

**TECHNICAL MEMORANDUM
AUGUST 2005 SOIL VAPOR RESULTS AND SUMMARY OF SOIL VAPOR
MONITORING**

REMEDIAL INVESTIGATION

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

October 2005

**Stratford Army Engine Plant
550 Main Street
Stratford, Connecticut 06615**

**TECHNICAL MEMORANDUM
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REMEDIAL INVESTIGATION
STRATFORD ARMY ENGINE PLANT**

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ATTACHMENT 2	August 2005 Soil Vapor Monitoring Sample Collection Procedures
ATTACHMENT 3	August 2005 Soil Vapor Monitoring Data Validation Report

**TECHNICAL MEMORANDUM
2005 SOIL VAPOR RESULTS AND SUMMARY OF SOIL VAPOR MONITORING
REMEDIAL INVESTIGATION
STRATFORD ARMY ENGINE PLANT**

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**TECHNICAL MEMORANDUM
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1.0 INTRODUCTION

1.1 PURPOSE

The purpose of this technical memorandum is to present the results of the August 2005 Soil Vapor Monitoring Round and summarize all four rounds of soil vapor monitoring from permanent soil vapor monitoring points at the Stratford Army Engine Plant (SAEP). The purpose of the monitoring was to collect soil vapor data to supplement the Final Remedial Investigation and to determine any seasonal variations in results beneath site buildings, specifically at locations that have concentrations below or near CTDEP industrial/commercial soil vapor volatilization criteria, and to establish compliance with the volatilization criteria in accordance with Section 22a-133k-3(f)(3) of the CTDEP Remediation Standard Regulations.

1.2 SITE DESCRIPTION

SAEP is located on approximately 124 acres in Stratford, Connecticut, on the Stratford Point peninsula in the southeast corner of Fairfield County. SAEP was used to develop, manufacture and test turbine engines. The property consists of 49 buildings, paved roadways and grounds, and five paved parking lots.

1.3 BACKGROUND

Soil vapor monitoring was conducted by MACTEC Engineering and Consulting, Inc. (MACTEC) under Air Force Center for Environmental Excellence (AFCEE) contract number F41624-03-D-8606, Delivery Order 0012. Field activities including soil vapor probe installation and sample collection were conducted in accordance with the 2004 Sampling and Analysis Plan (SAP) and Quality Assurance Project Plan (QAPP) for the SAEP RI. Soil vapor monitoring rounds were conducted in April 2004, March 2005, June 2005 and August 2005.

2.0 AUGUST 2005 SOIL VAPOR RESULTS

2.1 FIELD SAMPLING ACTIVITIES

Soil vapor samples were collected from 41 locations on August 23, 2005. The locations are indicated on Figure 1. Sample collection procedures were presented in the 2004 SAP, and a summary of the procedure used in August 2005 is provided as Attachment 2. Soil vapor samples were submitted to Air Toxics Ltd. in Folsom, California for analysis of vinyl chloride, 1,1-dichloroethene (1,1-DCE), 1,1,1-trichloroethane (1,1,1-TCA), trichloroethene (TCE), tetrachloroethene (PCE), cis-1,2-dichloroethene (cis-1,2-DCE), and trans-1,2-dichloroethene (trans-1,2-DCE) by modified USEPA method TO-15 (direct-inject) using gas chromatography/mass spectrometry. A syringe was used to remove an aliquot from the Tedlar[®] bag and was introduced into the injection port of the GC/MS via direct injection with the sample containing syringe. Data was received by MACTEC E&C on September 9, 2005, and has undergone data validation procedures, presented in Attachment 3.

2.2 ANALYTICAL RESULTS

Concentrations of chlorinated volatile organic compounds (cVOCs) detected in the August 2005 round of soil vapor monitoring were compared to the proposed 2003 I/C SV VC. Analytical results indicate concentrations of TCE exceed I/C SV VC at eleven, and PCE exceed I/C SV VC at three, of the 41 monitoring locations (see Table 1). The following table summarizes the locations and concentrations of samples collected which had analyte concentrations exceeding the proposed 2003 I/C SV VC:

Location ID	Sample Location	TCE Conc. (ppmv)	PCE Conc. (ppmv)	Factor of Conc. Exceeding I/C VC (TCE/PCE)
SVM-04-30	Building B-3	0.28	NE	1.1/NE
SVM-04-31	Building B-3	NE	1.4	NE/1.4
SVM-04-34	Building B-3	0.64	2.9	2.5/2.9
SVM-04-36	Building B-3	0.53	2.5	2.0/2.5
SVM-04-38	Building B-3	3.5	NE	13/NE
SVM-04-39	Building B-3	0.49	NE	1.9/NE
SVM-04-40	Building B-3	1.2	NE	4.6/NE
SVM-04-42	Building B-3	0.32	NE	1.2/NE
SVM-04-48	Building B-3A	4.2	NE	16/NE
SVM-04-49	Building B-3A	0.77	NE	3.0/NE
SVM-04-66	Building B-16	0.42	NE	1.6/NE
SVM-04-74	Building B-16	1.7	NE	6.5/NE

Notes: NE – No Exceedance

Compliance with the vapor criteria is not achieved if results exceed criteria by a factor of 2 or more

3.0 SOIL VAPOR MONITORING SUMMARY

3.1 SUMMARY OF DATA QUALITY

Tier II and ten percent Tier III data validation in accordance with USEPA Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses was performed on the four rounds of 2004 and 2005 analytical data. Validation results indicate the data is of very high quality. The only change made during validation was for samples SVM-04-64 and SVM-04-64DUP, collected in March 2005, where the PCE result for each sample was qualified as estimated (J).

3.2 SUMMARY OF SOIL VAPOR RESULTS

The target chlorinated VOCs 1,1,1-TCA, 1,1-DCE, PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride were all detected in at least one sample during the four monitoring rounds. The following table summarizes the range of concentrations detected for each of the chlorinated VOCs over the four monitoring rounds. VOCs were detected frequently in soil vapor. Vinyl chloride was the least frequently detected. PCE and TCE were the only two VOCs found at levels above the I/C SV VC.

Parameter	Frequency of Detection	Minimum Detected Concentration (ppmv)	Maximum Detected Concentration (ppmv)	Number of Samples w/ Concs. > I/C VC
1,1,1-TCA	159/194	0.0051	6.1	0
1,1-DCE	74/194	0.0052	1.6	0
PCE	185/194	0.005	2.9	11
TCE	172/194	0.0054	130	54
cis-1,2-DCE	173/194	0.005	18	0
trans-1,2-DCE	21/194	0.0058	0.47	0
vinyl chloride	13/194	0.0063	0.71	0

Results from the April 2004 soil vapor monitoring, and results from the temporary points in 1999, indicated the highest soil vapor concentrations were detected beneath the central part of the site including Buildings B-2, B-10 and B-12. These concentrations which were mostly associated with TCE indicated that compliance with I/C SV VC could not be achieved through additional monitoring, and no further data was collected from beneath these buildings.

Additional monitoring was then conducted where initial vapor concentrations were near or below compliance, or where monitoring had not been conducted, including Buildings B-3, B-3A, B-4, B-6, B-16, B-19, B-65 and the parking lot south of B-19 along the property boundary. Monitoring at these locations indicated vapor concentrations beneath B-3, B-3A and B-16 were greater than the IC SV VC with concentrations exceeding the criteria by a factor of 2 and greater at some locations. Both TCE and PCE are found above soil vapor

criteria beneath Building B-3. Soil vapor concentrations beneath Buildings B-4, B-6, B-19, B-65 and the parking lot south of B-19 are in compliance with the I/C SV VC.

No variations in vapor concentrations were observed between seasonal monitoring events. Soil vapor concentrations from permanent vapor points during all four rounds were generally consistent between rounds, particularly for 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride. Concentrations of PCE and TCE at individual monitoring points are generally within a factor of 2 of each other over the four monitoring rounds.

ACRONYMS

1,1-DCE	1,1-dichloroethene
1,1,1-TCA	1,1,1-trichloroethane
AFCEE	Air Force Center for Environmental Excellence
cis-1,2-DCE	cis-1,2-dichloroethene
CTDEP	Connecticut Department of Environmental Protection
cVOCs	chlorinated volatile organic compounds
I/C SV VC	industrial/commercial soil vapor volatilization criteria
MACTEC	MACTEC Engineering and Consulting, Inc.
PCE	tetrachloroethene
QAPP	Quality Assurance Project Plan
RI	Remedial Investigation
RSRs	Remediation Standard Regulations
SAEP	Stratford Army Engine Plant
SAP	Sampling and Analysis Plan
TCE	trichloroethene
trans-1,2-DCE	trans-1,2-dichloroethene
USEPA	U.S. Environmental Protection Agency
VOCs	volatile organic compounds

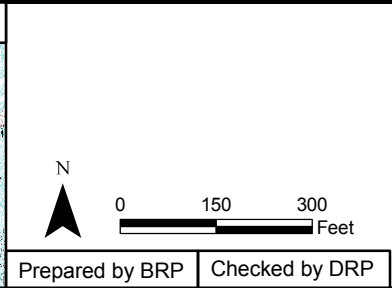
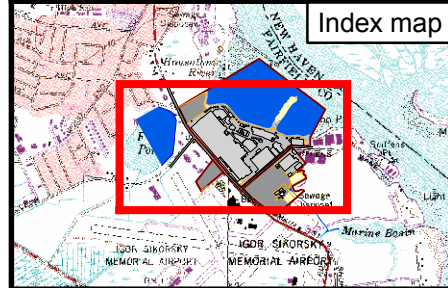
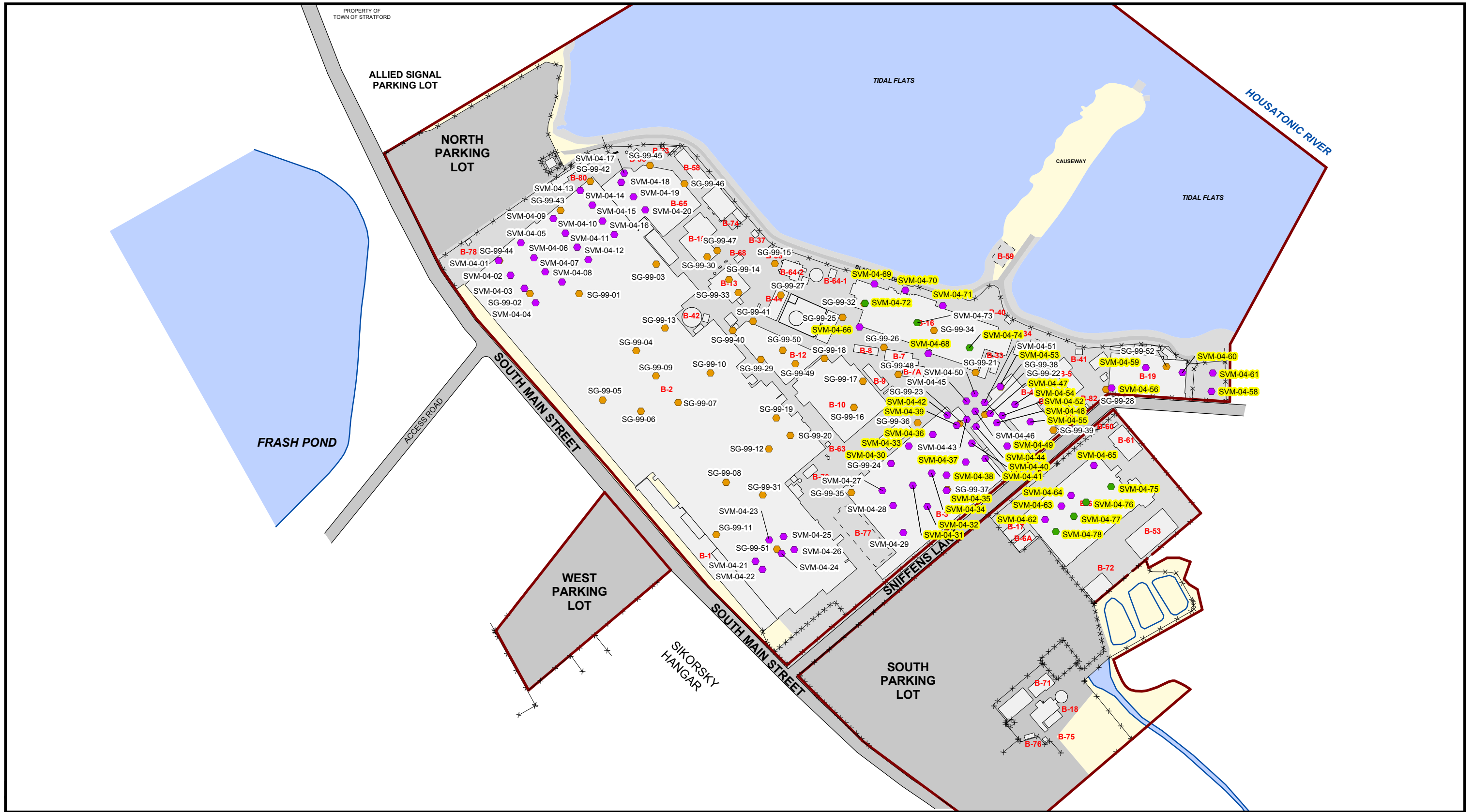
FIGURES

Figure 1 - Soil Vapor Monitoring Locations Sampled August 2005

Figure 2 - Soil Vapor Monitoring Locations Sampled April 2004

Figure 3 - Soil Vapor Monitoring Locations Sampled March 2005

Figure 4 - Soil Vapor Monitoring Locations Sampled June 2005



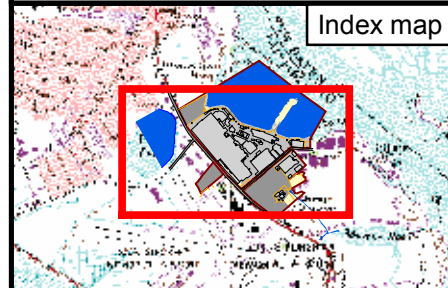
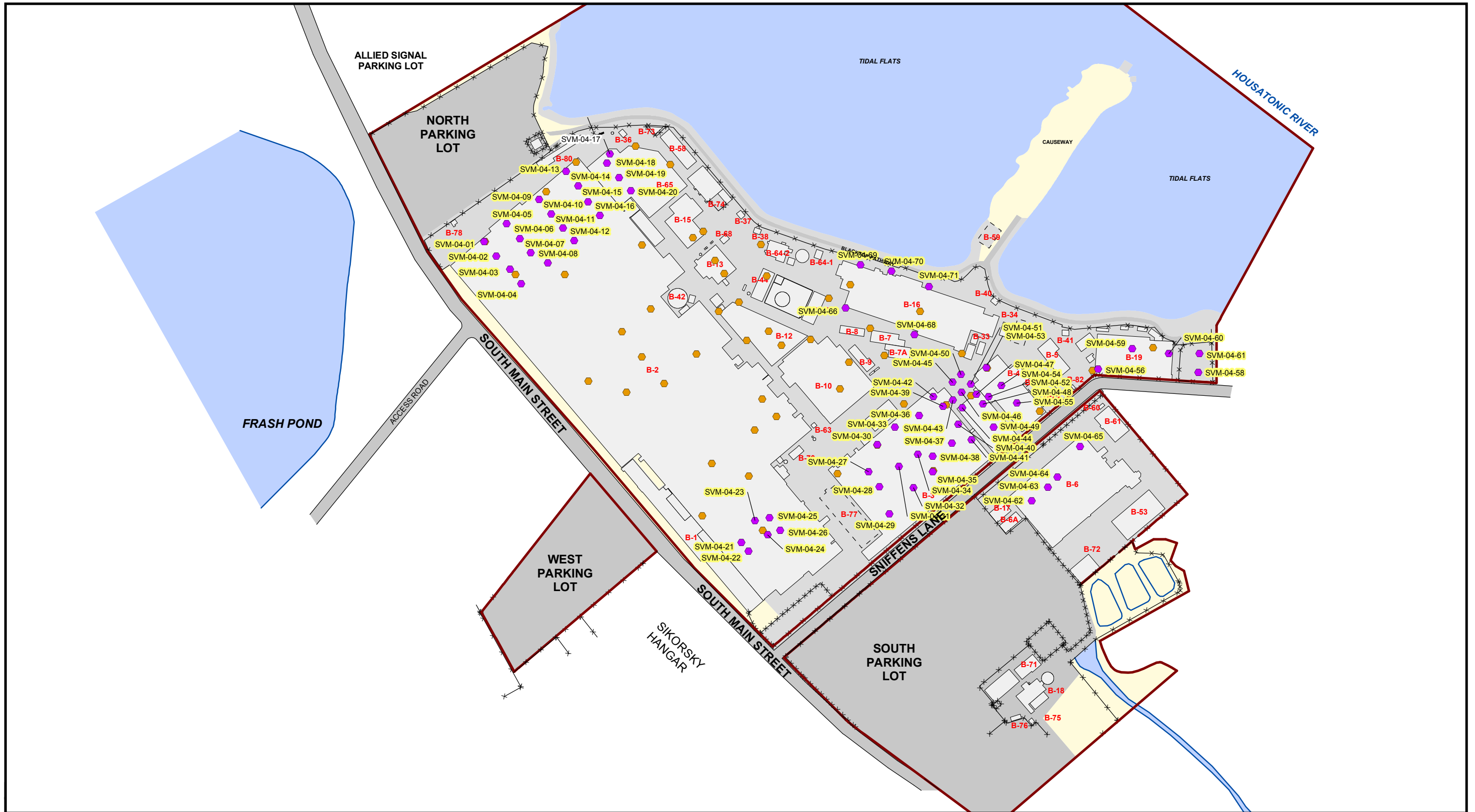
Prepared by BRP Checked by DRP

Legend

- 1999 Soil Vapor Sampling Locations
- Soil Vapor Monitoring Points Installed March 2004
- Soil Vapor Monitoring Points Installed March 2005
- SVM-04-51 Highlight Denotes Sampled August 2005

Figure 1
Soil Vapor Monitoring Locations
Sampled Aug. 2005

Stratford Army Engine Plant
Stratford, Connecticut
MACTEC Engineering and Consulting, Inc.



