

# **Final Asbestos Survey Report**

## **Stratford Army Engine Plant Stratford, Connecticut**

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**US Army Corps of Engineers - New York District**  
**USACE Contract No. DACA51-96-D-0014**  
**Delivery Order No. 0001**



**US Army Corps  
of Engineers**

April 1998  
0285-655

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## 1.0 INTRODUCTION

The Stratford Army Engine Plant, located in Stratford, Connecticut, is a government owned, contractor operated facility. Allied Signal Corps currently operates the facility. The Stratford Army Engine Plant has been building engines and planes since prior to World War II. Corsair planes were built during World War II, as well as jet engines during the Korean War, helicopter engines, tank engines, and engines for commercial airlines. Under the Base Realignment and Closure (BRAC) requirements, an asbestos survey must be performed prior to selling the property. This facility contains approximately 1.8 million square feet of building floor space. Previous asbestos surveys and removals have been performed but only on an as needed basis.

Malcolm Pirnie was contracted by the Army Corps of Engineers, New York District, to perform an asbestos survey of the entire facility. This work was conducted from September 1996 through December 1997. The objective of this asbestos survey was to develop a comprehensive inventory of asbestos building materials throughout the facility. This survey was conducted to provide quantities of asbestos containing materials (ACM) for informational purposes during property transfer. This survey was a non-destructive survey and therefore did not include opening walls or ceilings for the purpose of accessing materials located within enclosed cavities, pipe chases, machinery, or equipment. Locations where concealed ACMs are suspected are identified on the drawings.

## 2.0 ASBESTOS BULK SAMPLING

Bulk sampling was performed in accordance with the procedures described in EPA's Guidance for Controlling Asbestos Containing Materials in Buildings and protocols described in the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR 763.86. Bulk sampling was performed wearing type "A" respiratory protection.

Each sample was placed in an air tight plastic sample container, labeled noting location and material sampled, and stored for transportation to the laboratory. A chain-of-custody was instituted for all samples.

Samples were transported to Eastern Analytical Services, Inc. (EAS) of Elmsford, New York, where analysis was conducted using polarized light microscopy (PLM) in accordance with method EPA-600/M4-82-020. EAS is accredited by the American Industrial Hygiene Association (AIHA), the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program (NVLAP), and the State of Connecticut Department of Health. Analysis results are attached to this report as Appendix A (under separate cover). Samples found to contain more than one percent asbestos are considered Asbestos Containing Materials (ACM) under Federal and State regulations.

Under the scope of this survey, it should be noted that transmission electron microscopy (TEM)

confirmation analysis was not performed for non-friable organically bound materials which were found to contain less than one percent asbestos by the PLM method. These materials should be confirmed by TEM analysis prior to being considered non-ACM.

### **3.0 RESULTS OF ASBESTOS SURVEY**

The following section discusses the results of the asbestos survey in tabular form. Table 3A provides a qualitative summary of the categories of asbestos materials identified in each building. Table 3B presents the total estimated quantities of asbestos containing materials and the total estimated quantities of floor tiles and floor tile mastic (non-ACM by PLM methods) for the entire facility.

The remainder of this section is organized by building. The first table for each building presents the total estimated quantities of asbestos containing materials and the total estimated quantities of floor tiles and floor tile mastic (non-ACM by PLM methods). Note that the floor tiles and floor tiles mastic presented here cannot be considered non-asbestos containing materials without TEM analysis. Quantities of these materials have been provided. The next two tables presented are detailed inventories of asbestos containing materials and floor tiles and floor tile mastic (non-ACM by PLM methods) sorted by assigned functional area number. If the materials are only present in one area, only the table of total estimated quantities is presented. The last table for each building is a summary of analytical results. Detailed analysis reports are attached as Appendix A (under separate cover). Attachment 1 to this report is a photographic log of representative asbestos containing building materials encountered throughout this survey.

Drawings have been included in this report for each building where samples were collected. Drawings of each building have been broken down by functional area (e.g., Area 101). The functional area numbers and asbestos bulk sample locations are shown on these drawings.

#### **Clarifications**

##### **Roofing**

Information on roofing materials is based on our review of data from bulk sampling performed by EnviroMed Services, Inc., limited sampling performed by Malcolm Pirnie and interviews with F.J. Dahill, the roofing contractor who performed the majority of roofing work at the SAEP over the past 10 years.

The roofing materials and flashing tar associated with the following buildings have been determined to be asbestos containing based on samples collected by EnviroMed Services, Inc.: B-15, B-13, B-10, B-4, and B-3 (portions). The roofing materials of these buildings consists of the older style built-up layers of felt and tar with gravel topping.

Based on visual observations and interviews with F.J. Dahill, the roofing materials of the following buildings are similar in appearance and age to those which are known to be asbestos containing and, therefore, have been assumed to be asbestos containing: 3A, 5, 6A, 7, 7A, 8, 9, 16 (southwest side only), 17, 18, 33, 34, 36, 37, 38, 40, 41, 42, 43, 53, 58, 59, 60, 61, and 63.

Based on our interviews with F.J. Dahill, the following buildings are assumed to have asbestos containing roofing materials which have been covered in-place by new rubberized roofing membranes: B-1, B-2 (main section), and B-6.

The older built-up roofs of the following buildings have been removed and replaced with modern rubberized membranes. Confirmation sampling was not performed due to the potential for creating leaks in the new membranes. Roofing materials associated with the following buildings are assumed non-ACM: B-2 (south portion and southeast corner opposite B-10, approximately one quarter of total roof area), B-3 (south side, at center, approximately one third of total roof area), B-12, B-16 (northeast side only, approximately half of total roof area), B-19, B-44, B-48, B-52, B-64-1, B-64-2, B-65, B-67, B-68, B-69, B-70, B-71, B-72, B-73, B-74, B-75, B-76, B-77, B-78, B-79, B-80, B-81, and B-82.

All asbestos roofing quantities provided in the tables are equal to the estimated footprint area of the building.