Index map

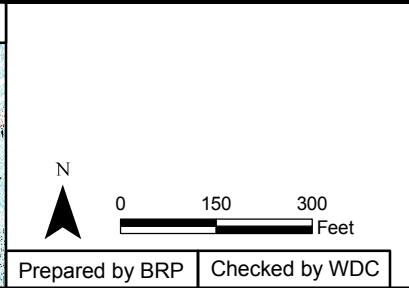
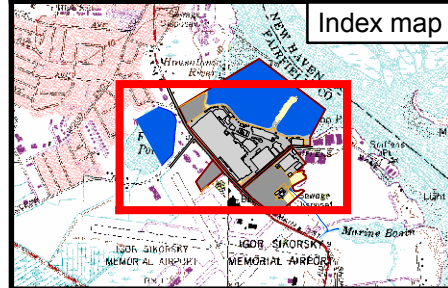
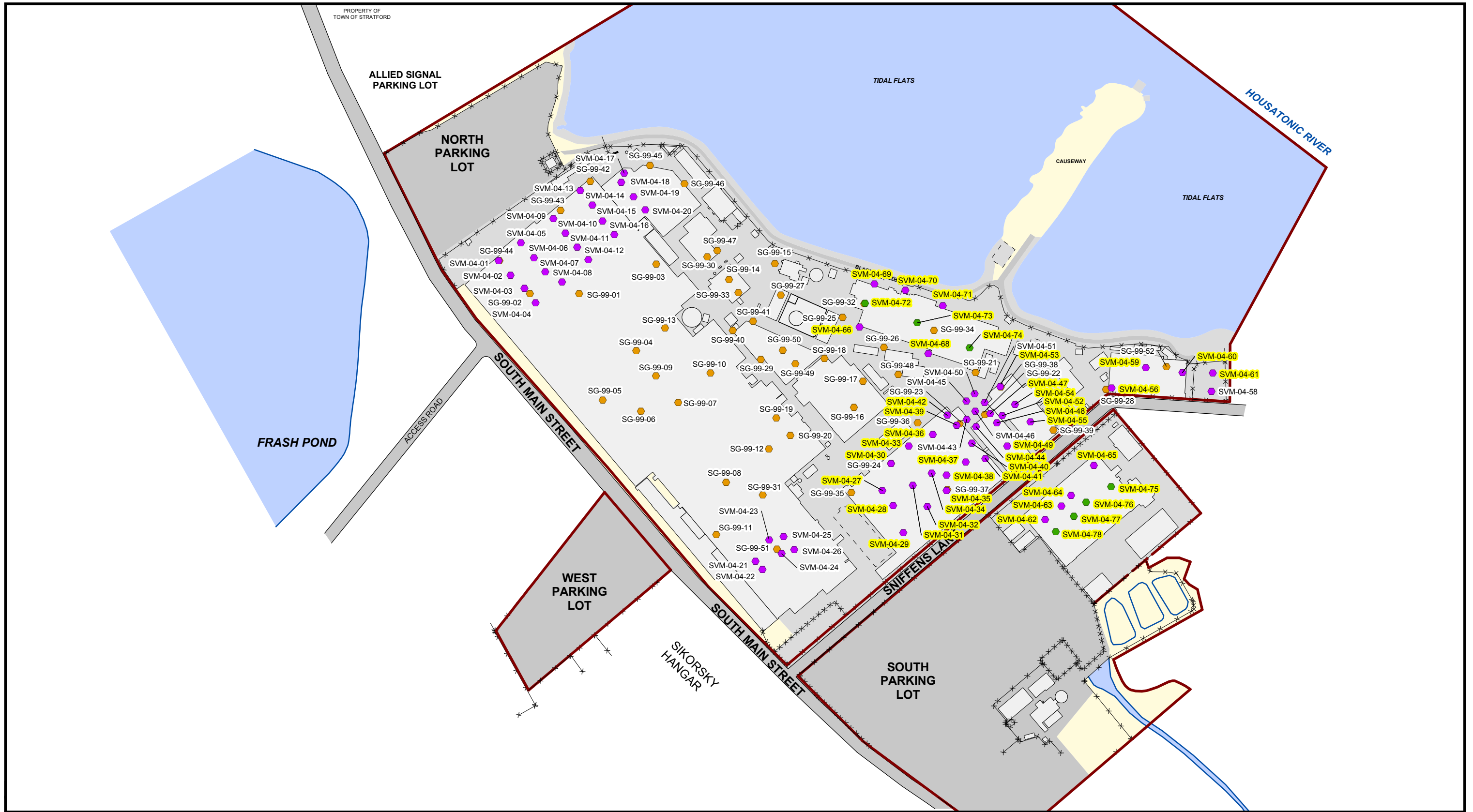
0 150 300 Feet

Prepared by BRP Checked by DRP

- Legend**
- SVM-04-54 Highlight Denotes Sampled April 2004
 - 1999 Soil Vapor Sampling Locations
 - Soil Vapor Monitoring Points Installed March 2004

Figure 2
Soil Vapor Monitoring Locations
Sampled April 2004

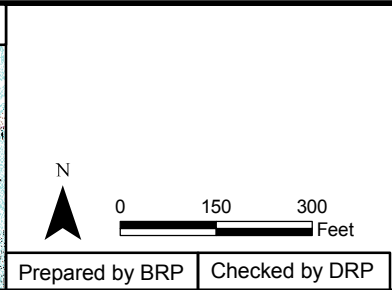
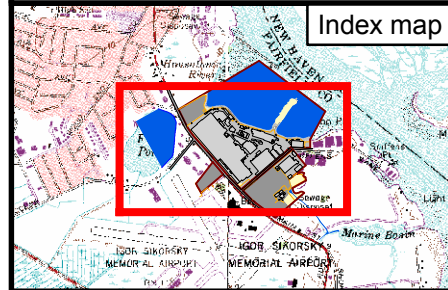
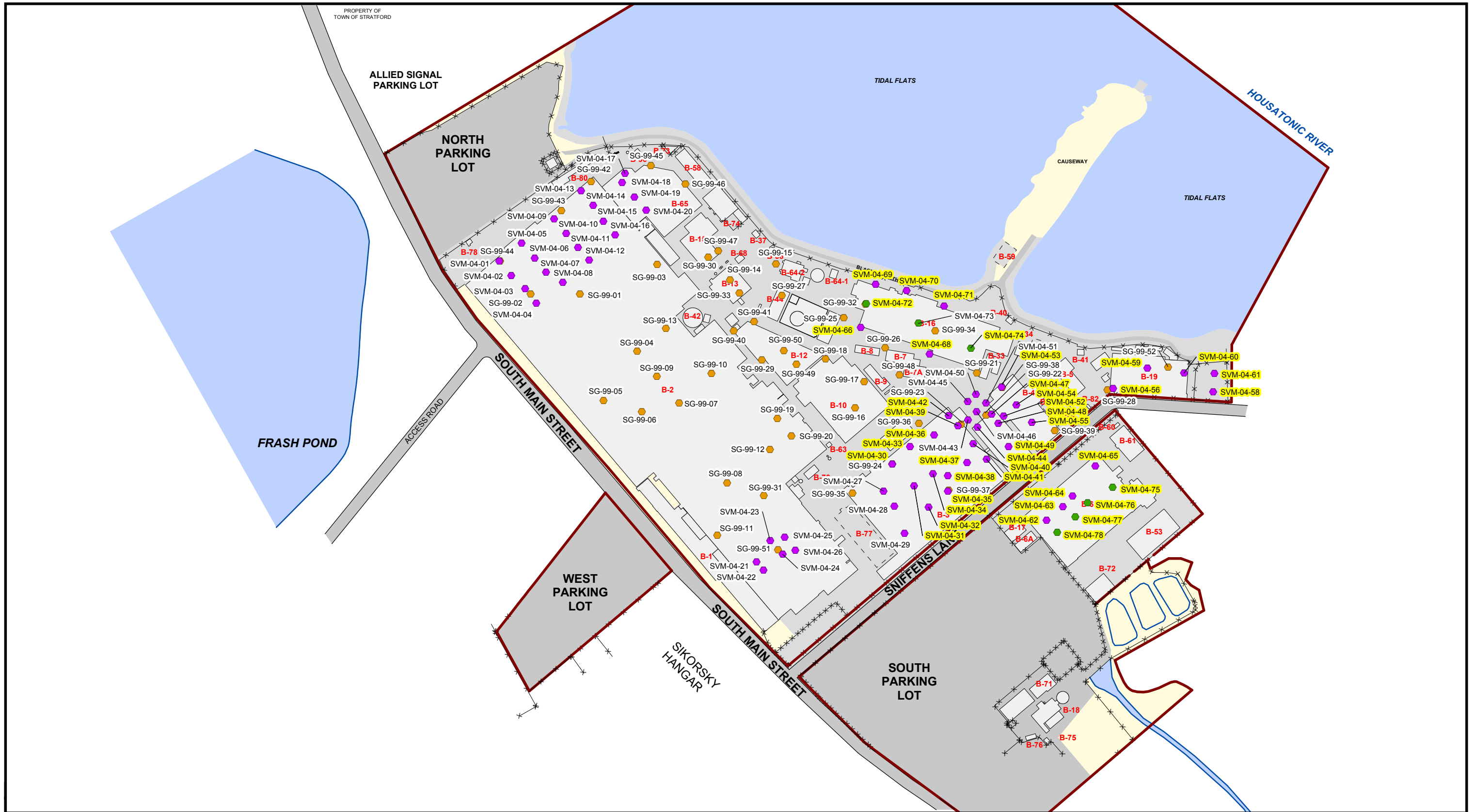
Stratford Army Engine Plant
Stratford, Connecticut
MACTEC Engineering and Consulting, Inc.



- Legend**
- 1999 Soil Vapor Sampling Locations
 - Soil Vapor Monitoring Points Installed March 2004
 - Soil Vapor Monitoring Points Installed March 2005
 - SVM-04-54 Highlight Denotes Sampled March 2005

Figure 3
Soil Vapor Monitoring Locations
Sampled March 2005

Stratford Army Engine Plant
Stratford, Connecticut
MACTEC Engineering and Consulting, Inc.



- Legend**
- 1999 Soil Vapor Sampling Locations
 - Soil Vapor Monitoring Points Installed March 2004
 - Soil Vapor Monitoring Points Installed March 2005
 - SVM-04-54 Highlight Denotes Sampled June 2005

Figure 4
Soil Vapor Monitoring Locations
Sampled June 2005

Stratford Army Engine Plant
Stratford, Connecticut
MACTEC Engineering and Consulting, Inc.

TABLES

Table 1 - Soil Vapor Monitoring Locations Sampled August 2005

Table 2 - Soil Vapor Monitoring Locations Sampled April 2004

Table 3 - Soil Vapor Monitoring Locations Sampled March 2005

Table 4 - Soil Vapor Monitoring Locations Sampled June 2005

**TABLE 1
AUGUST 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-30	0508512B-26A	23-Aug-05	1,1,1-Trichloroethane	0.020		PPMV	130
SVM-04-30	0508512B-26A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-30	0508512B-26A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-30	0508512B-26A	23-Aug-05	Tetrachloroethene	0.096		PPMV	1
SVM-04-30	0508512B-26A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-30	0508512B-26A	23-Aug-05	Trichloroethene	0.28		PPMV	0.26
SVM-04-30	0508512B-26A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-31	0508512B-27A	23-Aug-05	1,1,1-Trichloroethane	0.010		PPMV	130
SVM-04-31	0508512B-27A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-31	0508512B-27A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-31	0508512B-27A	23-Aug-05	Tetrachloroethene	1.4		PPMV	1
SVM-04-31	0508512B-27A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-31	0508512B-27A	23-Aug-05	Trichloroethene	0.25		PPMV	0.26
SVM-04-31	0508512B-27A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-32	0508512B-28A	23-Aug-05	1,1,1-Trichloroethane	0.015		PPMV	130
SVM-04-32	0508512B-28A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-32	0508512B-28A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-32	0508512B-28A	23-Aug-05	Tetrachloroethene	0.28		PPMV	1
SVM-04-32	0508512B-28A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-32	0508512B-28A	23-Aug-05	Trichloroethene	0.21		PPMV	0.26
SVM-04-32	0508512B-28A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-33	0508512B-25A	23-Aug-05	1,1,1-Trichloroethane	0.050		PPMV	130
SVM-04-33	0508512B-25A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-33	0508512B-25A	23-Aug-05	Cis-1,2-Dichloroethene	0.014		PPMV	35
SVM-04-33	0508512B-25A	23-Aug-05	Tetrachloroethene	0.40		PPMV	1
SVM-04-33	0508512B-25A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-33	0508512B-25A	23-Aug-05	Trichloroethene	0.17		PPMV	0.26
SVM-04-33	0508512B-25A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-34	0508512B-29A	23-Aug-05	1,1,1-Trichloroethane	0.23		PPMV	130
SVM-04-34	0508512B-29A	23-Aug-05	1,1-Dichloroethene	0.0053		PPMV	7
SVM-04-34	0508512B-29A	23-Aug-05	Cis-1,2-Dichloroethene	0.011		PPMV	35
SVM-04-34	0508512B-29A	23-Aug-05	Tetrachloroethene	2.9		PPMV	1
SVM-04-34	0508512B-29A	23-Aug-05	trans-1,2-Dichloroethene	0.0068		PPMV	70
SVM-04-34	0508512B-29A	23-Aug-05	Trichloroethene	0.64		PPMV	0.26
SVM-04-34	0508512B-29A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-35	0508512B-33A	23-Aug-05	1,1,1-Trichloroethane	0.0050	U	PPMV	130
SVM-04-35	0508512B-33A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-35	0508512B-33A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-35	0508512B-33A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-35	0508512B-33A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-35	0508512B-33A	23-Aug-05	Trichloroethene	0.0050	U	PPMV	0.26
SVM-04-35	0508512B-33A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-36	0508512B-24A	23-Aug-05	1,1,1-Trichloroethane	0.041		PPMV	130
SVM-04-36	0508512B-24A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-36	0508512B-24A	23-Aug-05	Cis-1,2-Dichloroethene	0.25		PPMV	35
SVM-04-36	0508512B-24A	23-Aug-05	Tetrachloroethene	2.5		PPMV	1
SVM-04-36	0508512B-24A	23-Aug-05	trans-1,2-Dichloroethene	0.0082		PPMV	70
SVM-04-36	0508512B-24A	23-Aug-05	Trichloroethene	0.53		PPMV	0.26
SVM-04-36	0508512B-24A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-37	0508512B-30A	23-Aug-05	1,1,1-Trichloroethane	0.031		PPMV	130
SVM-04-37	0508512B-30A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7

**TABLE 1
AUGUST 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-37	0508512B-30A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-37	0508512B-30A	23-Aug-05	Tetrachloroethene	0.39		PPMV	1
SVM-04-37	0508512B-30A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-37	0508512B-30A	23-Aug-05	Trichloroethene	0.075		PPMV	0.26
SVM-04-37	0508512B-30A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-38	0508512B-34A	23-Aug-05	1,1,1-Trichloroethane	0.063		PPMV	130
SVM-04-38	0508512B-34A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-38	0508512B-34A	23-Aug-05	Cis-1,2-Dichloroethene	0.034		PPMV	35
SVM-04-38	0508512B-34A	23-Aug-05	Tetrachloroethene	0.60		PPMV	1
SVM-04-38	0508512B-34A	23-Aug-05	trans-1,2-Dichloroethene	0.023		PPMV	70
SVM-04-38	0508512B-34A	23-Aug-05	Trichloroethene	3.5		PPMV	0.26
SVM-04-38	0508512B-34A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-39	0508512B-31A	23-Aug-05	1,1,1-Trichloroethane	0.0057		PPMV	130
SVM-04-39	0508512B-31A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-39	0508512B-31A	23-Aug-05	Cis-1,2-Dichloroethene	0.050		PPMV	35
SVM-04-39	0508512B-31A	23-Aug-05	Tetrachloroethene	1.0		PPMV	1
SVM-04-39	0508512B-31A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-39	0508512B-31A	23-Aug-05	Trichloroethene	0.49		PPMV	0.26
SVM-04-39	0508512B-31A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-40	0508512B-32A	23-Aug-05	1,1,1-Trichloroethane	0.0060		PPMV	130
SVM-04-40	0508512B-32A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-40	0508512B-32A	23-Aug-05	Cis-1,2-Dichloroethene	0.025		PPMV	35
SVM-04-40	0508512B-32A	23-Aug-05	Tetrachloroethene	0.93		PPMV	1
SVM-04-40	0508512B-32A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-40	0508512B-32A	23-Aug-05	Trichloroethene	1.2		PPMV	0.26
SVM-04-40	0508512B-32A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-41	0508512B-35A	23-Aug-05	1,1,1-Trichloroethane	0.0064		PPMV	130
SVM-04-41	0508512B-35A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-41	0508512B-35A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-41	0508512B-35A	23-Aug-05	Tetrachloroethene	0.15		PPMV	1
SVM-04-41	0508512B-35A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-41	0508512B-35A	23-Aug-05	Trichloroethene	0.20		PPMV	0.26
SVM-04-41	0508512B-35A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-42	0508512B-23A	23-Aug-05	1,1,1-Trichloroethane	0.0073		PPMV	130
SVM-04-42	0508512B-23A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-42	0508512B-23A	23-Aug-05	Cis-1,2-Dichloroethene	0.020		PPMV	35
SVM-04-42	0508512B-23A	23-Aug-05	Tetrachloroethene	0.48		PPMV	1
SVM-04-42	0508512B-23A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-42	0508512B-23A	23-Aug-05	Trichloroethene	0.32		PPMV	0.26
SVM-04-42	0508512B-23A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-44	0508512C-42A	23-Aug-05	1,1,1-Trichloroethane	0.020		PPMV	130
SVM-04-44	0508512C-42A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-44	0508512C-42A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-44	0508512C-42A	23-Aug-05	Tetrachloroethene	0.014		PPMV	1
SVM-04-44	0508512C-42A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-44	0508512C-42A	23-Aug-05	Trichloroethene	0.026		PPMV	0.26
SVM-04-44	0508512C-42A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-47	0508512B-40A	23-Aug-05	1,1,1-Trichloroethane	3.7		PPMV	130
SVM-04-47	0508512B-40A	23-Aug-05	1,1-Dichloroethene	0.054		PPMV	7
SVM-04-47	0508512B-40A	23-Aug-05	Cis-1,2-Dichloroethene	0.017		PPMV	35
SVM-04-47	0508512B-40A	23-Aug-05	Tetrachloroethene	0.50		PPMV	1

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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-47	0508512B-40A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-47	0508512B-40A	23-Aug-05	Trichloroethene	0.22		PPMV	0.26
SVM-04-47	0508512B-40A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-48	0508512C-41A	23-Aug-05	1,1,1-Trichloroethane	0.63		PPMV	130
SVM-04-48	0508512C-41A	23-Aug-05	1,1-Dichloroethene	0.011		PPMV	7
SVM-04-48	0508512C-41A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-48	0508512C-41A	23-Aug-05	Tetrachloroethene	0.91		PPMV	1
SVM-04-48	0508512C-41A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-48	0508512C-41A	23-Aug-05	Trichloroethene	4.2		PPMV	0.26
SVM-04-48	0508512C-41A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-49	0508512C-43A	23-Aug-05	1,1,1-Trichloroethane	0.027		PPMV	130
SVM-04-49	0508512C-43A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-49	0508512C-43A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-49	0508512C-43A	23-Aug-05	Tetrachloroethene	0.039		PPMV	1
SVM-04-49	0508512C-43A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-49	0508512C-43A	23-Aug-05	Trichloroethene	0.77		PPMV	0.26
SVM-04-49	0508512C-43A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-52	0508512B-39A	23-Aug-05	1,1,1-Trichloroethane	0.024		PPMV	130
SVM-04-52	0508512B-39A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-52	0508512B-39A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-52	0508512B-39A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-52	0508512B-39A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-52	0508512B-39A	23-Aug-05	Trichloroethene	0.0050	U	PPMV	0.26
SVM-04-52	0508512B-39A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-53	0508512B-37A	23-Aug-05	1,1,1-Trichloroethane	0.011		PPMV	130
SVM-04-53	0508512B-37A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-53	0508512B-37A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-53	0508512B-37A	23-Aug-05	Tetrachloroethene	0.11		PPMV	1
SVM-04-53	0508512B-37A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-53	0508512B-37A	23-Aug-05	Trichloroethene	0.0054		PPMV	0.26
SVM-04-53	0508512B-37A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-54	0508512B-38A	23-Aug-05	1,1,1-Trichloroethane	0.050		PPMV	130
SVM-04-54	0508512B-38A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-54	0508512B-38A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-54	0508512B-38A	23-Aug-05	Tetrachloroethene	0.12		PPMV	1
SVM-04-54	0508512B-38A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-54	0508512B-38A	23-Aug-05	Trichloroethene	0.16		PPMV	0.26
SVM-04-54	0508512B-38A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-55	0508512B-36A	23-Aug-05	1,1,1-Trichloroethane	0.028		PPMV	130
SVM-04-55	0508512B-36A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-55	0508512B-36A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-55	0508512B-36A	23-Aug-05	Tetrachloroethene	0.059		PPMV	1
SVM-04-55	0508512B-36A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-55	0508512B-36A	23-Aug-05	Trichloroethene	0.015		PPMV	0.26
SVM-04-55	0508512B-36A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-56	0508512A-13A	23-Aug-05	1,1,1-Trichloroethane	1.0		PPMV	130
SVM-04-56	0508512A-13A	23-Aug-05	1,1-Dichloroethene	0.0095		PPMV	7
SVM-04-56	0508512A-13A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-56	0508512A-13A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-56	0508512A-13A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-56	0508512A-13A	23-Aug-05	Trichloroethene	0.0050	U	PPMV	0.26

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SVM-04-56	0508512A-13A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-58	0508512A-10A	23-Aug-05	1,1,1-Trichloroethane	0.0050	U	PPMV	130
SVM-04-58	0508512A-10A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-58	0508512A-10A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-58	0508512A-10A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-58	0508512A-10A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-58	0508512A-10A	23-Aug-05	Trichloroethene	0.0050	U	PPMV	0.26
SVM-04-58	0508512A-10A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-59	0508512A-12A	23-Aug-05	1,1,1-Trichloroethane	0.79		PPMV	130
SVM-04-59	0508512A-12A	23-Aug-05	1,1-Dichloroethene	0.013		PPMV	7
SVM-04-59	0508512A-12A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-59	0508512A-12A	23-Aug-05	Tetrachloroethene	0.0057		PPMV	1
SVM-04-59	0508512A-12A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-59	0508512A-12A	23-Aug-05	Trichloroethene	0.0062		PPMV	0.26
SVM-04-59	0508512A-12A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-60	0508512A-11A	23-Aug-05	1,1,1-Trichloroethane	0.0086		PPMV	130
SVM-04-60	0508512A-11A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-60	0508512A-11A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-60	0508512A-11A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-60	0508512A-11A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-60	0508512A-11A	23-Aug-05	Trichloroethene	0.0050	U	PPMV	0.26
SVM-04-60	0508512A-11A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-61	0508512A-09A	23-Aug-05	1,1,1-Trichloroethane	0.0050	U	PPMV	130
SVM-04-61	0508512A-09A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-61	0508512A-09A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-61	0508512A-09A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-61	0508512A-09A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-61	0508512A-09A	23-Aug-05	Trichloroethene	0.0050	U	PPMV	0.26
SVM-04-61	0508512A-09A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-62	0508512A-14A	23-Aug-05	1,1,1-Trichloroethane	0.0050	U	PPMV	130
SVM-04-62	0508512A-14A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-62	0508512A-14A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-62	0508512A-14A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-62	0508512A-14A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-62	0508512A-14A	23-Aug-05	Trichloroethene	0.0050	U	PPMV	0.26
SVM-04-62	0508512A-14A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-63	0508512A-18A	23-Aug-05	1,1,1-Trichloroethane	0.67		PPMV	130
SVM-04-63	0508512A-18A	23-Aug-05	1,1-Dichloroethene	0.034		PPMV	7
SVM-04-63	0508512A-18A	23-Aug-05	Cis-1,2-Dichloroethene	0.033		PPMV	35
SVM-04-63	0508512A-18A	23-Aug-05	Tetrachloroethene	0.089		PPMV	1
SVM-04-63	0508512A-18A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-63	0508512A-18A	23-Aug-05	Trichloroethene	0.26		PPMV	0.26
SVM-04-63	0508512A-18A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-64	0508512A-19A	23-Aug-05	1,1,1-Trichloroethane	0.022		PPMV	130
SVM-04-64	0508512A-19A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-64	0508512A-19A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-64	0508512A-19A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-64	0508512A-19A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-64	0508512A-19A	23-Aug-05	Trichloroethene	0.010		PPMV	0.26
SVM-04-64	0508512A-19A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-65	0508512B-22A	23-Aug-05	1,1,1-Trichloroethane	0.030		PPMV	130

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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-65	0508512B-22A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-65	0508512B-22A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-65	0508512B-22A	23-Aug-05	Tetrachloroethene	0.012		PPMV	1
SVM-04-65	0508512B-22A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-65	0508512B-22A	23-Aug-05	Trichloroethene	0.035		PPMV	0.26
SVM-04-65	0508512B-22A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-66	0508512A-01A	23-Aug-05	1,1,1-Trichloroethane	0.50		PPMV	130
SVM-04-66	0508512A-01A	23-Aug-05	1,1-Dichloroethene	0.0063		PPMV	7
SVM-04-66	0508512A-01A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050		PPMV	35
SVM-04-66	0508512A-01A	23-Aug-05	Tetrachloroethene	0.64		PPMV	1
SVM-04-66	0508512A-01A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-66	0508512A-01A	23-Aug-05	Trichloroethene	0.42		PPMV	0.26
SVM-04-66	0508512A-01A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-68	0508512A-06A	23-Aug-05	1,1,1-Trichloroethane	0.060		PPMV	130
SVM-04-68	0508512A-06A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-68	0508512A-06A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-68	0508512A-06A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-68	0508512A-06A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-68	0508512A-06A	23-Aug-05	Trichloroethene	0.040		PPMV	0.26
SVM-04-68	0508512A-06A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-69	0508512A-02A	23-Aug-05	1,1,1-Trichloroethane	0.045		PPMV	130
SVM-04-69	0508512A-02A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-69	0508512A-02A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-69	0508512A-02A	23-Aug-05	Tetrachloroethene	0.0050		PPMV	1
SVM-04-69	0508512A-02A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-69	0508512A-02A	23-Aug-05	Trichloroethene	0.036		PPMV	0.26
SVM-04-69	0508512A-02A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-70	0508512A-04A	23-Aug-05	1,1,1-Trichloroethane	1.8		PPMV	130
SVM-04-70	0508512A-04A	23-Aug-05	1,1-Dichloroethene	0.021		PPMV	7
SVM-04-70	0508512A-04A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-70	0508512A-04A	23-Aug-05	Tetrachloroethene	0.0073		PPMV	1
SVM-04-70	0508512A-04A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-70	0508512A-04A	23-Aug-05	Trichloroethene	0.022		PPMV	0.26
SVM-04-70	0508512A-04A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-71	0508512A-05A	23-Aug-05	1,1,1-Trichloroethane	0.75		PPMV	130
SVM-04-71	0508512A-05A	23-Aug-05	1,1-Dichloroethene	0.0083		PPMV	7
SVM-04-71	0508512A-05A	23-Aug-05	Cis-1,2-Dichloroethene	0.16		PPMV	35
SVM-04-71	0508512A-05A	23-Aug-05	Tetrachloroethene	0.88		PPMV	1
SVM-04-71	0508512A-05A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-71	0508512A-05A	23-Aug-05	Trichloroethene	0.16		PPMV	0.26
SVM-04-71	0508512A-05A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-72	0508512A-07A	23-Aug-05	1,1,1-Trichloroethane	0.11		PPMV	130
SVM-04-72	0508512A-07A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-72	0508512A-07A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-72	0508512A-07A	23-Aug-05	Tetrachloroethene	0.014		PPMV	1
SVM-04-72	0508512A-07A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-72	0508512A-07A	23-Aug-05	Trichloroethene	0.077		PPMV	0.26
SVM-04-72	0508512A-07A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-74	0508512A-08A	23-Aug-05	1,1,1-Trichloroethane	0.18		PPMV	130
SVM-04-74	0508512A-08A	23-Aug-05	1,1-Dichloroethene	0.0087		PPMV	7
SVM-04-74	0508512A-08A	23-Aug-05	Cis-1,2-Dichloroethene	0.068		PPMV	35

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SVM-04-74	0508512A-08A	23-Aug-05	Tetrachloroethene	0.050		PPMV	1
SVM-04-74	0508512A-08A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-74	0508512A-08A	23-Aug-05	Trichloroethene	1.7		PPMV	0.26
SVM-04-74	0508512A-08A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-75	0508512B-21A	23-Aug-05	1,1,1-Trichloroethane	0.047		PPMV	130
SVM-04-75	0508512B-21A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-75	0508512B-21A	23-Aug-05	Cis-1,2-Dichloroethene	0.60		PPMV	35
SVM-04-75	0508512B-21A	23-Aug-05	Tetrachloroethene	0.0098		PPMV	1
SVM-04-75	0508512B-21A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-75	0508512B-21A	23-Aug-05	Trichloroethene	0.097		PPMV	0.26
SVM-04-75	0508512B-21A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-76	0508512A-20A	23-Aug-05	1,1,1-Trichloroethane	0.47		PPMV	130
SVM-04-76	0508512A-20A	23-Aug-05	1,1-Dichloroethene	0.062		PPMV	7
SVM-04-76	0508512A-20A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-76	0508512A-20A	23-Aug-05	Tetrachloroethene	0.0050	U	PPMV	1
SVM-04-76	0508512A-20A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-76	0508512A-20A	23-Aug-05	Trichloroethene	0.073		PPMV	0.26
SVM-04-76	0508512A-20A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-77	0508512A-17A	23-Aug-05	1,1,1-Trichloroethane	0.83		PPMV	130
SVM-04-77	0508512A-17A	23-Aug-05	1,1-Dichloroethene	0.24		PPMV	7
SVM-04-77	0508512A-17A	23-Aug-05	Cis-1,2-Dichloroethene	0.13		PPMV	35
SVM-04-77	0508512A-17A	23-Aug-05	Tetrachloroethene	0.16		PPMV	1
SVM-04-77	0508512A-17A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-77	0508512A-17A	23-Aug-05	Trichloroethene	0.12		PPMV	0.26
SVM-04-77	0508512A-17A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1
SVM-04-78	0508512A-16A	23-Aug-05	1,1,1-Trichloroethane	0.062		PPMV	130
SVM-04-78	0508512A-16A	23-Aug-05	1,1-Dichloroethene	0.0050	U	PPMV	7
SVM-04-78	0508512A-16A	23-Aug-05	Cis-1,2-Dichloroethene	0.0050	U	PPMV	35
SVM-04-78	0508512A-16A	23-Aug-05	Tetrachloroethene	0.0074		PPMV	1
SVM-04-78	0508512A-16A	23-Aug-05	trans-1,2-Dichloroethene	0.0050	U	PPMV	70
SVM-04-78	0508512A-16A	23-Aug-05	Trichloroethene	0.014		PPMV	0.26
SVM-04-78	0508512A-16A	23-Aug-05	Vinyl chloride	0.0050	U	PPMV	1

Notes: Shading indicates analyte concentration exceeds CTDEP I/C SV VC
 * Proposed March 2003 CTDEP Industrial/Commercial Soil Vapor Volatilization Criteria
 PPMV - parts per million by volume

**TABLE 2
APRIL 2004 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-01	0404116A-01A	4/6/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-01	0404116A-01A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-01	0404116A-01A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-01	0404116A-01A	4/6/2004	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-01	0404116A-01A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-01	0404116A-01A	4/6/2004	Trichloroethene	0.033		PPMV	0.26
SVM-04-01	0404116A-01A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-02	0404116A-02A	4/6/2004	1,1,1-Trichloroethane	0.099		PPMV	130
SVM-04-02	0404116A-02A	4/6/2004	1,1-Dichloroethene	0.11		PPMV	7
SVM-04-02	0404116A-02A	4/6/2004	cis-1,2-Dichloroethene	0.49		PPMV	35
SVM-04-02	0404116A-02A	4/6/2004	Tetrachloroethene	0.17		PPMV	1
SVM-04-02	0404116A-02A	4/6/2004	trans-1,2-Dichloroethene	0.046		PPMV	70
SVM-04-02	0404116A-02A	4/6/2004	Trichloroethene	2.7		PPMV	0.26
SVM-04-02	0404116A-02A	4/6/2004	Vinyl Chloride	0.0063		PPMV	1
SVM-04-03	0404116A-03A	4/6/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-03	0404116A-03A	4/6/2004	1,1-Dichloroethene	0.0071		PPMV	7
SVM-04-03	0404116A-03A	4/6/2004	cis-1,2-Dichloroethene	0.012		PPMV	35
SVM-04-03	0404116A-03A	4/6/2004	Tetrachloroethene	0.0094		PPMV	1
SVM-04-03	0404116A-03A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-03	0404116A-03A	4/6/2004	Trichloroethene	0.069		PPMV	0.26
SVM-04-03	0404116A-03A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-04	0404116A-04A	4/6/2004	1,1,1-Trichloroethane	0.025		PPMV	130
SVM-04-04	0404116A-04A	4/6/2004	1,1-Dichloroethene	0.018		PPMV	7
SVM-04-04	0404116A-04A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-04	0404116A-04A	4/6/2004	Tetrachloroethene	0.046		PPMV	1
SVM-04-04	0404116A-04A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-04	0404116A-04A	4/6/2004	Trichloroethene	0.3		PPMV	0.26
SVM-04-04	0404116A-04A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-05	0404116A-05A	4/6/2004	1,1,1-Trichloroethane	0.0092		PPMV	130
SVM-04-05	0404116A-05A	4/6/2004	1,1-Dichloroethene	0.02		PPMV	7
SVM-04-05	0404116A-05A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-05	0404116A-05A	4/6/2004	Tetrachloroethene	0.028		PPMV	1
SVM-04-05	0404116A-05A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-05	0404116A-05A	4/6/2004	Trichloroethene	0.34		PPMV	0.26
SVM-04-05	0404116A-05A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-06	0404116A-06A	4/6/2004	1,1,1-Trichloroethane	0.16		PPMV	130
SVM-04-06	0404116A-06A	4/6/2004	1,1-Dichloroethene	0.12		PPMV	7
SVM-04-06	0404116A-06A	4/6/2004	cis-1,2-Dichloroethene	7.7		PPMV	35
SVM-04-06	0404116A-06A	4/6/2004	Tetrachloroethene	0.14		PPMV	1
SVM-04-06	0404116A-06A	4/6/2004	trans-1,2-Dichloroethene	0.34		PPMV	70
SVM-04-06	0404116A-06A	4/6/2004	Trichloroethene	66		PPMV	0.26
SVM-04-06	0404116A-06A	4/6/2004	Vinyl Chloride	0.1	U	PPMV	1
SVM-04-07	0404116A-07A	4/6/2004	1,1,1-Trichloroethane	0.036		PPMV	130
SVM-04-07	0404116A-07A	4/6/2004	1,1-Dichloroethene	0.011		PPMV	7
SVM-04-07	0404116A-07A	4/6/2004	cis-1,2-Dichloroethene	0.11		PPMV	35
SVM-04-07	0404116A-07A	4/6/2004	Tetrachloroethene	0.018		PPMV	1
SVM-04-07	0404116A-07A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-07	0404116A-07A	4/6/2004	Trichloroethene	2.2		PPMV	0.26
SVM-04-07	0404116A-07A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-08	0404116A-08A	4/6/2004	1,1,1-Trichloroethane	0.77		PPMV	130
SVM-04-08	0404116A-08A	4/6/2004	1,1-Dichloroethene	0.33		PPMV	7