#### Firedoors

A limited number of firedoors were opened for the purpose of sampling core insulation. The results of this sampling indicate that some of the doors are insulated with asbestos and others are insulated with non-asbestos material. Due to the impracticality of sampling all doors throughout the facility, it should be assumed that all firedoors are potentially insulated with asbestos.

Firedoors may include metal clad and wooden doors (interior and exterior). Firedoors do not pose a hazard when left undisturbed, however, if demolition is required, the firedoors should be sampled and the asbestos content of the doors should be determined for appropriate disposal.

#### Window Caulking

Representative window caulking samples were collected from 20 buildings throughout the facility. The analyses of these samples yielded inconclusive results - some positive results, some negative results for similar caulking as determined by visual observation. Visual delineation of the various types of caulking is difficult due to the fact that some of the caulking is painted, different types of caulking have been used over the years, and some older windows have been replaced while other windows remain. Since it is not possible to visually group the different types of caulking, all window caulking has been assumed to be ACM for the purposes of this report. Total estimated quantities of caulking have been presented for each building. The

asbestos content of specific areas of window caulking should be determined prior to any demolition or renovation work.

### Electrical Wire Insulation

Electrical wire insulation was not sampled by Malcolm Pimie due to electrical hazards. Furthermore quantification of asbestos containing wire insulation would require disassembling of numerous facility electrical conduits and components. Therefore, identification and quantification of asbestos containing wire insulation should be made prior to any demolition, wire removal or maintenance activities which will disturb electrical wire insulation.

### Abatement

During the course of this survey, asbestos abatement was being conducted by Stratford Army Engine Plant throughout the facility. It should be noted that the estimated quantities provided in this report do not account for any abatements that may have taken place after an area was surveyed.



**TABLE 3A**  
**ASBESTOS SURVEY - SUMMARY OF SURVEY RESULTS**  
**STRATFORD ARMY ENGINE PLANT**  
**STRATFORD, CONNECTICUT**

Building No.	Approximate Area (Actual Floor Space) (sq. ft.)	Friable ACM Present	Non-friable ACM Present	Negative Floor Tile and Mastic Present (not confirmed by TEM)	Asbestos Roofing Material Present
53	12,694	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
53A	60	NO (See Note 1)	YES	NO	NO <sup>(4)</sup>
58	5,447	YES	YES	NO	YES <sup>(2)</sup>
59	3,220	NO (See Note 1)	NO	YES	YES <sup>(2)</sup>
60	190	NO	NO	NO	YES <sup>(2)</sup>
61	6,211	YES	NO	NO	YES <sup>(2)</sup>
63	194	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
64-1	616	NO (See Note 1)	NO	NO	NO <sup>(4)</sup>
64-2	3,547	NO (See Note 1)	NO	NO	NO <sup>(4)</sup>
65	43,157	NO (See Note 1)	NO	YES	NO <sup>(4)</sup>
67	5,033	NO (See Note 1)	NO	NO	NO <sup>(4)</sup>
68	388	NO (See Note 1)	NO	NO	NO <sup>(4)</sup>
69	1,500	NO (See Note 1)	NO	YES	NO <sup>(4)</sup>
70	832	NO (See Note 1)	NO	NO	NO <sup>(4)</sup>
71	3,272	NO (See Note 1)	NO	NO	NO <sup>(4)</sup>
72	4,401	NO (See Note 1)	NO	NO	NO <sup>(4)</sup>
73	471	NO	NO	NO	NO <sup>(4)</sup>
74	975	NO	NO	NO	NO <sup>(4)</sup>
75	239	NO	NO	NO	NO <sup>(4)</sup>
76	456	NO	NO	NO	NO <sup>(4)</sup>
77	14,890	NO (See Note 1)	NO	NO	NO <sup>(4)</sup>
78	271	NO (See Note 1)	NO	YES	YES <sup>(5)</sup>
79	2,100	NO	YES	YES	NO <sup>(4)</sup>
80	3,279	NO	NO	NO	NO <sup>(4)</sup>
81	736	NO	NO	NO	NO <sup>(4)</sup>
82	125	NO (See Note 1)	NO	YES	NO <sup>(4)</sup>

Notes:

- (1) Assumed asbestos window caulking and fire doors are present.
- (2) Built-up roofing material.
- (3) Rubberized membrane over built-up roofing material.
- (4) Rubberized membrane only.
- (5) Shingle roof.
- (6) The non-friable ACM referenced here is on outdoor piping associated with the tank farm, not in Building 44.

**TABLE 3A**  
**ASBESTOS SURVEY - SUMMARY OF SURVEY RESULTS**  
**STRATFORD ARMY ENGINE PLANT**  
**STRATFORD, CONNECTICUT**

Building No.	Approximate Area (Actual Floor Space) (sq. ft.)	Friable ACM Present	Non-friable ACM Present	Negative Floor Tile and Mastic Present (not confirmed by TEM)	Asbestos Roofing Material Present
1	88,353	YES	YES	YES	YES <sup>(3)</sup>
2	874,334	YES	YES	YES	YES <sup>(3,4)</sup>
3	237,801	YES	YES	YES	YES <sup>(2,4)</sup>
3A	30,517	YES	YES	YES	YES <sup>(2)</sup>
4	26,013	YES	YES	YES	YES <sup>(2)</sup>
5	5,363	YES	NO	NO	YES <sup>(2)</sup>
6	107,496	YES	YES	YES	YES <sup>(3)</sup>
6A	2,183	YES	YES	NO	YES <sup>(2)</sup>
7	3,652	YES	NO	YES	YES <sup>(2)</sup>
7A	3,050	YES	YES	YES	YES <sup>(2)</sup>
8	1,869	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
9	12,754	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
10	44,361	YES	YES	YES	YES <sup>(2)</sup>
12	24,911	YES	YES	YES	NO <sup>(4)</sup>
13	7,803	YES	NO	NO	YES <sup>(2)</sup>
15	12,288	YES	YES	YES	YES <sup>(2)</sup>
16	68,928	YES	YES	YES	YES <sup>(2,4)</sup>
17	2,397	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
18	5,820	NO (See Note 1)	NO	YES	YES <sup>(2)</sup>
19	36,008	YES	YES	YES	NO <sup>(4)</sup>
33	586	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
34	1,388	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
36	390	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
37	390	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
38	390	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
40	390	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
41	390	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
42	497	YES	NO	NO	YES <sup>(2)</sup>
43	516	NO (See Note 1)	NO	NO	YES <sup>(2)</sup>
44	4,107	NO (See Note 1)	YES <sup>(6)</sup>	NO	NO <sup>(4)</sup>
48	4,107	NO (See Note 1)	NO	NO	NO <sup>(4)</sup>
52	4,928	YES	NO	NO	NO <sup>(4)</sup>

**TABLE 3B**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**STRATFORD ARMY ENGINE PLANT**

Item #	Material Description	Quantity	Units
1	Pipe insulation and associated fittings, magnesium block, 2-6" O.D.	6,049	LF
2	Magnesium block duct insulation	525	SF
2A	Heat exchanger insulation, magnesium block, 14" O.D.	7	LF
3	Still Pot insulation, magnesium block	126	SF
5	Pipe fitting insulation	440	EA
6	Pipe fitting insulation over foam pipe insulation, 16" O.D.	369	SF
7	Pipe fitting insulation on 12-18" O.D. pipe insulation	403	SF
8	Paper pipe covering (1.5' x 30')	150	SF
10	Fabric strapping	87	LF
11	Pipe insulation and fittings, magnesium block, 12-18" O.D.	371	LF
17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	27,593	SF
18	Pipe insulation and associated fittings, Aircell, 2-6" O.D.	10,378	LF
19	Residual floor tile mastic	12,630	SF
20	Floor tile, green, 9" x 9"	560	SF
24	Steam heat exchanger, 18" O.D.	50	SF
27	Floor tile, green with dark green and white streaks, 12" x 12"	1,200	SF
30	Pink magnesium block wall insulation	450	SF
32	Transite wall board	23,521	SF
33	Pipe insulation and associated fittings, white rolled paper, 2-6" O.D.	1,169	LF
34	Pipe insulation and associated fittings, brown rolled paper, 2-6" O.D.	10,332	LF
36	Floor tile, black with large white and teal streaks, 9" x 9", and associated mastic	482	SF
37	Floor tile, greenish-grey with white and black streaks, 9" x 9"	1,860	SF
41	Floor tile and associated mastic, black with white streaks, 9" x 9"	747	SF
42	Floor tile, light grey with black and white streaks, 9" x 9"	3,916	SF
44	Floor tile, black, 9" x 9"	374	SF
45	Floor tile, dark grey with black and white streaks, 9" x 9"	3,759	SF
46	Residual black mastic, floor tile previously removed	1,084	SF
49	Pipe insulation and associated fittings, magnesium block, pink, 7-8" O.D.	34	LF
53	Vibration joints, white fabric	40	EA
55	Floor tile and associated black mastic, black with brown streaks, 12" x 12"	7,255	SF
56	Plaster walls & ceiling	7,650	SF
58	Floor tile and associated mastic, tan with brown and white streaks, 9" x 9"	14,301	SF
61	Floor tile and associated mastic, black, size unknown	196	SF
62	Floor tiles and associated mastic, beige w/ brown streaks, 9" x 9"	44,295	SF
67	Duct insulation over cork, magnesium block	4,607	SF

**TABLE 3B**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**STRATFORD ARMY ENGINE PLANT**

Item #	Material Description	Quantity	Units
69	Pipe insulation and associated fittings, egg crate rolled paper, 2-6" O.D.	722	LF
70	Vibration joint, white fabric/canvas	8	EA
71	Floor tile and associated black mastic, white with grey specks, 12" x 12"	865	SF
72	Floor tile, greenish with white and grey streaks, 9" x 9"	2,845	SF
74	Floor tile and associated black mastic, black with white and green streaks, 12" x 12"	2,606	SF
77	Floor tile and associated mastic, dark brown with cream and tan streaks	782	SF
78	Floor tile and associated black mastic, cream with brown and black swirls, 12" x 12"	312	SF
79	Floor tile and associated black mastic, beige with brown streaks and blotches, 12" x 12"	234	SF
79M	Floor tile mastic, under beige w/brown streaks + blotches, 12" x 12"	1,223	SF
80	Floor tile, miscellaneous black under item 58, suspected 9" x 9"	1,053	SF
81	Floor tile and associated mastic, tan with white streaks, 9" x 9"	208	SF
83	Linoleum floor - tan with white and black streaks	775	SF
84	Floor tile and associated mastic, burgundy with tan streaks, 9" x 9"	505	SF
85	Floor tile and associated mastic, miscellaneous 9" x 9", assume positive	8,210	SF
86	Floor tile and associated black mastic, tan with small white and black streaks, 12" x 12"	120	SF
87	Floor tile and associated black mastic, dark grey with white streaks, 9" x 9"	1,993	SF
88	Floor tile and associated mastic, grey with tiny black and white streaks, 12" x 12"	78	SF
89	Floor tile and associated black mastic, tan with cream streaks, 12" x 12"	102	SF
90	Pipe insulation and associated fittings, inaccessible, assume positive, 2-18" O.D.	16,736	LF
94	Floor tile and associated mastic, beige with black and white streaks, 9" x 9", assumed positive	254	SF
92	Floor tile and associated mastic, sky blue with small white streaks, 12" x 12"	944	SF
93	Floor tile and associated mastic, black with white streaks, 12" x 12"	75	SF
95	Pipe insulation and associated fittings, light brown bumpy rolled paper, 3-4" O.D.	35	LF
98	Pipe insulation and associated fittings, egg crate, 7-12" O.D.	2,558	LF
101	Floor tile and associated mastic, beige with small black streaks and large white spots, 12" x 12"	460	SF
102	Floor tile and associated mastic, burgundy, unknown size	460	SF
103	Floor tile and associated black mastic, peach with small brown streaks, 12" x 12"	36	SF
104	Floor tile and associated black mastic, light grey with white streaks, 9" x 9"	420	SF
107	Floor tile and associated mastic, mint green with white and dark green specks, 9" x 9"	19,646	SF
111	Linoleum floor, beige with brown hair and yellow dots	1,350	SF
112	Floor tile and associated mastic under carpet	11,460	SF
113	Floor tile and associated black mastic, brown with black and white streaks, 12" x 12"	132	SF
117	Floor tile, light grey with black and white chips, 9" x 9"	1,270	SF
122	Floor tile and associated mastic, light grey with black and white streaks, 9" x 9"	838	SF
124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	3,621	SF