**TABLE 2
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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-08	0404116A-08A	4/6/2004	cis-1,2-Dichloroethene	0.33		PPMV	35
SVM-04-08	0404116A-08A	4/6/2004	Tetrachloroethene	0.083		PPMV	1
SVM-04-08	0404116A-08A	4/6/2004	trans-1,2-Dichloroethene	0.016		PPMV	70
SVM-04-08	0404116A-08A	4/6/2004	Trichloroethene	6.5		PPMV	0.26
SVM-04-08	0404116A-08A	4/6/2004	Vinyl Chloride	0.011	U	PPMV	1
SVM-04-09	0404116A-09A	4/6/2004	1,1,1-Trichloroethane	0.013		PPMV	130
SVM-04-09	0404116A-09A	4/6/2004	1,1-Dichloroethene	0.16		PPMV	7
SVM-04-09	0404116A-09A	4/6/2004	cis-1,2-Dichloroethene	0.059		PPMV	35
SVM-04-09	0404116A-09A	4/6/2004	Tetrachloroethene	0.0085		PPMV	1
SVM-04-09	0404116A-09A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-09	0404116A-09A	4/6/2004	Trichloroethene	0.67		PPMV	0.26
SVM-04-09	0404116A-09A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-10	0404116A-10A	4/6/2004	1,1,1-Trichloroethane	0.15		PPMV	130
SVM-04-10	0404116A-10A	4/6/2004	1,1-Dichloroethene	1.6		PPMV	7
SVM-04-10	0404116A-10A	4/6/2004	cis-1,2-Dichloroethene	0.12		PPMV	35
SVM-04-10	0404116A-10A	4/6/2004	Tetrachloroethene	0.044		PPMV	1
SVM-04-10	0404116A-10A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-10	0404116A-10A	4/6/2004	Trichloroethene	1.1		PPMV	0.26
SVM-04-10	0404116A-10A	4/6/2004	Vinyl Chloride	0.0088		PPMV	1
SVM-04-11	0404116A-11A	4/6/2004	1,1,1-Trichloroethane	0.052		PPMV	130
SVM-04-11	0404116A-11A	4/6/2004	1,1-Dichloroethene	0.51		PPMV	7
SVM-04-11	0404116A-11A	4/6/2004	cis-1,2-Dichloroethene	0.059		PPMV	35
SVM-04-11	0404116A-11A	4/6/2004	Tetrachloroethene	0.018		PPMV	1
SVM-04-11	0404116A-11A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-11	0404116A-11A	4/6/2004	Trichloroethene	0.58		PPMV	0.26
SVM-04-11	0404116A-11A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-12	0404116A-12A	4/6/2004	1,1,1-Trichloroethane	0.13		PPMV	130
SVM-04-12	0404116A-12A	4/6/2004	1,1-Dichloroethene	0.49		PPMV	7
SVM-04-12	0404116A-12A	4/6/2004	cis-1,2-Dichloroethene	0.044		PPMV	35
SVM-04-12	0404116A-12A	4/6/2004	Tetrachloroethene	0.019		PPMV	1
SVM-04-12	0404116A-12A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-12	0404116A-12A	4/6/2004	Trichloroethene	0.87		PPMV	0.26
SVM-04-12	0404116A-12A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-13	0404116A-13A	4/6/2004	1,1,1-Trichloroethane	0.035		PPMV	130
SVM-04-13	0404116A-13A	4/6/2004	1,1-Dichloroethene	0.02		PPMV	7
SVM-04-13	0404116A-13A	4/6/2004	cis-1,2-Dichloroethene	0.01		PPMV	35
SVM-04-13	0404116A-13A	4/6/2004	Tetrachloroethene	0.009		PPMV	1
SVM-04-13	0404116A-13A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-13	0404116A-13A	4/6/2004	Trichloroethene	0.3		PPMV	0.26
SVM-04-13	0404116A-13A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-14	0404116A-14A	4/6/2004	1,1,1-Trichloroethane	0.13		PPMV	130
SVM-04-14	0404116A-14A	4/6/2004	1,1-Dichloroethene	0.64		PPMV	7
SVM-04-14	0404116A-14A	4/6/2004	cis-1,2-Dichloroethene	0.15		PPMV	35
SVM-04-14	0404116A-14A	4/6/2004	Tetrachloroethene	0.022		PPMV	1
SVM-04-14	0404116A-14A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-14	0404116A-14A	4/6/2004	Trichloroethene	0.61		PPMV	0.26
SVM-04-14	0404116A-14A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-15	0404140A-17A	4/7/2004	1,1,1-Trichloroethane	0.12		PPMV	130
SVM-04-15	0404140A-17A	4/7/2004	1,1-Dichloroethene	0.2		PPMV	7
SVM-04-15	0404140A-17A	4/7/2004	cis-1,2-Dichloroethene	0.072		PPMV	35
SVM-04-15	0404140A-17A	4/7/2004	Tetrachloroethene	0.013		PPMV	1

TABLE 2
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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-15	0404140A-17A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-15	0404140A-17A	4/7/2004	Trichloroethene	0.2		PPMV	0.26
SVM-04-15	0404140A-17A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-16	0404140A-18A	4/7/2004	1,1,1-Trichloroethane	0.069		PPMV	130
SVM-04-16	0404140A-18A	4/7/2004	1,1-Dichloroethene	0.15		PPMV	7
SVM-04-16	0404140A-18A	4/7/2004	cis-1,2-Dichloroethene	0.041		PPMV	35
SVM-04-16	0404140A-18A	4/7/2004	Tetrachloroethene	0.013		PPMV	1
SVM-04-16	0404140A-18A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-16	0404140A-18A	4/7/2004	Trichloroethene	0.37		PPMV	0.26
SVM-04-16	0404140A-18A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-18	0404116A-15A	4/6/2004	1,1,1-Trichloroethane	0.017		PPMV	130
SVM-04-18	0404116A-15A	4/6/2004	1,1-Dichloroethene	0.13		PPMV	7
SVM-04-18	0404116A-15A	4/6/2004	cis-1,2-Dichloroethene	0.73		PPMV	35
SVM-04-18	0404116A-15A	4/6/2004	Tetrachloroethene	0.036		PPMV	1
SVM-04-18	0404116A-15A	4/6/2004	trans-1,2-Dichloroethene	0.02		PPMV	70
SVM-04-18	0404116A-15A	4/6/2004	Trichloroethene	0.23		PPMV	0.26
SVM-04-18	0404116A-15A	4/6/2004	Vinyl Chloride	0.71		PPMV	1
SVM-04-19	0404116A-16A	4/6/2004	1,1,1-Trichloroethane	0.012		PPMV	130
SVM-04-19	0404116A-16A	4/6/2004	1,1-Dichloroethene	0.99		PPMV	7
SVM-04-19	0404116A-16A	4/6/2004	cis-1,2-Dichloroethene	0.08		PPMV	35
SVM-04-19	0404116A-16A	4/6/2004	Tetrachloroethene	0.0065		PPMV	1
SVM-04-19	0404116A-16A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-19	0404116A-16A	4/6/2004	Trichloroethene	0.13		PPMV	0.26
SVM-04-19	0404116A-16A	4/6/2004	Vinyl Chloride	0.12		PPMV	1
SVM-04-20	0404116A-18A	4/6/2004	1,1,1-Trichloroethane	0.021		PPMV	130
SVM-04-20	0404116A-18A	4/6/2004	1,1-Dichloroethene	0.011		PPMV	7
SVM-04-20	0404116A-18A	4/6/2004	cis-1,2-Dichloroethene	0.0053		PPMV	35
SVM-04-20	0404116A-18A	4/6/2004	Tetrachloroethene	0.0066		PPMV	1
SVM-04-20	0404116A-18A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-20	0404116A-18A	4/6/2004	Trichloroethene	0.07		PPMV	0.26
SVM-04-20	0404116A-18A	4/6/2004	Vinyl Chloride	0.0066		PPMV	1
SVM-04-21	0404140A-19A	4/7/2004	1,1,1-Trichloroethane	6.1		PPMV	130
SVM-04-21	0404140A-19A	4/7/2004	1,1-Dichloroethene	0.67		PPMV	7
SVM-04-21	0404140A-19A	4/7/2004	cis-1,2-Dichloroethene	0.29		PPMV	35
SVM-04-21	0404140A-19A	4/7/2004	Tetrachloroethene	0.37		PPMV	1
SVM-04-21	0404140A-19A	4/7/2004	trans-1,2-Dichloroethene	0.2	U	PPMV	70
SVM-04-21	0404140A-19A	4/7/2004	Trichloroethene	130		PPMV	0.26
SVM-04-21	0404140A-19A	4/7/2004	Vinyl Chloride	0.2	U	PPMV	1
SVM-04-22	0404140A-20A	4/7/2004	1,1,1-Trichloroethane	2.6		PPMV	130
SVM-04-22	0404140A-20A	4/7/2004	1,1-Dichloroethene	0.31		PPMV	7
SVM-04-22	0404140A-20A	4/7/2004	cis-1,2-Dichloroethene	0.28		PPMV	35
SVM-04-22	0404140A-20A	4/7/2004	Tetrachloroethene	0.21		PPMV	1
SVM-04-22	0404140A-20A	4/7/2004	trans-1,2-Dichloroethene	0.05	U	PPMV	70
SVM-04-22	0404140A-20A	4/7/2004	Trichloroethene	38		PPMV	0.26
SVM-04-22	0404140A-20A	4/7/2004	Vinyl Chloride	0.05	U	PPMV	1
SVM-04-23	0404140B-21A	4/7/2004	1,1,1-Trichloroethane	0.068		PPMV	130
SVM-04-23	0404140B-21A	4/7/2004	1,1-Dichloroethene	0.028	U	PPMV	7
SVM-04-23	0404140B-21A	4/7/2004	cis-1,2-Dichloroethene	18		PPMV	35
SVM-04-23	0404140B-21A	4/7/2004	Tetrachloroethene	0.05		PPMV	1
SVM-04-23	0404140B-21A	4/7/2004	trans-1,2-Dichloroethene	0.47		PPMV	70
SVM-04-23	0404140B-21A	4/7/2004	Trichloroethene	8.6		PPMV	0.26

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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-23	0404140B-21A	4/7/2004	Vinyl Chloride	0.028	U	PPMV	1
SVM-04-24	0404140B-22A	4/7/2004	1,1,1-Trichloroethane	0.12		PPMV	130
SVM-04-24	0404140B-22A	4/7/2004	1,1-Dichloroethene	0.019		PPMV	7
SVM-04-24	0404140B-22A	4/7/2004	cis-1,2-Dichloroethene	0.13		PPMV	35
SVM-04-24	0404140B-22A	4/7/2004	Tetrachloroethene	0.046		PPMV	1
SVM-04-24	0404140B-22A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-24	0404140B-22A	4/7/2004	Trichloroethene	4.2		PPMV	0.26
SVM-04-24	0404140B-22A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-25	0404140B-23A	4/7/2004	1,1,1-Trichloroethane	0.17		PPMV	130
SVM-04-25	0404140B-23A	4/7/2004	1,1-Dichloroethene	0.03		PPMV	7
SVM-04-25	0404140B-23A	4/7/2004	cis-1,2-Dichloroethene	0.19		PPMV	35
SVM-04-25	0404140B-23A	4/7/2004	Tetrachloroethene	0.063		PPMV	1
SVM-04-25	0404140B-23A	4/7/2004	trans-1,2-Dichloroethene	0.03		PPMV	70
SVM-04-25	0404140B-23A	4/7/2004	Trichloroethene	5.4		PPMV	0.26
SVM-04-25	0404140B-23A	4/7/2004	Vinyl Chloride	0.0066	U	PPMV	1
SVM-04-26	0404140B-24A	4/7/2004	1,1,1-Trichloroethane	0.084		PPMV	130
SVM-04-26	0404140B-24A	4/7/2004	1,1-Dichloroethene	0.019		PPMV	7
SVM-04-26	0404140B-24A	4/7/2004	cis-1,2-Dichloroethene	0.063		PPMV	35
SVM-04-26	0404140B-24A	4/7/2004	Tetrachloroethene	0.03		PPMV	1
SVM-04-26	0404140B-24A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-26	0404140B-24A	4/7/2004	Trichloroethene	0.97		PPMV	0.26
SVM-04-26	0404140B-24A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-27	0404116C-35A	4/6/2004	1,1,1-Trichloroethane	0.038		PPMV	130
SVM-04-27	0404116C-35A	4/6/2004	1,1-Dichloroethene	0.0054		PPMV	7
SVM-04-27	0404116C-35A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-27	0404116C-35A	4/6/2004	Tetrachloroethene	0.17		PPMV	1
SVM-04-27	0404116C-35A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-27	0404116C-35A	4/6/2004	Trichloroethene	0.081		PPMV	0.26
SVM-04-27	0404116C-35A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-28	0404116C-36A	4/6/2004	1,1,1-Trichloroethane	0.01		PPMV	130
SVM-04-28	0404116C-36A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-28	0404116C-36A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-28	0404116C-36A	4/6/2004	Tetrachloroethene	0.035		PPMV	1
SVM-04-28	0404116C-36A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-28	0404116C-36A	4/6/2004	Trichloroethene	0.0088		PPMV	0.26
SVM-04-28	0404116C-36A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-29	0404116C-37A	4/6/2004	1,1,1-Trichloroethane	0.025		PPMV	130
SVM-04-29	0404116C-37A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-29	0404116C-37A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-29	0404116C-37A	4/6/2004	Tetrachloroethene	1.9		PPMV	1
SVM-04-29	0404116C-37A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-29	0404116C-37A	4/6/2004	Trichloroethene	0.17		PPMV	0.26
SVM-04-29	0404116C-37A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-30	0404116C-38A	4/6/2004	1,1,1-Trichloroethane	0.013		PPMV	130
SVM-04-30	0404116C-38A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-30	0404116C-38A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-30	0404116C-38A	4/6/2004	Tetrachloroethene	0.088		PPMV	1
SVM-04-30	0404116C-38A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-30	0404116C-38A	4/6/2004	Trichloroethene	0.068		PPMV	0.26
SVM-04-30	0404116C-38A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-31	0404116C-39A	4/6/2004	1,1,1-Trichloroethane	0.0089		PPMV	130

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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-31	0404116C-39A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-31	0404116C-39A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-31	0404116C-39A	4/6/2004	Tetrachloroethene	0.88		PPMV	1
SVM-04-31	0404116C-39A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-31	0404116C-39A	4/6/2004	Trichloroethene	0.18		PPMV	0.26
SVM-04-31	0404116C-39A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-32	0404140A-01A	4/7/2004	1,1,1-Trichloroethane	0.011		PPMV	130
SVM-04-32	0404140A-01A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-32	0404140A-01A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-32	0404140A-01A	4/7/2004	Tetrachloroethene	0.2		PPMV	1
SVM-04-32	0404140A-01A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-32	0404140A-01A	4/7/2004	Trichloroethene	0.18		PPMV	0.26
SVM-04-32	0404140A-01A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-33	0404116C-40A	4/6/2004	1,1,1-Trichloroethane	0.035		PPMV	130
SVM-04-33	0404116C-40A	4/6/2004	1,1-Dichloroethene	0.0071		PPMV	7
SVM-04-33	0404116C-40A	4/6/2004	cis-1,2-Dichloroethene	0.019		PPMV	35
SVM-04-33	0404116C-40A	4/6/2004	Tetrachloroethene	0.27		PPMV	1
SVM-04-33	0404116C-40A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-33	0404116C-40A	4/6/2004	Trichloroethene	0.12		PPMV	0.26
SVM-04-33	0404116C-40A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-34	0404116C-41A	4/6/2004	1,1,1-Trichloroethane	0.21		PPMV	130
SVM-04-34	0404116C-41A	4/6/2004	1,1-Dichloroethene	0.04		PPMV	7
SVM-04-34	0404116C-41A	4/6/2004	cis-1,2-Dichloroethene	0.011		PPMV	35
SVM-04-34	0404116C-41A	4/6/2004	Tetrachloroethene	1.7		PPMV	1
SVM-04-34	0404116C-41A	4/6/2004	trans-1,2-Dichloroethene	0.0066		PPMV	70
SVM-04-34	0404116C-41A	4/6/2004	Trichloroethene	0.44		PPMV	0.26
SVM-04-34	0404116C-41A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-35	0404140A-02A	4/7/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-35	0404140A-02A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-35	0404140A-02A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-35	0404140A-02A	4/7/2004	Tetrachloroethene	0.0072		PPMV	1
SVM-04-35	0404140A-02A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-35	0404140A-02A	4/7/2004	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-35	0404140A-02A	4/7/2004	Vinyl Chloride	0.007		PPMV	1
SVM-04-36	0404116C-42A	4/6/2004	1,1,1-Trichloroethane	0.041		PPMV	130
SVM-04-36	0404116C-42A	4/6/2004	1,1-Dichloroethene	0.0071		PPMV	7
SVM-04-36	0404116C-42A	4/6/2004	cis-1,2-Dichloroethene	0.18		PPMV	35
SVM-04-36	0404116C-42A	4/6/2004	Tetrachloroethene	1.6		PPMV	1
SVM-04-36	0404116C-42A	4/6/2004	trans-1,2-Dichloroethene	0.0058		PPMV	70
SVM-04-36	0404116C-42A	4/6/2004	Trichloroethene	0.41		PPMV	0.26
SVM-04-36	0404116C-42A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-37	0404116C-43A	4/6/2004	1,1,1-Trichloroethane	0.029		PPMV	130
SVM-04-37	0404116C-43A	4/6/2004	1,1-Dichloroethene	0.0059		PPMV	7
SVM-04-37	0404116C-43A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-37	0404116C-43A	4/6/2004	Tetrachloroethene	0.34		PPMV	1
SVM-04-37	0404116C-43A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-37	0404116C-43A	4/6/2004	Trichloroethene	0.073		PPMV	0.26
SVM-04-37	0404116C-43A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-38	0404140A-03A	4/7/2004	1,1,1-Trichloroethane	0.04		PPMV	130
SVM-04-38	0404140A-03A	4/7/2004	1,1-Dichloroethene	0.009		PPMV	7
SVM-04-38	0404140A-03A	4/7/2004	cis-1,2-Dichloroethene	0.034		PPMV	35