**TABLE 3B**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**STRATFORD ARMY ENGINE PLANT**

Item #	Material Description	Quantity	Units
129	Thin treatment on concrete stairway	93	SF
135	Floor tile and associated mastic, grey-green with white flecks, 12" x 12"	504	SF
136	Pipe insulation and associated fittings, magnesium block, 7-12" O.D.	449	LF
137	Pipe insulation and associated fittings, Aircell, 7-12" O.D.	499	LF
138	Pipe insulation and associated fittings, brown rolled paper, 7-12" O.D.	1,161	LF
139	Pipe insulation and associated fittings, white rolled paper, 7-12" O.D.	71	LF
140	Floor tile, green with white streaks, 9" x 9"	4,803	SF
143	Floor tile, mint green with white and green streaks, 9" x 9"	20,636	SF
145	Floor tile, black with tiny white specks, 12" x 12"	120	SF
146	Floor tile and associated black mastic, mustard brown, 12" x 12"	120	SF
150	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	5,489	SF
161	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	30	SF
164	Black indoor roofing paper	1,000	SF
165	Floor tiles, cream w/ large brown streaks, 9" x 9"	15,417	SF
168	Miscellaneous fitting insulation - assumed positive (inaccessible due to height)	1	EA
176	Floor tiles and associated mastic, beige w/ white + brown chunks, 12" x 12"	4,350	SF
178	Floor tiles and associated mastic, black w/ brown streaks, 12" x 12"	156	SF
180	Transite roof, ridged	100	SF
181	Floor tiles and associated mastic, tan w/ white blotches, 12" x 12" - assumed pos.	400	SF
184	Floor tiles and associated mastic, sea foam green w/ blotches, 12" x 12"	65	SF
185	Floor tiles and associated mastic, light green (pattern unknown), 9" x 9"	2,109	SF
188	Floor tile and associated black mastic, cream with linear brown streaks, 12" x 12"	9,714	SF
189	Tar coating over metal wall	250	SF
193	Ceiling plaster & lathe	1,600	SF
202	Transite electrical board	20	SF
210	Linoleum and associated mastic gray, brown, & white conglomerate pattern	645	SF
216	Gray troweled coating on steps	132	SF
221	Pipe insulation and fittings, magnesium block, 1" O.D.	5	EA
224	Floor tiles and associated mastic, plain solid burgundy, 9" x 9"	5,822	SF
230	Baseboard mastic, black & brittle	45	LF
238	Floor tiles, burgundy - pattern unknown, size unknown	311	SF
241	Pipe insulation, white rolled paper with raised slots, 3"OD	3	LF
242	Floor tiles, clay red with ridges, 12" x 12"	4,195	SF
243	Floor tiles and associated mastic, clay red with no pattern or ridges, 12" x 12"	834	SF

**TABLE 3B**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**STRATFORD ARMY ENGINE PLANT**

Item #	Material Description	Quantity	Units
244	Floor tiles, unknown texture or unknown size	12,740	SF
246	Black carpet mastic	1,836	SF
250	Aircell layered over HVAC system	150	SF
252	Floor tiles and associated mastic, clay w/ white streaks, 9" x 9"	116	SF
255	Floor tiles and associated mastic, white w/ black & gray small short streaks, 9" x 9"	2,654	SF
256	Floor tiles and associated mastic, white w/ olive green streaks, 9" x 9" - assumed +	18	SF
257	Floor tile and associated black mastic, white with small black streaks, 9" x 9"	216	SF
258	Floor tiles and associated mastic, green w/ black & white streaks, 9" x 9"	180	SF
260	White paper and associated mastic laid on inner ceiling	2,150	SF
262	Floor tiles and associated mastic, dull gray w/ white+black small specks, 9" x 9"	688	SF
263	Floor tiles and associated mastic, yellow & gray heterogeneous horizontal mix, 9" x 9"	688	SF
268	Floor tile, light tan with white and grey thin streaks, 9" x 9"	500	SF
269	Floor tile, beige with thin white and grey streaks, 12" x 12"	110	SF
273A	Black tar on pipe fitting insulation and pipe fittings insulation ends (large fittings >11")	800	SF
273	Black tar on piping elbows (<12" O.D.)	61	EA
275	Linoleum - brown 1" x 2" tile pattern	60	SF
276	Pipe fitting insulation, magnesium block, 10-12" O.D.	2	EA
278	Floor coating over concrete, pink, with residual carpet mastic	920	SF
290	Pipe insulation and associated fittings, steel encased, inaccessible, 8-22" O.D. (suspect)	687	LF
295	Floor tile and associated mastic, light olive green with white streaks, 9" x 9", assumed positive	5	SF
297	Chiller insulation, black tar over powdery white insulant	250	SF
298	Miscellaneous tank insulation , assumed positive	200	SF
301	Acoustical ceiling tile, glued on, linear holes, 1' x 1', grey interior, contaminated	790	SF
302	Debris, area affected by pieces of aircell insulation	134	SF
303	Floor tiles and associated mastic, miscellaneous, 12" x 12" - assumed positive	77	SF
307	All Floor tiles and associated mastic	1,592	SF
FD	Fire Doors	1,298	EA
Roof	Roofing Material	1,204,917	SF
WC	Window caulking	44,005	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter



**TABLE 3C**  
**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**  
**STRATFORD ARMY ENGINE PLANT**

Item #	Material Description	Quantity	Units
13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	32,029	SF
15	Floor tile and associated black mastic, black, 12" x 12"	288	SF
20M	Black mastic from floor tile, green, 9" x 9"	560	SF
25	Floor tile and associated black mastic, black with small white streaks, 12" x 12"	411	SF
27M	Black mastic from floor tile, green with dark green and white streaks, 12" x 12"	1,200	SF
37M	Black mastic from floor tile, greenish-grey with white and black streaks, 9" x 9"	1,860	SF
41M	Floor tile mastic, under black w/ white streaks, 9" x 9"	312	SF
42M	Black mastic from floor tile, light grey with black and white streaks, 9" x 9"	2,652	SF
44M	Black mastic from floor tile and associated mastic, black, 9" x 9"	320	SF
45M	Black mastic from floor tile, dark grey with black and white streaks, 9" x 9"	3,759	SF
46	Black mastic, FT Previously removed, Affected area	925	SF
62	Floor tile and associated mastic, tan with brown streaks, 9" x 9"	210	SF
62M	Black mastic from floor tile, beige with brown streaks, 9" x 9"	19,620	SF
72M	Black mastic from floor tile, greenish with white and grey streaks, 9" x 9"	2,845	SF
79	Floor tiles and associated mastic, beige w/brown streaks + blotches, 12" x 12"	537	SF
80	Miscellaneous Black FT - suspected 9" x 9"	1	SF
82	Floor tile and associated black mastic, grey with white and grey streaks, 12" x 12"	1,088	SF
86	Floor tiles and associated mastic, tan w/ white + black streaks, 12" x 12"	488	SF
92	Floor tile and associated mastic, sky blue with small white streaks, 12" x 12"	775	SF
99	Floor tile and associated black mastic, black with white specks, 12" x 12"	390	SF
103	Floor tiles and associated mastic, peach w/ small brown streaks, 12" x 12"	364	SF
107	Floor tiles and associated mastic, mint green w/ white specks + dark green specks, 9" x 9"	30	SF
108	Floor tile and associated mastic, peach/beige with black and white streaks, 9" x 9"	25	SF
109	Floor tile and associated mastic, light grey with grey and white chips, 12" x 12"	1,538	SF
112	Unknown tile and associated mastic, under carpet	2,061	SF
113	Floor tile and associated mastic, Brown with black and white streaks, 12" x 12"	684	SF
114	Floor tile and associated mastic, beige with small black and white specks, 12" x 12"	427	SF
116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	5,093	SF
117M	Black mastic from floor tile, light grey with black and white chips, 9" x 9"	1,270	SF
123	Mastic under rubber flooring	3,370	SF
124	Floor tiles and associated mastic, light green w/ white + olive chips, 12" x 12"	3,126	SF
132	Floor tile and associated black and yellow mastic, pink with burgundy and white chips, 12" x 12"	1,693	SF
140M	Black mastic from floor tile, green with white streaks, 9" x 9"	4,800	SF
143M	Black mastic from 9" x 9" floor tile, mint green with white and green streaks (Area 3)	12,926	SF
145M	Black mastic from 12" x 12" floor tile, black with tiny white specks (Area 2)	120	SF
160	Floor tiles and associated mastic, cream w/ brown + gray chips, 12" x 12"	2,244	SF
161	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	4,518	SF

**TABLE 3C**  
**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**  
**STRATFORD ARMY ENGINE PLANT**

Item #	Material Description	Quantity	Units
163	Floor tiles and associated mastic, periwinkle blue w/ blue + white chips, 12" x 12"	2,988	SF
165M	Floor tile mastic, under cream w/ large brown streaks, 9" x 9"	15,417	SF
169	Floor tiles and associated mastic, red/brown w/ large white streaks, 9" x 9"	80	SF
170	Floor tiles and associated mastic, bright Red w/ large white streaks, 9" x 9"	300	SF
171	Floor tiles and associated mastic, white w/ gray flecks, 12" x 12"	3,155	SF
172	Floor tiles and associated mastic, dark + light gray streaked, 12" x 12"	150	SF
173	Floor tiles and associated mastic, light brown w/ large white streaks, 12" x 12"	1,322	SF
175	Floor tiles and associated mastic, beige w/ brick red + white large streaks, 12" x 12"	6,244	SF
183	Floor tiles and associated mastic, light blue -green w/ white and dark green streaks, 9" x 9"	194	SF
184	Floor tiles and associated mastic, sea foam green with blotches, 12" x 12" FT	470	SF
188	Floor tiles and associated mastic, cream w/ linear brown streaks, 12" x 12"	26	SF
188M	Floor tile mastic, under cream w/ linear brown streaks, 12" x 12"	14	SF
197	Floor tiles and associated mastic, slate blue w/ dark blue & white flecks, 12" x 12"	9,337	SF
208	Black troweled coating on steps	66	SF
219	Floor tiles and associated mastic, brown clay with red, white & brown flecks, 12" x 12"	332	SF
220	Floor tiles and associated mastic, pinkish with tan and white small short streaks, 12" x 12"	293	SF
230	Baseboard mastic - black, brittle	68	LF
233	Floor tiles and associated mastic, beige w/ white & reddish pink streaks, 9" x 9"	70	SF
238M	Floor tile mastic, under burgundy - pattern unknown, size unknown	311	SF
242M	Floor tile mastic, under clay red with ridges, 12" x 12"	2,878	SF
244	Floor tiles and associated mastic, unknown texture, unknown size	449	SF
244M	Floor tile mastic, under tile that appears as dark gray with b+w blotches, 9" x 9"	4,366	SF
245	Floor tiles and associated mastic, money green w/ white streaks, 12" x 12"	28	SF
251	Floor tiles and associated mastic, Brown, 9" x 9"	3,455	SF
257	Floor tiles and associated mastic, white w/ small black streaks, 9" x 9"	2,458	SF
261	Floor tiles and associated mastic, pink with white , burgundy, orange flecks, 12" x 12"	2,282	SF
267	Floor tiles and associated mastic, red w/ white long streaks, 9" x 9"	300	SF
268M	Black mastic from floor tile, light tan with white and grey thin streaks, 9" x 9"	200	SF
269M	Black mastic from floor tile, beige with thin white and grey streaks, 12" x 12"	110	SF
304	Floor tiles and associated mastic, peach with white, gray, and orange small streaks, 12" x 12"	280	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

### **3.1 BUILDING 1 - MAIN ADMINISTRATIVE AND GOVERNMENT OFFICES**

Building 1 is a three-story 88,353 square foot building. All three floors consist of office space. The building is constructed of concrete and wood floors, steel supports, and masonry, glass, and metal exterior walls. Roofing consists of a new rubberized roof membrane over tar and felt built-up roofing material.