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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-38	0404140A-03A	4/7/2004	Tetrachloroethene	0.38		PPMV	1
SVM-04-38	0404140A-03A	4/7/2004	trans-1,2-Dichloroethene	0.018		PPMV	70
SVM-04-38	0404140A-03A	4/7/2004	Trichloroethene	2.5		PPMV	0.26
SVM-04-38	0404140A-03A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-39	0404140A-04A	4/7/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-39	0404140A-04A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-39	0404140A-04A	4/7/2004	cis-1,2-Dichloroethene	0.047		PPMV	35
SVM-04-39	0404140A-04A	4/7/2004	Tetrachloroethene	0.62		PPMV	1
SVM-04-39	0404140A-04A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-39	0404140A-04A	4/7/2004	Trichloroethene	0.42		PPMV	0.26
SVM-04-39	0404140A-04A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-40	0404140A-05A	4/7/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-40	0404140A-05A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-40	0404140A-05A	4/7/2004	cis-1,2-Dichloroethene	0.036		PPMV	35
SVM-04-40	0404140A-05A	4/7/2004	Tetrachloroethene	0.6		PPMV	1
SVM-04-40	0404140A-05A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-40	0404140A-05A	4/7/2004	Trichloroethene	0.96		PPMV	0.26
SVM-04-40	0404140A-05A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-41	0404140A-06A	4/7/2004	1,1,1-Trichloroethane	0.0051		PPMV	130
SVM-04-41	0404140A-06A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-41	0404140A-06A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-41	0404140A-06A	4/7/2004	Tetrachloroethene	0.14		PPMV	1
SVM-04-41	0404140A-06A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-41	0404140A-06A	4/7/2004	Trichloroethene	0.18		PPMV	0.26
SVM-04-41	0404140A-06A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-42	0404140A-08A	4/7/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-42	0404140A-08A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-42	0404140A-08A	4/7/2004	cis-1,2-Dichloroethene	0.017		PPMV	35
SVM-04-42	0404140A-08A	4/7/2004	Tetrachloroethene	0.22		PPMV	1
SVM-04-42	0404140A-08A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-42	0404140A-08A	4/7/2004	Trichloroethene	0.19		PPMV	0.26
SVM-04-42	0404140A-08A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-43	0404116B-25A	4/6/2004	1,1,1-Trichloroethane	0.0087		PPMV	130
SVM-04-43	0404116B-25A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-43	0404116B-25A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-43	0404116B-25A	4/6/2004	Tetrachloroethene	0.006		PPMV	1
SVM-04-43	0404116B-25A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-43	0404116B-25A	4/6/2004	Trichloroethene	0.018		PPMV	0.26
SVM-04-43	0404116B-25A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-44	0404140A-09A	4/7/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-44	0404140A-09A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-44	0404140A-09A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-44	0404140A-09A	4/7/2004	Tetrachloroethene	0.014		PPMV	1
SVM-04-44	0404140A-09A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-44	0404140A-09A	4/7/2004	Trichloroethene	0.015		PPMV	0.26
SVM-04-44	0404140A-09A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-45	0404116B-26A	4/6/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-45	0404116B-26A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-45	0404116B-26A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-45	0404116B-26A	4/6/2004	Tetrachloroethene	0.0087		PPMV	1
SVM-04-45	0404116B-26A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70

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SVM-04-45	0404116B-26A	4/6/2004	Trichloroethene	0.016		PPMV	0.26
SVM-04-45	0404116B-26A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-46	0404116B-27A	4/6/2004	1,1,1-Trichloroethane	0.084		PPMV	130
SVM-04-46	0404116B-27A	4/6/2004	1,1-Dichloroethene	0.012		PPMV	7
SVM-04-46	0404116B-27A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-46	0404116B-27A	4/6/2004	Tetrachloroethene	0.027		PPMV	1
SVM-04-46	0404116B-27A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-46	0404116B-27A	4/6/2004	Trichloroethene	0.022		PPMV	0.26
SVM-04-46	0404116B-27A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-47	0404140A-10A	4/7/2004	1,1,1-Trichloroethane	1.5		PPMV	130
SVM-04-47	0404140A-10A	4/7/2004	1,1-Dichloroethene	0.15		PPMV	7
SVM-04-47	0404140A-10A	4/7/2004	cis-1,2-Dichloroethene	0.01		PPMV	35
SVM-04-47	0404140A-10A	4/7/2004	Tetrachloroethene	0.42		PPMV	1
SVM-04-47	0404140A-10A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-47	0404140A-10A	4/7/2004	Trichloroethene	0.19		PPMV	0.26
SVM-04-47	0404140A-10A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-48	0404140A-11A	4/7/2004	1,1,1-Trichloroethane	0.64		PPMV	130
SVM-04-48	0404140A-11A	4/7/2004	1,1-Dichloroethene	0.084		PPMV	7
SVM-04-48	0404140A-11A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-48	0404140A-11A	4/7/2004	Tetrachloroethene	0.72		PPMV	1
SVM-04-48	0404140A-11A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-48	0404140A-11A	4/7/2004	Trichloroethene	3.8		PPMV	0.26
SVM-04-48	0404140A-11A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-49	0404140A-12A	4/7/2004	1,1,1-Trichloroethane	0.027		PPMV	130
SVM-04-49	0404140A-12A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-49	0404140A-12A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-49	0404140A-12A	4/7/2004	Tetrachloroethene	0.063		PPMV	1
SVM-04-49	0404140A-12A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-49	0404140A-12A	4/7/2004	Trichloroethene	0.7		PPMV	0.26
SVM-04-49	0404140A-12A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-50	0404116B-24A	4/6/2004	1,1,1-Trichloroethane	0.0073		PPMV	130
SVM-04-50	0404116B-24A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-50	0404116B-24A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-50	0404116B-24A	4/6/2004	Tetrachloroethene	0.013		PPMV	1
SVM-04-50	0404116B-24A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-50	0404116B-24A	4/6/2004	Trichloroethene	0.026		PPMV	0.26
SVM-04-50	0404116B-24A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-51	0404116B-28A	4/6/2004	1,1,1-Trichloroethane	0.041		PPMV	130
SVM-04-51	0404116B-28A	4/6/2004	1,1-Dichloroethene	0.0063		PPMV	7
SVM-04-51	0404116B-28A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-51	0404116B-28A	4/6/2004	Tetrachloroethene	0.0099		PPMV	1
SVM-04-51	0404116B-28A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-51	0404116B-28A	4/6/2004	Trichloroethene	0.014		PPMV	0.26
SVM-04-51	0404116B-28A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-52	0404140A-13A	4/7/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-52	0404140A-13A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-52	0404140A-13A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-52	0404140A-13A	4/7/2004	Tetrachloroethene	0.018		PPMV	1
SVM-04-52	0404140A-13A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-52	0404140A-13A	4/7/2004	Trichloroethene	0.029		PPMV	0.26
SVM-04-52	0404140A-13A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1

**TABLE 2
APRIL 2004 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-53	0404140A-14A	4/7/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-53	0404140A-14A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-53	0404140A-14A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-53	0404140A-14A	4/7/2004	Tetrachloroethene	0.057		PPMV	1
SVM-04-53	0404140A-14A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-53	0404140A-14A	4/7/2004	Trichloroethene	0.018		PPMV	0.26
SVM-04-53	0404140A-14A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-54	0404140A-15A	4/7/2004	1,1,1-Trichloroethane	0.032		PPMV	130
SVM-04-54	0404140A-15A	4/7/2004	1,1-Dichloroethene	0.0053		PPMV	7
SVM-04-54	0404140A-15A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-54	0404140A-15A	4/7/2004	Tetrachloroethene	0.078		PPMV	1
SVM-04-54	0404140A-15A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-54	0404140A-15A	4/7/2004	Trichloroethene	0.12		PPMV	0.26
SVM-04-54	0404140A-15A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-55	0404140A-16A	4/7/2004	1,1,1-Trichloroethane	0.02		PPMV	130
SVM-04-55	0404140A-16A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-55	0404140A-16A	4/7/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-55	0404140A-16A	4/7/2004	Tetrachloroethene	0.047		PPMV	1
SVM-04-55	0404140A-16A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-55	0404140A-16A	4/7/2004	Trichloroethene	0.025		PPMV	0.26
SVM-04-55	0404140A-16A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-56	0404116B-30A	4/6/2004	1,1,1-Trichloroethane	0.026		PPMV	130
SVM-04-56	0404116B-30A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-56	0404116B-30A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-56	0404116B-30A	4/6/2004	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-56	0404116B-30A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-56	0404116B-30A	4/6/2004	Trichloroethene	0.012		PPMV	0.26
SVM-04-56	0404116B-30A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-58	0404116C-34A	4/6/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-58	0404116C-34A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-58	0404116C-34A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-58	0404116C-34A	4/6/2004	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-58	0404116C-34A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-58	0404116C-34A	4/6/2004	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-58	0404116C-34A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-59	0404116C-31A	4/6/2004	1,1,1-Trichloroethane	0.66		PPMV	130
SVM-04-59	0404116C-31A	4/6/2004	1,1-Dichloroethene	0.1		PPMV	7
SVM-04-59	0404116C-31A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-59	0404116C-31A	4/6/2004	Tetrachloroethene	0.0096		PPMV	1
SVM-04-59	0404116C-31A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-59	0404116C-31A	4/6/2004	Trichloroethene	0.015		PPMV	0.26
SVM-04-59	0404116C-31A	4/6/2004	Vinyl Chloride	0.0068		PPMV	1
SVM-04-60	0404116C-32A	4/6/2004	1,1,1-Trichloroethane	0.0095		PPMV	130
SVM-04-60	0404116C-32A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-60	0404116C-32A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-60	0404116C-32A	4/6/2004	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-60	0404116C-32A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-60	0404116C-32A	4/6/2004	Trichloroethene	0.0076		PPMV	0.26
SVM-04-60	0404116C-32A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-61	0404116C-33A	4/6/2004	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-61	0404116C-33A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7

**TABLE 2
APRIL 2004 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-61	0404116C-33A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-61	0404116C-33A	4/6/2004	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-61	0404116C-33A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-61	0404116C-33A	4/6/2004	Trichloroethene	0.007		PPMV	0.26
SVM-04-61	0404116C-33A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-62	0404140B-25A	4/7/2004	1,1,1-Trichloroethane	0.0058		PPMV	130
SVM-04-62	0404140B-25A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-62	0404140B-25A	4/7/2004	cis-1,2-Dichloroethene	0.015		PPMV	35
SVM-04-62	0404140B-25A	4/7/2004	Tetrachloroethene	0.0069		PPMV	1
SVM-04-62	0404140B-25A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-62	0404140B-25A	4/7/2004	Trichloroethene	0.25		PPMV	0.26
SVM-04-62	0404140B-25A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-63	0404140B-26A	4/7/2004	1,1,1-Trichloroethane	0.38		PPMV	130
SVM-04-63	0404140B-26A	4/7/2004	1,1-Dichloroethene	0.073		PPMV	7
SVM-04-63	0404140B-26A	4/7/2004	cis-1,2-Dichloroethene	0.034		PPMV	35
SVM-04-63	0404140B-26A	4/7/2004	Tetrachloroethene	0.042		PPMV	1
SVM-04-63	0404140B-26A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-63	0404140B-26A	4/7/2004	Trichloroethene	0.32		PPMV	0.26
SVM-04-63	0404140B-26A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-64	0404140B-28A	4/7/2004	1,1,1-Trichloroethane	0.017		PPMV	130
SVM-04-64	0404140B-28A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-64	0404140B-28A	4/7/2004	cis-1,2-Dichloroethene	0.0081		PPMV	35
SVM-04-64	0404140B-28A	4/7/2004	Tetrachloroethene	0.0073		PPMV	1
SVM-04-64	0404140B-28A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-64	0404140B-28A	4/7/2004	Trichloroethene	0.15		PPMV	0.26
SVM-04-64	0404140B-28A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-65	0404140B-29A	4/7/2004	1,1,1-Trichloroethane	0.018		PPMV	130
SVM-04-65	0404140B-29A	4/7/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-65	0404140B-29A	4/7/2004	cis-1,2-Dichloroethene	0.0067		PPMV	35
SVM-04-65	0404140B-29A	4/7/2004	Tetrachloroethene	0.0085		PPMV	1
SVM-04-65	0404140B-29A	4/7/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-65	0404140B-29A	4/7/2004	Trichloroethene	0.14		PPMV	0.26
SVM-04-65	0404140B-29A	4/7/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-66	0404116A-20A	4/6/2004	1,1,1-Trichloroethane	0.097		PPMV	130
SVM-04-66	0404116A-20A	4/6/2004	1,1-Dichloroethene	0.015		PPMV	7
SVM-04-66	0404116A-20A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-66	0404116A-20A	4/6/2004	Tetrachloroethene	0.084		PPMV	1
SVM-04-66	0404116A-20A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-66	0404116A-20A	4/6/2004	Trichloroethene	0.088		PPMV	0.26
SVM-04-66	0404116A-20A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-68	0404116A-19A	4/6/2004	1,1,1-Trichloroethane	0.0076		PPMV	130
SVM-04-68	0404116A-19A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-68	0404116A-19A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-68	0404116A-19A	4/6/2004	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-68	0404116A-19A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-68	0404116A-19A	4/6/2004	Trichloroethene	0.047		PPMV	0.26
SVM-04-68	0404116A-19A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-69	0404116B-21A	4/6/2004	1,1,1-Trichloroethane	0.019		PPMV	130
SVM-04-69	0404116B-21A	4/6/2004	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-69	0404116B-21A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-69	0404116B-21A	4/6/2004	Tetrachloroethene	0.0062		PPMV	1

TABLE 2
APRIL 2004 SOIL VAPOR MONITORING DATA

STRATFORD ARMY ENGINE PLANT
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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-69	0404116B-21A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-69	0404116B-21A	4/6/2004	Trichloroethene	0.034		PPMV	0.26
SVM-04-69	0404116B-21A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-70	0404116B-22A	4/6/2004	1,1,1-Trichloroethane	0.63		PPMV	130
SVM-04-70	0404116B-22A	4/6/2004	1,1-Dichloroethene	0.057		PPMV	7
SVM-04-70	0404116B-22A	4/6/2004	cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-70	0404116B-22A	4/6/2004	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-70	0404116B-22A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-70	0404116B-22A	4/6/2004	Trichloroethene	0.024		PPMV	0.26
SVM-04-70	0404116B-22A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1
SVM-04-71	0404116B-23A	4/6/2004	1,1,1-Trichloroethane	0.15		PPMV	130
SVM-04-71	0404116B-23A	4/6/2004	1,1-Dichloroethene	0.02		PPMV	7
SVM-04-71	0404116B-23A	4/6/2004	cis-1,2-Dichloroethene	0.028		PPMV	35
SVM-04-71	0404116B-23A	4/6/2004	Tetrachloroethene	0.13		PPMV	1
SVM-04-71	0404116B-23A	4/6/2004	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-71	0404116B-23A	4/6/2004	Trichloroethene	0.042		PPMV	0.26
SVM-04-71	0404116B-23A	4/6/2004	Vinyl Chloride	0.005	U	PPMV	1

Notes: Shading indicates analyte concentration exceeds CTDEP I/C SV VC
* Proposed March 2003 CTDEP Industrial/Commercial Soil Vapor Volatilization Criteria
PPMV - parts per million by volume

**TABLE 3
MARCH 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-27	0503312A-10A	3/16/2005	1,1,1-Trichloroethane	0.038		PPMV	130
SVM-04-27	0503312A-10A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-27	0503312A-10A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-27	0503312A-10A	3/16/2005	Tetrachloroethene	0.22		PPMV	1
SVM-04-27	0503312A-10A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-27	0503312A-10A	3/16/2005	Trichloroethene	0.12		PPMV	0.26
SVM-04-27	0503312A-10A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-28	0503312A-11A	3/16/2005	1,1,1-Trichloroethane	0.012		PPMV	130
SVM-04-28	0503312A-11A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-28	0503312A-11A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-28	0503312A-11A	3/16/2005	Tetrachloroethene	0.075		PPMV	1
SVM-04-28	0503312A-11A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-28	0503312A-11A	3/16/2005	Trichloroethene	0.03		PPMV	0.26
SVM-04-28	0503312A-11A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-29	0503312A-17A	3/16/2005	1,1,1-Trichloroethane	0.022		PPMV	130
SVM-04-29	0503312A-17A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-29	0503312A-17A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-29	0503312A-17A	3/16/2005	Tetrachloroethene	1.4		PPMV	1
SVM-04-29	0503312A-17A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-29	0503312A-17A	3/16/2005	Trichloroethene	0.2		PPMV	0.26
SVM-04-29	0503312A-17A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-30	0503312A-09A	3/16/2005	1,1,1-Trichloroethane	0.0098		PPMV	130
SVM-04-30	0503312A-09A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-30	0503312A-09A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-30	0503312A-09A	3/16/2005	Tetrachloroethene	0.1		PPMV	1
SVM-04-30	0503312A-09A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-30	0503312A-09A	3/16/2005	Trichloroethene	0.1		PPMV	0.26
SVM-04-30	0503312A-09A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-31	0503312A-12A	3/16/2005	1,1,1-Trichloroethane	0.0098		PPMV	130
SVM-04-31	0503312A-12A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-31	0503312A-12A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-31	0503312A-12A	3/16/2005	Tetrachloroethene	0.29		PPMV	1
SVM-04-31	0503312A-12A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-31	0503312A-12A	3/16/2005	Trichloroethene	0.16		PPMV	0.26
SVM-04-31	0503312A-12A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-32	0503312B-36A	3/16/2005	1,1,1-Trichloroethane	0.014		PPMV	130
SVM-04-32	0503312B-36A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-32	0503312B-36A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-32	0503312B-36A	3/16/2005	Tetrachloroethene	0.25		PPMV	1
SVM-04-32	0503312B-36A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-32	0503312B-36A	3/16/2005	Trichloroethene	0.23		PPMV	0.26
SVM-04-32	0503312B-36A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-33	0503312A-08A	3/16/2005	1,1,1-Trichloroethane	0.031		PPMV	130
SVM-04-33	0503312A-08A	3/16/2005	1,1-Dichloroethene	0.0055		PPMV	7
SVM-04-33	0503312A-08A	3/16/2005	Cis-1,2-Dichloroethene	0.009		PPMV	35
SVM-04-33	0503312A-08A	3/16/2005	Tetrachloroethene	0.31		PPMV	1
SVM-04-33	0503312A-08A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-33	0503312A-08A	3/16/2005	Trichloroethene	0.14		PPMV	0.26