**TABLE 3.1.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 1**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

Item #	Material Description	Quantity	Units
1	Pipe insulation and fittings, magnesium block, 2-6" O.D.	348	LF
18	Pipe insulation and fittings, Aircell, 2-6" O.D.	1,013	LF
33	Pipe insulation and fittings, white rolled paper, 2-3" O.D.	130	LF
34	Pipe insulation and fittings, brown rolled paper, 3-5" O.D.	74	LF
46	Black mastic, FT Previously removed, Affected area	84	SF
53	White fabric vibration joint	5	EA
69	Pipe insulation and fittings, eggcrate rolled paper, 4-6" O.D.	118	LF
85	Floor tiles and associated mastic, miscellaneous, 9" x 9" - assumed positive	429	SF
137	Pipe insulation and fittings, Aircell, 7" O.D.	8	LF
143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	11,688	SF
161*	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	30	SF
185	Floor tiles and associated mastic, light green (pattern unknown), 9" x 9"	311	SF
224	Floor tiles and associated mastic, plain solid burgundy, 9" x 9"	5,822	SF
230	Baseboard mastic, black & brittle	45	LF
238	Floor tiles, burgundy - pattern unknown, size unknown	311	SF
241	Pipe insulation, white rolled paper with raised slots, 3"OD	3	LF
242	Floor tiles, clay red with ridges, 12" x 12"	3,720	SF
243*	Floor tiles and associated mastic, clay red with no pattern or ridges, 12" x 12"	834	SF
244	Floor tiles and associated mastic, either unknown pattern or size	1,274	SF
246	Black carpet mastic	736	SF
250	Aircell layered over HVAC system	150	SF
252 <sup>A</sup>	Floor tiles and associated mastic, clay w/ white streaks, 9" x 9"	116	SF
302	Debris, area affected by pieces of aircell insulation	130	SF
303	Floor tiles and associated mastic, miscellaneous, 12" x 12" - assumed positive	77	SF
17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	9,766	SF
112 <sup>A</sup>	All Floor tiles and associated mastic, floor tiles under carpet (multiple layers)	11,100	SF
FD	Fire Doors	50	EA
Roof	Roofing Material - both exterior and interior	60,000	SF
WC	Window Caulking	4,000	LF

**TABLE 3.1.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 1**

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

Item #	Material Description	Quantity	Units
46	Black mastic, FT Previously removed, Affected area	925	SF
79	Floor tiles and associated mastic, beige w/brown streaks + blotches, 12" x 12"	462	SF
80	Miscellaneous Black FT - suspected 9" x 9"	1	SF
112	Floor tiles and associated mastic, white with unknown pattern under carpet, 12" x 12"	561	SF
123	Black mastic under rubber flooring	150	SF
188	Floor tiles and associated mastic, cream w/ linear brown streaks, 12" x 12"	26	SF
230	Baseboard mastic - black, brittle	68	LF
233	Floor tiles and associated mastic, beige w/ white & reddish pink streaks, 9" x 9"	70	SF
244	Floor tiles and associated mastic, either unknown pattern or size	449	SF
245	Floor tiles and associated mastic, money green w/ white streaks, 12" x 12"	28	SF
251	Floor tiles and associated mastic, Brown, 9" x 9"	3,339	SF
143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	8,097	SF
238M	Floor tile mastic, under burgundy - pattern unknown, size unknown	311	SF
242M	Floor tile mastic, under clay red with ridges, 12" x 12"	2,878	SF
251 <sup>A</sup>	Floor tiles and associated mastic, Brown, 9" x 9"	116	SF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

(A) Multiple layers floor tile have been found in the specified area. Since one or more layers of floor tile or mastic were determined to be positive by PLM, the entire effected floor area has been included as ACM.

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

**TABLE 3.1.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 1**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
1	S01	✓ 242	Floor tiles, clay red with ridges, 12" x 12"	✓ 60	SF
1/1	102	✓ 46	Black mastic, FT Previously removed, Affected area	✓ 84	SF
1/1	102	✓ 185	Floor tiles and associated mastic, light green (pattern unknown), 9" x 9"	✓ 311	SF
1/1	102	✓ 238	Floor tiles, burgundy - pattern unknown, size unknown	✓ 311	SF
1/1	103	✓ 230	Baseboard mastic, black & brittle	✓ 14	LF
1/1	103	✓ 241	Pipe insulation, white rolled paper with raised slots, 3"OD	✓ 3	LF
1/1	103	✓ 17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	✓ 213	SF
1/1	104	✓ 242	Floor tiles, clay red with ridges, 12" x 12"	✓ 299	SF
1/1	105	✓ 1	Pipe insulation and fittings, magnesium block, 6" O.D.	✓ 2	LF
1/1	105	✓ 243*	Floor tiles and associated mastic, clay red with no pattern or ridges, 12" x 12"	✓ 138	SF
1/1	106	✓ 18	Pipe insulation and fittings, Aircell, 4-6" O.D.	✓ 71	LF
1/1	107	✓ 69	Pipe insulation and fittings, eggcrate rolled paper, 4-6" O.D.	✓ 86	LF
1/1	107	✓ 242	Floor tiles, clay red with ridges, 12" x 12"	✓ 156	SF
1/1	107	✓ 17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	✓ 156	SF
1/1	107	✓ 243*	Floor tiles and associated mastic, clay red with no pattern or ridges, 12" x 12"	✓ 313	SF
1/1	108	✓ 18	Pipe insulation and fittings, Aircell, 6" O.D.	✓ 25	LF
1/1	109	✓ 18	Pipe insulation and fittings, Aircell, 3-6" O.D.	✓ 56	LF
1/1	109	✓ 17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	✓ 192	SF
1/1	109	✓ 243*	Floor tiles and associated mastic, clay red with no pattern or ridges, 12" x 12"	✓ 384	SF
1/1	110	✓ 18	Pipe insulation and fittings, Aircell, 6" O.D.	✓ 27	LF
1/1	110	✓ 17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	✓ 360	SF
1/1	111	✓ 242	Floor tiles, clay red with ridges, 12" x 12"	✓ 842	SF
1/1	112	✓ 18	Pipe insulation and fittings, Aircell, 6" O.D.	✓ 13	LF
1/1	112	✓ 137	Pipe insulation and fittings, Aircell, 7" O.D.	✓ 6	LF
1/1	112	✓ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	✓ 55	SF
1/1	112	✓ 242	Floor tiles, clay red with ridges, 12" x 12"	✓ 575	SF
1/1	113	✓ 18	Pipe insulation and fittings, Aircell, 6" O.D.	✓ 28	LF
1/1	113	✓ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	✓ 30	SF
1/1	114	✓ 18	Pipe insulation and fittings, Aircell, 6" O.D.	✓ 47	LF
1/1	114	✓ 137	Pipe insulation and fittings, Aircell, 7" O.D.	✓ 2	LF
1/1	115	✓ 1	Pipe insulation and fittings, magnesium block, 4" O.D.	✓ 3	LF
1/1	115	✓ 18	Pipe insulation and fittings, Aircell, 2-6" O.D.	✓ 100	LF
1/1	116	✓ 18	Pipe insulation and fittings, Aircell, 6" O.D.	✓ 4	LF