**TABLE 3
MARCH 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-33	0503312A-08A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-34	0503312A-13A	3/16/2005	1,1,1-Trichloroethane	0.2		PPMV	130
SVM-04-34	0503312A-13A	3/16/2005	1,1-Dichloroethene	0.028		PPMV	7
SVM-04-34	0503312A-13A	3/16/2005	Cis-1,2-Dichloroethene	0.01		PPMV	35
SVM-04-34	0503312A-13A	3/16/2005	Tetrachloroethene	1.6		PPMV	1
SVM-04-34	0503312A-13A	3/16/2005	trans-1,2-Dichloroethene	0.008		PPMV	70
SVM-04-34	0503312A-13A	3/16/2005	Trichloroethene	0.54		PPMV	0.26
SVM-04-34	0503312A-13A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-35	0503312B-35A	3/16/2005	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-35	0503312B-35A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-35	0503312B-35A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-35	0503312B-35A	3/16/2005	Tetrachloroethene	0.02		PPMV	1
SVM-04-35	0503312B-35A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-35	0503312B-35A	3/16/2005	Trichloroethene	0.042		PPMV	0.26
SVM-04-35	0503312B-35A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-36	0503312A-07A	3/16/2005	1,1,1-Trichloroethane	0.033		PPMV	130
SVM-04-36	0503312A-07A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-36	0503312A-07A	3/16/2005	Cis-1,2-Dichloroethene	0.21		PPMV	35
SVM-04-36	0503312A-07A	3/16/2005	Tetrachloroethene	1.3		PPMV	1
SVM-04-36	0503312A-07A	3/16/2005	trans-1,2-Dichloroethene	0.0081		PPMV	70
SVM-04-36	0503312A-07A	3/16/2005	Trichloroethene	0.47		PPMV	0.26
SVM-04-36	0503312A-07A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-37	0503312A-14A	3/16/2005	1,1,1-Trichloroethane	0.034		PPMV	130
SVM-04-37	0503312A-14A	3/16/2005	1,1-Dichloroethene	0.0056		PPMV	7
SVM-04-37	0503312A-14A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-37	0503312A-14A	3/16/2005	Tetrachloroethene	0.51		PPMV	1
SVM-04-37	0503312A-14A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-37	0503312A-14A	3/16/2005	Trichloroethene	0.12		PPMV	0.26
SVM-04-37	0503312A-14A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-38	0503312B-34A	3/16/2005	1,1,1-Trichloroethane	0.04		PPMV	130
SVM-04-38	0503312B-34A	3/16/2005	1,1-Dichloroethene	0.0076		PPMV	7
SVM-04-38	0503312B-34A	3/16/2005	Cis-1,2-Dichloroethene	0.029		PPMV	35
SVM-04-38	0503312B-34A	3/16/2005	Tetrachloroethene	0.46		PPMV	1
SVM-04-38	0503312B-34A	3/16/2005	trans-1,2-Dichloroethene	0.018		PPMV	70
SVM-04-38	0503312B-34A	3/16/2005	Trichloroethene	2.9		PPMV	0.26
SVM-04-38	0503312B-34A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-39	0503312A-16A	3/16/2005	1,1,1-Trichloroethane	0.0068		PPMV	130
SVM-04-39	0503312A-16A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-39	0503312A-16A	3/16/2005	Cis-1,2-Dichloroethene	0.068		PPMV	35
SVM-04-39	0503312A-16A	3/16/2005	Tetrachloroethene	0.64		PPMV	1
SVM-04-39	0503312A-16A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-39	0503312A-16A	3/16/2005	Trichloroethene	0.42		PPMV	0.26
SVM-04-39	0503312A-16A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-40	0503312A-15A	3/16/2005	1,1,1-Trichloroethane	0.0094		PPMV	130
SVM-04-40	0503312A-15A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-40	0503312A-15A	3/16/2005	Cis-1,2-Dichloroethene	0.027		PPMV	35
SVM-04-40	0503312A-15A	3/16/2005	Tetrachloroethene	0.5		PPMV	1
SVM-04-40	0503312A-15A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70

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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-40	0503312A-15A	3/16/2005	Trichloroethene	0.67		PPMV	0.26
SVM-04-40	0503312A-15A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-41	0503312B-33A	3/16/2005	1,1,1-Trichloroethane	0.0062		PPMV	130
SVM-04-41	0503312B-33A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-41	0503312B-33A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-41	0503312B-33A	3/16/2005	Tetrachloroethene	0.14		PPMV	1
SVM-04-41	0503312B-33A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-41	0503312B-33A	3/16/2005	Trichloroethene	0.2		PPMV	0.26
SVM-04-41	0503312B-33A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-42	0503312A-06A	3/16/2005	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-42	0503312A-06A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-42	0503312A-06A	3/16/2005	Cis-1,2-Dichloroethene	0.021		PPMV	35
SVM-04-42	0503312A-06A	3/16/2005	Tetrachloroethene	0.22		PPMV	1
SVM-04-42	0503312A-06A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-42	0503312A-06A	3/16/2005	Trichloroethene	0.26		PPMV	0.26
SVM-04-42	0503312A-06A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-44	0503312B-29A	3/16/2005	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-44	0503312B-29A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-44	0503312B-29A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-44	0503312B-29A	3/16/2005	Tetrachloroethene	0.0061		PPMV	1
SVM-04-44	0503312B-29A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-44	0503312B-29A	3/16/2005	Trichloroethene	0.0064		PPMV	0.26
SVM-04-44	0503312B-29A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-47	0503312B-30A	3/16/2005	1,1,1-Trichloroethane	1.1		PPMV	130
SVM-04-47	0503312B-30A	3/16/2005	1,1-Dichloroethene	0.14		PPMV	7
SVM-04-47	0503312B-30A	3/16/2005	Cis-1,2-Dichloroethene	0.011		PPMV	35
SVM-04-47	0503312B-30A	3/16/2005	Tetrachloroethene	0.47		PPMV	1
SVM-04-47	0503312B-30A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-47	0503312B-30A	3/16/2005	Trichloroethene	0.23		PPMV	0.26
SVM-04-47	0503312B-30A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-48	0503312B-31A	3/16/2005	1,1,1-Trichloroethane	0.69		PPMV	130
SVM-04-48	0503312B-31A	3/16/2005	1,1-Dichloroethene	0.075		PPMV	7
SVM-04-48	0503312B-31A	3/16/2005	Cis-1,2-Dichloroethene	0.006	U	PPMV	35
SVM-04-48	0503312B-31A	3/16/2005	Tetrachloroethene	1		PPMV	1
SVM-04-48	0503312B-31A	3/16/2005	trans-1,2-Dichloroethene	0.006	U	PPMV	70
SVM-04-48	0503312B-31A	3/16/2005	Trichloroethene	5.1		PPMV	0.26
SVM-04-48	0503312B-31A	3/16/2005	Vinyl chloride	0.006	U	PPMV	1
SVM-04-49	0503312B-32A	3/16/2005	1,1,1-Trichloroethane	0.027		PPMV	130
SVM-04-49	0503312B-32A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-49	0503312B-32A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-49	0503312B-32A	3/16/2005	Tetrachloroethene	0.088		PPMV	1
SVM-04-49	0503312B-32A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-49	0503312B-32A	3/16/2005	Trichloroethene	0.94		PPMV	0.26
SVM-04-49	0503312B-32A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-52	0503312B-37A	3/16/2005	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-52	0503312B-37A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-52	0503312B-37A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-52	0503312B-37A	3/16/2005	Tetrachloroethene	0.005	U	PPMV	1

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SVM-04-52	0503312B-37A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-52	0503312B-37A	3/16/2005	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-52	0503312B-37A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-53	0503312B-27A	3/16/2005	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-53	0503312B-27A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-53	0503312B-27A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-53	0503312B-27A	3/16/2005	Tetrachloroethene	0.048		PPMV	1
SVM-04-53	0503312B-27A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-53	0503312B-27A	3/16/2005	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-53	0503312B-27A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-54	0503312B-28A	3/16/2005	1,1,1-Trichloroethane	0.028		PPMV	130
SVM-04-54	0503312B-28A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-54	0503312B-28A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-54	0503312B-28A	3/16/2005	Tetrachloroethene	0.072		PPMV	1
SVM-04-54	0503312B-28A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-54	0503312B-28A	3/16/2005	Trichloroethene	0.11		PPMV	0.26
SVM-04-54	0503312B-28A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-55	0503312B-26A	3/16/2005	1,1,1-Trichloroethane	0.016		PPMV	130
SVM-04-55	0503312B-26A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-55	0503312B-26A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-55	0503312B-26A	3/16/2005	Tetrachloroethene	0.034		PPMV	1
SVM-04-55	0503312B-26A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-55	0503312B-26A	3/16/2005	Trichloroethene	0.012		PPMV	0.26
SVM-04-55	0503312B-26A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-56	0503312B-25A	3/16/2005	1,1,1-Trichloroethane	0.024		PPMV	130
SVM-04-56	0503312B-25A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-56	0503312B-25A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-56	0503312B-25A	3/16/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-56	0503312B-25A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-56	0503312B-25A	3/16/2005	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-56	0503312B-25A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-59	0503312B-24A	3/16/2005	1,1,1-Trichloroethane	1.1		PPMV	130
SVM-04-59	0503312B-24A	3/16/2005	1,1-Dichloroethene	0.13		PPMV	7
SVM-04-59	0503312B-24A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-59	0503312B-24A	3/16/2005	Tetrachloroethene	0.01		PPMV	1
SVM-04-59	0503312B-24A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-59	0503312B-24A	3/16/2005	Trichloroethene	0.0085		PPMV	0.26
SVM-04-59	0503312B-24A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-60	0503312B-23A	3/16/2005	1,1,1-Trichloroethane	0.01		PPMV	130
SVM-04-60	0503312B-23A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-60	0503312B-23A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-60	0503312B-23A	3/16/2005	Tetrachloroethene	0.0062		PPMV	1
SVM-04-60	0503312B-23A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-60	0503312B-23A	3/16/2005	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-60	0503312B-23A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-61	0503312A-04A	3/16/2005	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-61	0503312A-04A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-61	0503312A-04A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35

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SVM-04-61	0503312A-04A	3/16/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-61	0503312A-04A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-61	0503312A-04A	3/16/2005	Trichloroethene	0.043		PPMV	0.26
SVM-04-61	0503312A-04A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-62	0503350-05A	3/17/2005	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-62	0503350-05A	3/17/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-62	0503350-05A	3/17/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-62	0503350-05A	3/17/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-62	0503350-05A	3/17/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-62	0503350-05A	3/17/2005	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-62	0503350-05A	3/17/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-63	0503350-06A	3/17/2005	1,1,1-Trichloroethane	0.36		PPMV	130
SVM-04-63	0503350-06A	3/17/2005	1,1-Dichloroethene	0.024		PPMV	7
SVM-04-63	0503350-06A	3/17/2005	Cis-1,2-Dichloroethene	0.018		PPMV	35
SVM-04-63	0503350-06A	3/17/2005	Tetrachloroethene	0.035		PPMV	1
SVM-04-63	0503350-06A	3/17/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-63	0503350-06A	3/17/2005	Trichloroethene	0.15		PPMV	0.26
SVM-04-63	0503350-06A	3/17/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-64	0503350-08A	3/17/2005	1,1,1-Trichloroethane	0.016		PPMV	130
SVM-04-64	0503350-08A	3/17/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-64	0503350-08A	3/17/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-64	0503350-08A	3/17/2005	Tetrachloroethene	0.0053	J	PPMV	1
SVM-04-64	0503350-08A	3/17/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-64	0503350-08A	3/17/2005	Trichloroethene	0.011		PPMV	0.26
SVM-04-64	0503350-08A	3/17/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-65	0503350-07A	3/17/2005	1,1,1-Trichloroethane	0.023		PPMV	130
SVM-04-65	0503350-07A	3/17/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-65	0503350-07A	3/17/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-65	0503350-07A	3/17/2005	Tetrachloroethene	0.0066		PPMV	1
SVM-04-65	0503350-07A	3/17/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-65	0503350-07A	3/17/2005	Trichloroethene	0.022		PPMV	0.26
SVM-04-65	0503350-07A	3/17/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-66	0503312B-19A	3/16/2005	1,1,1-Trichloroethane	0.071		PPMV	130
SVM-04-66	0503312B-19A	3/16/2005	1,1-Dichloroethene	0.0098		PPMV	7
SVM-04-66	0503312B-19A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-66	0503312B-19A	3/16/2005	Tetrachloroethene	0.059		PPMV	1
SVM-04-66	0503312B-19A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-66	0503312B-19A	3/16/2005	Trichloroethene	0.049		PPMV	0.26
SVM-04-66	0503312B-19A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-68	0503312B-20A	3/16/2005	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-68	0503312B-20A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-68	0503312B-20A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-68	0503312B-20A	3/16/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-68	0503312B-20A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-68	0503312B-20A	3/16/2005	Trichloroethene	0.012		PPMV	0.26
SVM-04-68	0503312B-20A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-69	0503312A-03A	3/16/2005	1,1,1-Trichloroethane	0.02		PPMV	130
SVM-04-69	0503312A-03A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7

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LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-69	0503312A-03A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-69	0503312A-03A	3/16/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-69	0503312A-03A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-69	0503312A-03A	3/16/2005	Trichloroethene	0.032		PPMV	0.26
SVM-04-69	0503312A-03A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-70	0503312B-21A	3/16/2005	1,1,1-Trichloroethane	0.79		PPMV	130
SVM-04-70	0503312B-21A	3/16/2005	1,1-Dichloroethene	0.094		PPMV	7
SVM-04-70	0503312B-21A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-70	0503312B-21A	3/16/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-70	0503312B-21A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-70	0503312B-21A	3/16/2005	Trichloroethene	0.011		PPMV	0.26
SVM-04-70	0503312B-21A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-71	0503312B-22A	3/16/2005	1,1,1-Trichloroethane	0.27		PPMV	130
SVM-04-71	0503312B-22A	3/16/2005	1,1-Dichloroethene	0.033		PPMV	7
SVM-04-71	0503312B-22A	3/16/2005	Cis-1,2-Dichloroethene	0.038		PPMV	35
SVM-04-71	0503312B-22A	3/16/2005	Tetrachloroethene	0.13		PPMV	1
SVM-04-71	0503312B-22A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-71	0503312B-22A	3/16/2005	Trichloroethene	0.028		PPMV	0.26
SVM-04-71	0503312B-22A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-72	0503312A-02A	3/16/2005	1,1,1-Trichloroethane	0.012		PPMV	130
SVM-04-72	0503312A-02A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-72	0503312A-02A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-72	0503312A-02A	3/16/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-72	0503312A-02A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-72	0503312A-02A	3/16/2005	Trichloroethene	0.068		PPMV	0.26
SVM-04-72	0503312A-02A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-73	0503312A-01A	3/16/2005	1,1,1-Trichloroethane	0.013		PPMV	130
SVM-04-73	0503312A-01A	3/16/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-73	0503312A-01A	3/16/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-73	0503312A-01A	3/16/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-73	0503312A-01A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-73	0503312A-01A	3/16/2005	Trichloroethene	0.085		PPMV	0.26
SVM-04-73	0503312A-01A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-74	0503312A-05A	3/16/2005	1,1,1-Trichloroethane	0.044		PPMV	130
SVM-04-74	0503312A-05A	3/16/2005	1,1-Dichloroethene	0.009		PPMV	7
SVM-04-74	0503312A-05A	3/16/2005	Cis-1,2-Dichloroethene	0.029		PPMV	35
SVM-04-74	0503312A-05A	3/16/2005	Tetrachloroethene	0.009		PPMV	1
SVM-04-74	0503312A-05A	3/16/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-74	0503312A-05A	3/16/2005	Trichloroethene	0.55		PPMV	0.26
SVM-04-74	0503312A-05A	3/16/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-75	0503350-04A	3/17/2005	1,1,1-Trichloroethane	0.018		PPMV	130
SVM-04-75	0503350-04A	3/17/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-75	0503350-04A	3/17/2005	Cis-1,2-Dichloroethene	0.41		PPMV	35
SVM-04-75	0503350-04A	3/17/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-75	0503350-04A	3/17/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-75	0503350-04A	3/17/2005	Trichloroethene	0.046		PPMV	0.26
SVM-04-75	0503350-04A	3/17/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-76	0503350-03A	3/17/2005	1,1,1-Trichloroethane	0.24		PPMV	130

**TABLE 3
MARCH 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-76	0503350-03A	3/17/2005	1,1-Dichloroethene	0.046		PPMV	7
SVM-04-76	0503350-03A	3/17/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-76	0503350-03A	3/17/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-76	0503350-03A	3/17/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-76	0503350-03A	3/17/2005	Trichloroethene	0.036		PPMV	0.26
SVM-04-76	0503350-03A	3/17/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-77	0503350-02A	3/17/2005	1,1,1-Trichloroethane	0.24		PPMV	130
SVM-04-77	0503350-02A	3/17/2005	1,1-Dichloroethene	0.085		PPMV	7
SVM-04-77	0503350-02A	3/17/2005	Cis-1,2-Dichloroethene	0.041		PPMV	35
SVM-04-77	0503350-02A	3/17/2005	Tetrachloroethene	0.033		PPMV	1
SVM-04-77	0503350-02A	3/17/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-77	0503350-02A	3/17/2005	Trichloroethene	0.037		PPMV	0.26
SVM-04-77	0503350-02A	3/17/2005	Vinyl chloride	0.005	U	PPMV	1
SVM-04-78	0503350-01A	3/17/2005	1,1,1-Trichloroethane	0.0067		PPMV	130
SVM-04-78	0503350-01A	3/17/2005	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-78	0503350-01A	3/17/2005	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-78	0503350-01A	3/17/2005	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-78	0503350-01A	3/17/2005	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-78	0503350-01A	3/17/2005	Trichloroethene	0.0069		PPMV	0.26
SVM-04-78	0503350-01A	3/17/2005	Vinyl chloride	0.005	U	PPMV	1

Notes: Shading indicates analyte concentration exceeds CTDEP I/C SV VC
 * Proposed March 2003 CTDEP Industrial/Commercial Soil Vapor Volatilization Criteria
 PPMV - parts per million by volume

**TABLE 4
JUNE 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-30	0506032C-33A	01-Jun-05	1,1,1-Trichloroethane	0.0098		PPMV	130
SVM-04-30	0506032C-33A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-30	0506032C-33A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-30	0506032C-33A	01-Jun-05	Tetrachloroethene	0.05		PPMV	1
SVM-04-30	0506032C-33A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-30	0506032C-33A	01-Jun-05	Trichloroethene	0.13		PPMV	0.26
SVM-04-30	0506032C-33A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-31	0506032C-34A	01-Jun-05	1,1,1-Trichloroethane	0.006		PPMV	130
SVM-04-31	0506032C-34A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-31	0506032C-34A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-31	0506032C-34A	01-Jun-05	Tetrachloroethene	0.64		PPMV	1
SVM-04-31	0506032C-34A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-31	0506032C-34A	01-Jun-05	Trichloroethene	0.13		PPMV	0.26
SVM-04-31	0506032C-34A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-32	0506032C-35A	01-Jun-05	1,1,1-Trichloroethane	0.012		PPMV	130
SVM-04-32	0506032C-35A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-32	0506032C-35A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-32	0506032C-35A	01-Jun-05	Tetrachloroethene	0.19		PPMV	1
SVM-04-32	0506032C-35A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-32	0506032C-35A	01-Jun-05	Trichloroethene	0.16		PPMV	0.26
SVM-04-32	0506032C-35A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-33	0506032C-32A	01-Jun-05	1,1,1-Trichloroethane	0.024		PPMV	130
SVM-04-33	0506032C-32A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-33	0506032C-32A	01-Jun-05	Cis-1,2-Dichloroethene	0.0097		PPMV	35
SVM-04-33	0506032C-32A	01-Jun-05	Tetrachloroethene	0.19		PPMV	1
SVM-04-33	0506032C-32A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-33	0506032C-32A	01-Jun-05	Trichloroethene	0.088		PPMV	0.26
SVM-04-33	0506032C-32A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-34	0506032C-38A	01-Jun-05	1,1,1-Trichloroethane	0.2		PPMV	130
SVM-04-34	0506032C-38A	01-Jun-05	1,1-Dichloroethene	0.0061		PPMV	7
SVM-04-34	0506032C-38A	01-Jun-05	Cis-1,2-Dichloroethene	0.0078		PPMV	35
SVM-04-34	0506032C-38A	01-Jun-05	Tetrachloroethene	2		PPMV	1
SVM-04-34	0506032C-38A	01-Jun-05	trans-1,2-Dichloroethene	0.0064		PPMV	70
SVM-04-34	0506032C-38A	01-Jun-05	Trichloroethene	0.49		PPMV	0.26
SVM-04-34	0506032C-38A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-35	0506032C-37A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-35	0506032C-37A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-35	0506032C-37A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-35	0506032C-37A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-35	0506032C-37A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-35	0506032C-37A	01-Jun-05	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-35	0506032C-37A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-36	0506032C-31A	01-Jun-05	1,1,1-Trichloroethane	0.035		PPMV	130
SVM-04-36	0506032C-31A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-36	0506032C-31A	01-Jun-05	Cis-1,2-Dichloroethene	0.18		PPMV	35
SVM-04-36	0506032C-31A	01-Jun-05	Tetrachloroethene	1.9		PPMV	1
SVM-04-36	0506032C-31A	01-Jun-05	trans-1,2-Dichloroethene	0.0069		PPMV	70
SVM-04-36	0506032C-31A	01-Jun-05	Trichloroethene	0.44		PPMV	0.26
SVM-04-36	0506032C-31A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-37	0506032C-39A	01-Jun-05	1,1,1-Trichloroethane	0.022		PPMV	130
SVM-04-37	0506032C-39A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7

**TABLE 4
JUNE 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-37	0506032C-39A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-37	0506032C-39A	01-Jun-05	Tetrachloroethene	0.27		PPMV	1
SVM-04-37	0506032C-39A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-37	0506032C-39A	01-Jun-05	Trichloroethene	0.055		PPMV	0.26
SVM-04-37	0506032C-39A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-38	0506032C-43A	01-Jun-05	1,1,1-Trichloroethane	0.032		PPMV	130
SVM-04-38	0506032C-43A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-38	0506032C-43A	01-Jun-05	Cis-1,2-Dichloroethene	0.018		PPMV	35
SVM-04-38	0506032C-43A	01-Jun-05	Tetrachloroethene	0.3		PPMV	1
SVM-04-38	0506032C-43A	01-Jun-05	trans-1,2-Dichloroethene	0.013		PPMV	70
SVM-04-38	0506032C-43A	01-Jun-05	Trichloroethene	1.8		PPMV	0.26
SVM-04-38	0506032C-43A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-39	0506032C-41A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-39	0506032C-41A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-39	0506032C-41A	01-Jun-05	Cis-1,2-Dichloroethene	0.057		PPMV	35
SVM-04-39	0506032C-41A	01-Jun-05	Tetrachloroethene	0.58		PPMV	1
SVM-04-39	0506032C-41A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-39	0506032C-41A	01-Jun-05	Trichloroethene	0.27		PPMV	0.26
SVM-04-39	0506032C-41A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-40	0506032C-40A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-40	0506032C-40A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-40	0506032C-40A	01-Jun-05	Cis-1,2-Dichloroethene	0.03		PPMV	35
SVM-04-40	0506032C-40A	01-Jun-05	Tetrachloroethene	0.57		PPMV	1
SVM-04-40	0506032C-40A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-40	0506032C-40A	01-Jun-05	Trichloroethene	0.83		PPMV	0.26
SVM-04-40	0506032C-40A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-41	0506032C-42A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-41	0506032C-42A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-41	0506032C-42A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-41	0506032C-42A	01-Jun-05	Tetrachloroethene	0.092		PPMV	1
SVM-04-41	0506032C-42A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-41	0506032C-42A	01-Jun-05	Trichloroethene	0.12		PPMV	0.26
SVM-04-41	0506032C-42A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-42	0506032B-29A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-42	0506032B-29A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-42	0506032B-29A	01-Jun-05	Cis-1,2-Dichloroethene	0.017		PPMV	35
SVM-04-42	0506032B-29A	01-Jun-05	Tetrachloroethene	0.32		PPMV	1
SVM-04-42	0506032B-29A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-42	0506032B-29A	01-Jun-05	Trichloroethene	0.22		PPMV	0.26
SVM-04-42	0506032B-29A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-44	0506032A-19A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-44	0506032A-19A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-44	0506032A-19A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-44	0506032A-19A	01-Jun-05	Tetrachloroethene	0.0063		PPMV	1
SVM-04-44	0506032A-19A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-44	0506032A-19A	01-Jun-05	Trichloroethene	0.01		PPMV	0.26
SVM-04-44	0506032A-19A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-47	0506032A-18A	01-Jun-05	1,1,1-Trichloroethane	0.85		PPMV	130
SVM-04-47	0506032A-18A	01-Jun-05	1,1-Dichloroethene	0.0074		PPMV	7
SVM-04-47	0506032A-18A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-47	0506032A-18A	01-Jun-05	Tetrachloroethene	0.17		PPMV	1

**TABLE 4
JUNE 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-47	0506032A-18A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-47	0506032A-18A	01-Jun-05	Trichloroethene	0.081		PPMV	0.26
SVM-04-47	0506032A-18A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-48	0506032A-17A	01-Jun-05	1,1,1-Trichloroethane	0.58		PPMV	130
SVM-04-48	0506032A-17A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-48	0506032A-17A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-48	0506032A-17A	01-Jun-05	Tetrachloroethene	0.62		PPMV	1
SVM-04-48	0506032A-17A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-48	0506032A-17A	01-Jun-05	Trichloroethene	2.9		PPMV	0.26
SVM-04-48	0506032A-17A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-49	0506032A-20A	01-Jun-05	1,1,1-Trichloroethane	0.024		PPMV	130
SVM-04-49	0506032A-20A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-49	0506032A-20A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-49	0506032A-20A	01-Jun-05	Tetrachloroethene	0.034		PPMV	1
SVM-04-49	0506032A-20A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-49	0506032A-20A	01-Jun-05	Trichloroethene	0.62		PPMV	0.26
SVM-04-49	0506032A-20A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-52	0506032A-16A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-52	0506032A-16A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-52	0506032A-16A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-52	0506032A-16A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-52	0506032A-16A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-52	0506032A-16A	01-Jun-05	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-52	0506032A-16A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-53	0506032A-14A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-53	0506032A-14A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-53	0506032A-14A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-53	0506032A-14A	01-Jun-05	Tetrachloroethene	0.066		PPMV	1
SVM-04-53	0506032A-14A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-53	0506032A-14A	01-Jun-05	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-53	0506032A-14A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-54	0506032A-15A	01-Jun-05	1,1,1-Trichloroethane	0.035		PPMV	130
SVM-04-54	0506032A-15A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-54	0506032A-15A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-54	0506032A-15A	01-Jun-05	Tetrachloroethene	0.08		PPMV	1
SVM-04-54	0506032A-15A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-54	0506032A-15A	01-Jun-05	Trichloroethene	0.1		PPMV	0.26
SVM-04-54	0506032A-15A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-55	0506032A-13A	01-Jun-05	1,1,1-Trichloroethane	0.02		PPMV	130
SVM-04-55	0506032A-13A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-55	0506032A-13A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-55	0506032A-13A	01-Jun-05	Tetrachloroethene	0.043		PPMV	1
SVM-04-55	0506032A-13A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-55	0506032A-13A	01-Jun-05	Trichloroethene	0.012		PPMV	0.26
SVM-04-55	0506032A-13A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-56	0506032A-12A	01-Jun-05	1,1,1-Trichloroethane	0.047		PPMV	130
SVM-04-56	0506032A-12A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-56	0506032A-12A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-56	0506032A-12A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-56	0506032A-12A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-56	0506032A-12A	01-Jun-05	Trichloroethene	0.005	U	PPMV	0.26

**TABLE 4
JUNE 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-56	0506032A-12A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-58	0506032A-09A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-58	0506032A-09A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-58	0506032A-09A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-58	0506032A-09A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-58	0506032A-09A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-58	0506032A-09A	01-Jun-05	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-58	0506032A-09A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-59	0506032A-11A	01-Jun-05	1,1,1-Trichloroethane	1.3		PPMV	130
SVM-04-59	0506032A-11A	01-Jun-05	1,1-Dichloroethene	0.015		PPMV	7
SVM-04-59	0506032A-11A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-59	0506032A-11A	01-Jun-05	Tetrachloroethene	0.0074		PPMV	1
SVM-04-59	0506032A-11A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-59	0506032A-11A	01-Jun-05	Trichloroethene	0.0062		PPMV	0.26
SVM-04-59	0506032A-11A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-60	0506032A-10A	01-Jun-05	1,1,1-Trichloroethane	0.011		PPMV	130
SVM-04-60	0506032A-10A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-60	0506032A-10A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-60	0506032A-10A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-60	0506032A-10A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-60	0506032A-10A	01-Jun-05	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-60	0506032A-10A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-61	0506032A-08A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-61	0506032A-08A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-61	0506032A-08A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-61	0506032A-08A	01-Jun-05	Tetrachloroethene	0.0096		PPMV	1
SVM-04-61	0506032A-08A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-61	0506032A-08A	01-Jun-05	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-61	0506032A-08A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-62	0506032B-21A	01-Jun-05	1,1,1-Trichloroethane	0.005	U	PPMV	130
SVM-04-62	0506032B-21A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-62	0506032B-21A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-62	0506032B-21A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-62	0506032B-21A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-62	0506032B-21A	01-Jun-05	Trichloroethene	0.005	U	PPMV	0.26
SVM-04-62	0506032B-21A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-63	0506032B-24A	01-Jun-05	1,1,1-Trichloroethane	0.36		PPMV	130
SVM-04-63	0506032B-24A	01-Jun-05	1,1-Dichloroethene	0.022		PPMV	7
SVM-04-63	0506032B-24A	01-Jun-05	Cis-1,2-Dichloroethene	0.019		PPMV	35
SVM-04-63	0506032B-24A	01-Jun-05	Tetrachloroethene	0.046		PPMV	1
SVM-04-63	0506032B-24A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-63	0506032B-24A	01-Jun-05	Trichloroethene	0.14		PPMV	0.26
SVM-04-63	0506032B-24A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-64	0506032B-25A	01-Jun-05	1,1,1-Trichloroethane	0.019		PPMV	130
SVM-04-64	0506032B-25A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-64	0506032B-25A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-64	0506032B-25A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-64	0506032B-25A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-64	0506032B-25A	01-Jun-05	Trichloroethene	0.0061		PPMV	0.26
SVM-04-64	0506032B-25A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-65	0506032B-28A	01-Jun-05	1,1,1-Trichloroethane	0.014		PPMV	130

**TABLE 4
JUNE 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-65	0506032B-28A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-65	0506032B-28A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-65	0506032B-28A	01-Jun-05	Tetrachloroethene	0.0067		PPMV	1
SVM-04-65	0506032B-28A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-65	0506032B-28A	01-Jun-05	Trichloroethene	0.018		PPMV	0.26
SVM-04-65	0506032B-28A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-66	0506032A-02A	01-Jun-05	1,1,1-Trichloroethane	0.2		PPMV	130
SVM-04-66	0506032A-02A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-66	0506032A-02A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-66	0506032A-02A	01-Jun-05	Tetrachloroethene	0.38		PPMV	1
SVM-04-66	0506032A-02A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-66	0506032A-02A	01-Jun-05	Trichloroethene	0.25		PPMV	0.26
SVM-04-66	0506032A-02A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-68	0506032A-01A	01-Jun-05	1,1,1-Trichloroethane	0.026		PPMV	130
SVM-04-68	0506032A-01A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-68	0506032A-01A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-68	0506032A-01A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-68	0506032A-01A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-68	0506032A-01A	01-Jun-05	Trichloroethene	0.053		PPMV	0.26
SVM-04-68	0506032A-01A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-69	0506032A-03A	01-Jun-05	1,1,1-Trichloroethane	0.096		PPMV	130
SVM-04-69	0506032A-03A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-69	0506032A-03A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-69	0506032A-03A	01-Jun-05	Tetrachloroethene	0.01		PPMV	1
SVM-04-69	0506032A-03A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-69	0506032A-03A	01-Jun-05	Trichloroethene	0.061		PPMV	0.26
SVM-04-69	0506032A-03A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-70	0506032A-05A	01-Jun-05	1,1,1-Trichloroethane	2		PPMV	130
SVM-04-70	0506032A-05A	01-Jun-05	1,1-Dichloroethene	0.011		PPMV	7
SVM-04-70	0506032A-05A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-70	0506032A-05A	01-Jun-05	Tetrachloroethene	0.007		PPMV	1
SVM-04-70	0506032A-05A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-70	0506032A-05A	01-Jun-05	Trichloroethene	0.0094		PPMV	0.26
SVM-04-70	0506032A-05A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-71	0506032A-04A	01-Jun-05	1,1,1-Trichloroethane	0.46		PPMV	130
SVM-04-71	0506032A-04A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-71	0506032A-04A	01-Jun-05	Cis-1,2-Dichloroethene	0.096		PPMV	35
SVM-04-71	0506032A-04A	01-Jun-05	Tetrachloroethene	0.51		PPMV	1
SVM-04-71	0506032A-04A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-71	0506032A-04A	01-Jun-05	Trichloroethene	0.1		PPMV	0.26
SVM-04-71	0506032A-04A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-72	0506032A-06A	01-Jun-05	1,1,1-Trichloroethane	0.19		PPMV	130
SVM-04-72	0506032A-06A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-72	0506032A-06A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-72	0506032A-06A	01-Jun-05	Tetrachloroethene	0.019		PPMV	1
SVM-04-72	0506032A-06A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-72	0506032A-06A	01-Jun-05	Trichloroethene	0.13		PPMV	0.26
SVM-04-72	0506032A-06A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-74	0506032A-07A	01-Jun-05	1,1,1-Trichloroethane	0.083		PPMV	130
SVM-04-74	0506032A-07A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-74	0506032A-07A	01-Jun-05	Cis-1,2-Dichloroethene	0.05		PPMV	35

**TABLE 4
JUNE 2005 SOIL VAPOR MONITORING DATA**

**STRATFORD ARMY ENGINE PLANT
Stratford, Connecticut**

LOC_ID	LAB SAMPLE ID	SAMPLE DATE	PARAMETER	RESULT	FINAL QUALIFIER	UNITS	CTDEP I/C SV VC*
SVM-04-74	0506032A-07A	01-Jun-05	Tetrachloroethene	0.037		PPMV	1
SVM-04-74	0506032A-07A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-74	0506032A-07A	01-Jun-05	Trichloroethene	1.3		PPMV	0.26
SVM-04-74	0506032A-07A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-75	0506032B-27A	01-Jun-05	1,1,1-Trichloroethane	0.029		PPMV	130
SVM-04-75	0506032B-27A	01-Jun-05	1,1-Dichloroethene	0.0052		PPMV	7
SVM-04-75	0506032B-27A	01-Jun-05	Cis-1,2-Dichloroethene	0.77		PPMV	35
SVM-04-75	0506032B-27A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-75	0506032B-27A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-75	0506032B-27A	01-Jun-05	Trichloroethene	0.046		PPMV	0.26
SVM-04-75	0506032B-27A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-76	0506032B-26A	01-Jun-05	1,1,1-Trichloroethane	0.32		PPMV	130
SVM-04-76	0506032B-26A	01-Jun-05	1,1-Dichloroethene	0.047		PPMV	7
SVM-04-76	0506032B-26A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-76	0506032B-26A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-76	0506032B-26A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-76	0506032B-26A	01-Jun-05	Trichloroethene	0.041		PPMV	0.26
SVM-04-76	0506032B-26A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-77	0506032B-23A	01-Jun-05	1,1,1-Trichloroethane	0.25		PPMV	130
SVM-04-77	0506032B-23A	01-Jun-05	1,1-Dichloroethene	0.075		PPMV	7
SVM-04-77	0506032B-23A	01-Jun-05	Cis-1,2-Dichloroethene	0.042		PPMV	35
SVM-04-77	0506032B-23A	01-Jun-05	Tetrachloroethene	0.058		PPMV	1
SVM-04-77	0506032B-23A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-77	0506032B-23A	01-Jun-05	Trichloroethene	0.044		PPMV	0.26
SVM-04-77	0506032B-23A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1
SVM-04-78	0506032B-22A	01-Jun-05	1,1,1-Trichloroethane	0.014		PPMV	130
SVM-04-78	0506032B-22A	01-Jun-05	1,1-Dichloroethene	0.005	U	PPMV	7
SVM-04-78	0506032B-22A	01-Jun-05	Cis-1,2-Dichloroethene	0.005	U	PPMV	35
SVM-04-78	0506032B-22A	01-Jun-05	Tetrachloroethene	0.005	U	PPMV	1
SVM-04-78	0506032B-22A	01-Jun-05	trans-1,2-Dichloroethene	0.005	U	PPMV	70
SVM-04-78	0506032B-22A	01-Jun-05	Trichloroethene	0.006		PPMV	0.26
SVM-04-78	0506032B-22A	01-Jun-05	Vinyl chloride	0.005	U	PPMV	1