**TABLE 3.1.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 1**

<b>Bld/Flr</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1/1	117	/ 18	Pipe insulation and fittings, Aircell, 4-6" O.D.	/ 140	LF
1/1	117	/ 34	Pipe insulation and fittings, brown rolled paper, 3" O.D.	/ 40	LF
1/1	117	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 11	SF
1/1	118	/ 18	Pipe insulation and fittings, Aircell, 6" O.D.	/ 21	LF
1/1	119	/ 18	Pipe insulation and fittings, Aircell, 6" O.D.	/ 53	LF
1/1	119	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 558	SF
1/1	120	/ 18	Pipe insulation and fittings, Aircell, 6" O.D.	/ 44	LF
1/1	120	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 895	SF
1/1	122	/ 18	Pipe insulation and fittings, Aircell, 6" O.D.	/ 50	LF
1/1	122	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 808	SF
1/1	122	/ 244	Floor tiles and associated mastic, unknown pattern & size - assumed positive	/ 635	SF
1/1	124	/ 18	Pipe insulation and fittings, Aircell, 4-6" O.D.	/ 30	LF
1/1	124	/ 244	Floor tiles and associated mastic, dark brown with unknown pattern, 9" x 9"	/ 638	SF
1/1	125	/ 246	Black carpet mastic	/ 507	SF
1/1	126	/ 246	Black carpet mastic	/ 229	SF
1/1	127	/ 18	Pipe insulation and fittings, Aircell, 4" O.D.	/ 9	LF
1/1	128	/ 18	Pipe insulation and fittings, Aircell, 3-5" O.D.	/ 57	LF
1/1	129	/ 18	Pipe insulation and fittings, Aircell, 4" O.D.	/ 50	LF
1/1	130	/ 18	Pipe insulation and fittings, Aircell, 6" O.D.	/ 51	LF
1/1	130	/ 34	Pipe insulation and fittings, brown rolled paper, 5" O.D.	/ 34	LF
1/1	130	/ 242	Floor tiles, clay red with ridges, 12" x 12"	/ 1,788	SF
1/1	131	/ 18	Pipe insulation and fittings, Aircell, 5" O.D.	/ 11	LF
1/1	131	/ 17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	/ 187	SF
1/1	132	/ 1	Pipe insulation and fittings, assumed positive (concealed above ceiling, estimated)	/ 200	LF
1/1	132	/ 18	Pipe insulation and fittings, Aircell, 3-4" O.D.	/ 64	LF
1/1	132	/ 53	White fabric vibration joint	/ 5	EA
1/1	132	/ 17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	/ 6,538	SF
1/2	201	/ 85	Floor tiles and associated mastic, miscellaneous, 9" x 9" - assumed positive	/ 25	SF
1/2	201	/ 224	Floor tiles and associated mastic, plain solid burgundy, 9" x 9"	/ 1,519	SF
1/2	201	/ 161*	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	/ 30	SF
1/2	202	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 113	SF
1/2	202	/ 224	Floor tiles and associated mastic, plain solid burgundy, 9" x 9"	/ 113	SF
1/2	203	/ 85	Floor tiles and associated mastic, miscellaneous, 9" x 9" - assumed positive	/ 20	SF

**TABLE 3.1.2**  
**INVENTORY OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 1**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
1/2	203	/143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 2,519	SF /
1/2	203	/303	Floor tiles and associated mastic, miscellaneous, 12" x 12" - assumed positive	/ 47	SF /
1/2	204	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 504	SF /
1/2	204	/17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	/ 250	SF /
1/2	206	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 238	SF /
1/2	206	/17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	/ 120	SF /
1/2	207	/ 85	Floor tiles and associated mastic, miscellaneous, 9" x 9" - assumed positive	/ 6	SF /
1/2	207	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 306	SF /
1/2	208	/143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 593	SF /
1/2	208	/ 230	Baseboard mastic - black, brittle	/ 31	LF /
1/2	208	/ 303	Floor tiles and associated mastic, miscellaneous, 12" x 12" - assumed positive	/ 30	SF /
1/2	208	/17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	/ 360	SF /
1/2	209	/ 69	Pipe insulation and fittings, eggcrate rolled paper, 4" O.D.	/ 22	LF /
1/2	209	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 732	SF /
1/2	209	/ 244	Floor tile and associated mastic, black, unknown size	/ 1	SF /
1/2	209	/17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	/ 360	SF /
1/2	210	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 757	SF /
1/2	210	/17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	/ 430	SF /
1/2	211	/ 69	Pipe insulation and fittings, eggcrate rolled paper, 3" O.D.	/ 10	LF /
1/2	212	/ 85	Floor tiles and associated mastic, miscellaneous, 9" x 9" - assumed positive	/ 177	SF /
1/2	212	/143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 590	SF /
1/2	212	/17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	/ 300	SF /
1/2	213	/ 85	Floor tiles and associated mastic, miscellaneous, 9" x 9" - assumed positive	/ 111	SF /
1/2	213	/143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 2,515	SF /
1/2	213	/17M	Mastic for acoustical ceiling tiles, some linear holes, 1' x 1'	/ 300	SF /
1/2	214	/ 18	Pipe insulation and fittings, Aircell, 4" O.D.	/ 20	LF /
1/2	214	/ 33	Pipe insulation and fittings, white rolled paper, 3" O.D.	/ 120	LF /
1/2	214	/ 85	Floor tiles and associated mastic, miscellaneous, 9" x 9" - assumed positive	/ 90	SF /
1/2	214	/224	Floor tiles and associated mastic, plain solid burgundy, 9" x 9"	/ 4,061	SF /
1/2	215	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 154	SF /
1/2	216	/ 18	Pipe insulation and fittings, Aircell, 3-4" O.D.	/ 17	LF /
1/2	216	/ 33	Pipe insulation and fittings, white rolled paper, 2 - 3" O.D.	/ 10	LF /
1/2	216	/143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 75	SF /