Notes: Shading indicates analyte concentration exceeds CTDEP I/C SV VC
 * Proposed March 2003 CTDEP Industrial/Commercial Soil Vapor Volatilization Criteria
 PPMV - parts per million by volume

ATTACHMENT 1

**AUGUST 2005 SOIL VAPOR MONITORING
CHAIN OF CUSTODY RECORDS**



Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4522

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CHAIN-OF-CUSTODY RECORD

Contact Person ROD PENOLETON
 Company MACTEC Email _____
 Address 5th Congress Str. City PORTLAND State ME Zip 04112
 Phone 207.629.3605 Fax 207.772.4762
 Collected by: (Signature) [Signature]

Project Info: P.O. # _____ Project # <u>3619059 008,04,04.4</u> Project Name <u>SAEP VAA2</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush specify _____	Lab Use Only Pressurized by: _____ Date: _____ Pressurization Gas: N ₂ He
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Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum			
					Initial	Final	Receipt	Final (psi)
01A	SVM-04-66	8/23/05	0757	TO-15 (Direct Inject-Chlorinated Vol)	NA	NA		
02A	SVM-04-69		0810					
03A	SVM-04-69 DUP		0810					
04A	SVM-04-70		0820					
05A	SVM-04-71		0825					
06A	SVM-04-68		0835					
07A	SVM-04-72		0843					
08A	SVM-04-74		0857					
09A	SVM-04-61		0925					
10A	SVM-04-58		0932					

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/23/05 1700</u>	Received by: (signature) <u>Janae Thomas</u> Date/Time <u>8/24/05 900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FedEx</u>	Air Bill # <u>8516 0836 7407</u>	Temp (°C) <u>--</u>	Condition <u>Good</u>	Custody Seals Intact? <u>Yes</u> No None	Work Order # <u>0508512</u>
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Sample Transportation Notice

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Contact Person ROD PENOLETON
Company MACTEC Email _____
Address 511 Congress St City PORTLAND State ME Zip 04112
Phone 207.828.3605 Fax 207.735.5401
Collected by: (Signature) [Signature]

Project Info: P.O. # _____ Project # <u>361805900B.04.04.4</u> Project Name <u>SAGE VAPOR</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush specify _____	Lab Use Only Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
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Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum			
					Initial	Final	Receipt	Final (14)
11A	SVM-04-60	8/23/05	0939	TO-15 (Direct Inject - Chlorinated VOCs)	NA	NA		
12A	SVM-04-59		0946					
13A	SVM-04-56		0954					
14A	SVM-04-62		1018					
15A	SVM-04-62 DUP		1021					
16A	SVM-04-78		1025					
17A	SVM-04-77		1034					
18A	SVM-04-63		1041					
19A	SVM-04-64		1048					
20A	SVM-04-76		1058					

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/23/05 1700</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>8/24/05 8:00</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name: <u>FedEx</u>	Air Bill #: <u>85160838 7802</u>	Temp (°C): <u>—</u>	Condition: <u>Good</u>	Custody Seals Intact? <u>Yes</u> No None	Work Order #: <u>0508512</u>
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Sample Transportation Notice

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Contact Person: ROD PENNOLTON
Company: MACTEC Email: _____
Address: 511 Congress St. City: Portland State: ME Zip: 04112
Phone: 207.828.3665 Fax: 207.772.4762

Project Info: P.O. # _____ Project # <u>361805P00P.04.04.4</u> Project Name <u>SAEP VAPOR</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush specify _____	Lab Use Only Pressurized by: _____ Date: _____ Pressurization Gas: N ₂ He
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Collected by: (Signature) [Signature]

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum			
					Initial	Final	Receipt	Final (psi)
21A	SVM-04-75	8/23/05	1104	TO-15 (Direct Inject - Chlorinated VOC.)	NA	NA		
22A	SVM-04-65		1111					
23A	SVM-04-42		1310					
24A	SVM-04-36		1318					
25A	SVM-04-33		1326					
26A	SVM-04-30		1334					
27A	SVM-04-27 <u>to plates</u> 31		1344					
28A	SVM-04-32		1357					
29A	SVM-04-34		1406					
30A	SVM-04-37		1418					

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/23/05 1700</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>8/24/05 900</u>	Notes: _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name: <u>FedEx</u>	Air Bill #: <u>8516 0838 7802</u>	Temp. (°C): <u>—</u>	Condition: <u>Good</u>	Custody Seals Intact? <u>Yes</u> No None	Work Order #: <u>0508512</u>
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Sample Transportation Notice

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Contact Person ROD PENOLETON

Company MACTEC Email: _____

Address 511 Congress Str. City PORTLAND State ME Zip 04112

Phone 207. 828. 3605 Fax 207. 772. 4762

Collected by: (Signature) [Signature]

Project Info:	Turn Around Time:	Lab Use Only:
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
P.O. # _____		
Project # <u>3618056008.04.04.4</u>		
Project Name <u>SAEP Vapor</u>		

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum			
					Initial	Final	Receipt	Final (psi)
31A	SVM-04-39	8/23/05	1427	TO-15 (Direct Inject - Calibrated VOC)	NA	NA		
32A	SVM-04-40		1434					
33A	SVM-04-35		1443					
34A	SVM-04-38		1448					
35A	SVM-04-41		1455					
36A	SVM-04-55		1536					
37A	SVM-04-53		1545					
38A	SVM-04-54		1552					
39A	SVM-04-52		1559					
40A	SVM-04-47		1608					

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/23/05 1700</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>8/24/05 900</u>	Notes: _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FedEx</u>	Air Bill # <u>851608387802</u>	Temp (°C) <u>---</u>	Condition <u>GOOD</u>	Custody Seals Intact? <u>Yes</u> No None	Work Order # <u>0508512</u>
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Sample Transportation Notice

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Contact Person ROD REMOLETUN

Company MACTEC Email _____

Address 511 Congress St. City Portland State ME Zip 04112

Phone 207.828.3605 Fax 207.772.4762

Collected by: (Signature) [Signature]

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: _____ Date: _____ Pressurization Gas: N ₂ H ₂
P.O. # _____		
Project # <u>3618058028.04.04.4</u>		
Project Name <u>SAEP VAPOR</u>		

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum			
					Initial	Final	Receipt	Final
41A	SVM-04-48	8/23/05	1615	TO-15 (Direct Inject - Chlorinated VOCs)	NA	NA		
42A	SVM-04-44	8/23/05	1623	↓ ↓ ↓	↓	↓		
43A	SVM-04-49	8/23/05	1634	↓ ↓ ↓	↓	↓		
44A	TBK082305	8/23/05	1644	↓ ↓ ↓	↓	↓		
[Signature] 8/23/05								

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/23/05 1700</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>8/24/05 900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FedEx</u>	<u>851609386 7802</u>	<u>—</u>	<u>Good</u>	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> None	<u>0508512</u>

ATTACHMENT 2

**AUGUST 2005 SOIL VAPOR MONITORING
SAMPLE COLLECTION PROCEDURES**

AUGUST 2005 SOIL VAPOR MONITORING SAMPLE COLLECTION PROCEDURE

The following paragraphs present details on collection of August 2005 soil vapor monitoring samples.

At each vapor monitoring location, the flush mount protective casing was opened, and the LDPE tubing connected to the screen point was connected to a quick release, barbed fitting. Using a new section of LDPE tubing, a one-liter Tedlar[®] bag, labeled with the sample location was connected to the sampling tee located inside an SKC Vac-U-Chamber[™]. The sample valve on the Tedlar[®] bag was opened one full rotation counter-clockwise. The quick release fitting was introduced into the purge port of the Vac-U-Chamber[™] and the cover closed. A Gillian[™] brand or similar personal monitoring pump was connected to the exhaust port in the Vac-U-Chamber[™]. The monitoring pump was calibrated prior to draw 0.5 liters per minute (L/min.) of air. The pump was turned on and allowed to run for four minutes, effectively purging two liters of soil vapor from the sampling location. After four minutes, the quick release connection was transferred to the sample inlet port in the Vac-U-Chamber[™] and the Tedlar[®] bag was observed through the viewing port until it was filled. Upon completion of filling, the pump was turned off. The release valve in the Vac-U-Chamber[™] was opened to allow the chamber to equilibrate. The Vac-U-Chamber[™] was opened and the Tedlar[®] bag sampling valve was closed. The Tedlar[®] bag was then removed and labeled with the location ID, date and time of sample collection, and the initials of the sampling personnel. Sampling information and observations were recorded in the field log book and on the chain-of-custody.

Since the holding time for chlorinated VOCs in a Tedlar[®] bag is only 3 days (see Table 6-1 of the QAPP), soil vapor samples were shipped to the analytical laboratory via overnight delivery on the day they were sampled. Samples were kept out of direct light to minimize the potential for loss, reaction, or degradation of VOCs.

A trip blank (TBK082305) was submitted with the Tedlar[®] bags. The trip blank was prepared by collecting an aliquot of outdoor ambient air from an upwind location. The trip blank collection process was performed using the Vac-U-Chamber[™]. A duplicate sample was collected at a rate of 1 per 20 samples (see section 3.1.2.3 of the SAP). The duplicates were collected immediately after sampling the initial sample for that location. The collection process was the same as the initial soil vapor sample collection process.

ATTACHMENT 3

**AUGUST 2005 SOIL VAPOR MONITORING
DATA VALIDATION REPORT**

**Supplemental RI Soil Vapor Monitoring
Data Validation Report
14 September 2005
Stratford Army Engine Plant**

I. INTRODUCTION

A Tier II and ten percent Tier III data validation in accordance with USEPA Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses (USEPA, 1996) was performed on the analytical data for air samples collected by MACTEC Engineering and Consulting (formerly Harding ESE) at the Stratford Army Engine Plant (SAEP) Site. Samples for Soil Vapor Monitoring were collected on August 23rd, 2005. All samples were analyzed by Air Toxics Ltd., located in Folsom, CA. Air Toxics performed VOC air analysis on one-liter Tedlar Bags via EPA method modified TO-15 using GC/MS in the full scan acquisition mode.

Field Sample ID	Lab Sample ID	Sample Date	QC Type
SVM-04-30	0508512B-26A	8/23/2005	
SVM-04-31	0508512B-27A	8/23/2005	
SVM-04-32	0508512B-28A	8/23/2005	
SVM-04-33	0508512B-25A	8/23/2005	
SVM-04-34	0508512B-29A	8/23/2005	
SVM-04-35	0508512B-33A	8/23/2005	
SVM-04-36	0508512B-24A	8/23/2005	
SVM-04-37	0508512B-30A	8/23/2005	
SVM-04-38	0508512B-34A	8/23/2005	
SVM-04-39	0508512B-31A	8/23/2005	
SVM-04-40	0508512B-32A	8/23/2005	
SVM-04-41	0508512B-35A	8/23/2005	
SVM-04-42	0508512B-23A	8/23/2005	
SVM-04-44	0508512C-42A	8/23/2005	
SVM-04-47	0508512B-40A	8/23/2005	
SVM-04-48	0508512C-41A	8/23/2005	
SVM-04-49	0508512C-43A	8/23/2005	
SVM-04-52	0508512B-39A	8/23/2005	
SVM-04-53	0508512B-37A	8/23/2005	
SVM-04-54	0508512B-38A	8/23/2005	
SVM-04-55	0508512B-36A	8/23/2005	
SVM-04-56	0508512A-13A	8/23/2005	
SVM-04-58	0508512A-10A	8/23/2005	
SVM-04-59	0508512A-12A	8/23/2005	
SVM-04-60	0508512A-11A	8/23/2005	
SVM-04-61	0508512A-09A	8/23/2005	
SVM-04-62	0508512A-14A	8/23/2005	
SVM-04-62 DUP	0508512A-15A	8/23/2005	Field Duplicate
SVM-04-63	0508512A-18A	8/23/2005	
SVM-04-64	0508512A-19A	8/23/2005	

Field Sample ID	Lab Sample ID	Sample Date	QC Type
SVM-04-65	0508512B-22A	8/23/2005	
SVM-04-66	0508512A-01A	8/23/2005	
SVM-04-68	0508512A-06A	8/23/2005	
SVM-04-69	0508512A-02A	8/23/2005	
SVM-04-69 DUP	0508512A-03A	8/23/2005	Field Duplicate
SVM-04-70	0508512A-04A	8/23/2005	
SVM-04-71	0508512A-05A	8/23/2005	
SVM-04-72	0508512A-07A	8/23/2005	
SVM-04-74	0508512A-08A	8/23/2005	
SVM-04-75	0508512B-21A	8/23/2005	
SVM-04-76	0508512A-20A	8/23/2005	
SVM-04-77	0508512A-17A	8/23/2005	
SVM-04-78	0508512A-16A	8/23/2005	
TBK082305	0508512C-44A	8/23/2005	Trip Blank

The samples were analyzed for the following seven volatile organic compounds:

- vinyl chloride
- 1,1-dichloroethene (1,1-DCE)
- 1,1,1-trichloroethane (1,1,1-TCA)
- trichloroethene (TCE)
- tetrachloroethene (PCE)
- cis-1,2-dichloroethene (cis-1,2-DCE)
- trans-1,2-dichloroethene (trans-1,2-DCE)

The following information was reviewed:

- * Sample Collection Documentation and Data Completeness
- * EDD verification vs. Summary Forms
- * Preservation and Holding times
- * GC/MS Performance Check (tuning)
- * Initial Calibration
- * Continuing Calibration
- * QC Blanks
- * Internal Standard Response
- * Surrogate Recovery
- * Spike Accuracy and Precision
- * Field Duplicates
- * Laboratory Duplicates

* - All criteria were met for this parameter.

II. VALIDATION RESULTS AND ACTIONS

Holding Times

All samples were analyzed within the holding times (3 days from collection).

Instrument Tunes

The GC/MS instrument tunes were completed using the tuning compound bromofluorobenzene (BFB). All tunes met USEPA Region I validation criteria.

Initial Calibration

For the initial calibration curves applying to all volatile organics samples target analytes, the average Relative Response Factors (RRFs) for all target compounds were greater than the USEPA Region I minimum criterion of 0.05, indicating good response on the instrument was obtained for all compounds. The percent Relative Standard Deviations (%RSDs) of the RRFs over the five point calibration were less than the Region I goals of 30 percent for all initial calibrations.

Continuing Calibration

For the continuing calibration standards applying to all volatile organics samples target analytes, the RRFs for all seven target compounds were greater than the Region I minimum criterion of 0.05, indicating good response on the instrument was obtained for all compounds. The percent differences (%Ds) between the RRFs and the initial calibration average RRFs were less than 25 percent for all continuing calibrations.

Method Blanks

For each analytical batch, a method blank was analyzed prior to sample analysis. All target analytes were non-detect.

Internal Standard Response

All internal standard areas and retention times were within USEPA Region I control limits as specified in the CLP Statement of Work (OLM03.1) and were within the laboratory's control limits.

Surrogate Recoveries

Surrogate recoveries were within the 70-130 percent control limits specified by the laboratory indicating good accuracy was observed for each sample.

Spike Recoveries

Laboratory control samples (LCS) had recoveries between 100 and 111 percent indicating good accuracy.

Duplicates

Field duplicates were collected and analyzed for sample locations SVM-04-62 and SVM-04-69. Laboratory duplicates were analyzed for samples SVM-04-40, SVM-04-47, SVM-04-76 and SVM-04-77. Results of the field duplicate and laboratory duplicate analyzed are summarized in Table 1. A goal for relative percent difference (RPD) of 50 percent or less was used when evaluating the duplicate data.

Table 1

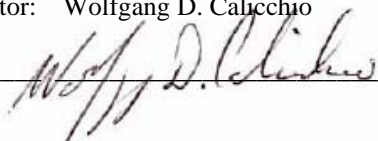
Sample ID	Analyte	Original Result (ppb/v)	Qual	Duplicate Result (ppb/v)	Qual	RPD (%)
SVM-04-40	Tetrachloroethene	0.93		1.0		7
SVM-04-40	Cis-1,2-Dichloroethene	0.025		0.26		4
SVM-04-40	1,1,1-Trichloroethane	0.0060		0.0063		5
SVM-04-40	Trichloroethene	1.2		1.3		8
SVM-04-47	Tetrachloroethene	0.50		0.51		2
SVM-04-47	Cis-1,2-Dichloroethene	0.017		0.016		6
SVM-04-47	1,1,1-Trichloroethane	3.7		3.7		0
SVM-04-47	1,1-Dichloroethene	0.054		0.049		10
SVM-04-47	Trichloroethene	0.22		0.23		4
SVM-04-69 DUP	Tetrachloroethene	0.0055		0.0068		31
SVM-04-69 DUP	1,1,1-Trichloroethane	0.045		0.064		35
SVM-04-69 DUP	Trichloroethene	0.036		0.042		15
SVM-04-76	1,1,1-Trichloroethane	0.47		0.46		2
SVM-04-76	1,1-Dichloroethene	0.062		0.059		5
SVM-04-76	Trichloroethene	0.073		0.072		1
SVM-04-77	Tetrachloroethene	0.16		0.15		6
SVM-04-77	Cis-1,2-Dichloroethene	0.13		0.12		8
SVM-04-77	1,1,1-Trichloroethane	0.83		0.85		2
SVM-04-77	1,1-Dichloroethene	0.24		0.25		4
SVM-04-77	Trichloroethene	0.12		0.11		9

References:

U.S. Environmental Protection Agency (USEPA), 1996. "Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses;" QA Unit - Office of Environmental Measurement and Evaluation; USEPA Region I, New England; July 1996, Revised December 1996.

Data Validator: Wolfgang D. Calicchio

Signature: _____



Date: 15 September 2005