**TABLE 3.1.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 1**

Bld/Fir	Area #	Item #	Material Description	Quantity	Units
1/2	217	/ 143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	/ 236	SF
1/2	217	/ 224	Floor tiles and associated mastic, plain solid burgundy, 9" x 9"	/ 131	SF
1/2	218	Roof	Roofing material sandwiched between construction of second floor and third floor - estimated, assumed positive	/ 20,000	SF
1/3	305	/ 252 <sup>A</sup>	Floor tiles and associated mastic, clay w/ white streaks, 9" x 9"	/ 116	SF
1/3	310	/ 1	Pipe insulation and fittings, magnesium block, 5" O.D.	/ 143	LF
1/3	310	/ 112 <sup>A</sup>	All Floor tiles and associated mastic, floor tiles under carpet	/ 11,100	SF
1/Attic	400	/ 18	Pipe insulation and fittings, Aircell, 6" O.D.	/ 25	LF
1/Attic	400	/ 250	Aircell layered over HVAC system	/ 150	SF
1/Attic	400	/ 302	Debris, area affected by pieces of aircell insulation	/ 130	SF
1	---	/ FD	Fire Doors	/ 50	EA
1	---	/ Roof	Roofing material	/ 40,000	SF
1	---	WC	Window caulking	/ 4,000	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

(A) Multiple layers floor tile have been found in the specified area. Since one or more layers of floor tile or mastic were determined to be positive by PLM, the entire effected floor area has been included as ACM.

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

*116 items*

**TABLE 3.1.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 1**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
1	S01	242M	Floor tile mastic, under clay red with ridges, 12" x 12"	60	SF
1	S02	123	Black mastic under rubber flooring	150	SF
1/1	102	238M	Floor tile mastic, under burgundy - pattern unknown, size unknown	311	SF
1/1	104	242M	Floor tile mastic, under clay red with ridges, 12" x 12"	299	SF
1/1	107	242M	Floor tile mastic, clay red with ridges, 12" x 12"	156	SF
1/1	112	244	Floor tiles and associated mastic, unknown texture, unknown size	60	SF
1/1	112	245	Floor tiles and associated mastic, money green w/ white streaks, 12" x 12"	28	SF
1/1	112	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	55	SF
1/1	112	242M	Floor tile mastic, clay red with ridges, 12" x 12"	575	SF
1/1	113	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	30	SF
1/1	115	79	Floor tiles and associated mastic, beige w/brown streaks + blotches, 12" x 12"	308	SF
1/1	117	112	Floor tiles and associated mastic, white with unknown pattern under carpet, 12" x 12"	561	SF
1/1	117	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	11	SF
1/1	118	244	Floor tiles and associated mastic, black with unknown pattern (white layer in profile), 9" x 9"	389	SF
1/1	119	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	558	SF
1/1	122	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	808	SF
1/1	130	242M	Floor tile mastic, under clay red with ridges, 12" x 12"	1,788	SF
1/2	202	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	113	SF
1/2	204	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	504	SF
1/2	205	79	Floor tiles and associated mastic, beige w/brown streaks + blotches, 12" x 12"	154	SF
1/2	206	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	238	SF
1/2	207	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	306	SF
1/2	208	188	Floor tiles and associated mastic, cream w/ linear brown streaks, 12" x 12"	26	SF
1/2	208	233	Floor tiles and associated mastic, beige w/ white & reddish pink streaks, 9" x 9"	70	SF
1/2	208	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	593	SF
1/2	209	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	732	SF
1/2	210	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	757	SF
1/2	212	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	413	SF
1/2	213	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	2,515	SF
1/2	215	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	154	SF
1/2	216	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	75	SF
1/2	217	143M	Floor tile mastic, under mint green w/ white + dark green streaks, 9" x 9"	236	SF
1/2	218	230	Baseboard mastic - black, brittle	68	LF

**TABLE 3.1.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 1**

<b>Bld/Flr</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1/3	301	251	Floor tiles and associated mastic, Brown, 9" x 9"	1,510	SF
1/3	302	46	Black mastic - FT Previously removed	476	SF
1/3	303	80	Miscellaneous Black FT - suspected 9" x 9"	0.56	SF
1/3	303	251	Floor tiles and associated mastic, Brown, 9" x 9"	855	SF
1/3	304	251	Floor tiles and associated mastic, Brown, 9" x 9"	540	SF
1/3	305	251 <sup>A</sup>	Floor tiles and associated mastic, Brown, 9" x 9"	116	SF
1/3	306	251	Floor tiles and associated mastic, Brown, 9" x 9"	434	SF
1/3	308	46	Black mastic, FT Previously removed, Affected area	215	SF
1/3	309	46	Black mastic, FT Previously removed, Affected area	234	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

(A) Multiple layers floor tile have been found in the specified area. Since one or more layers of floor tile or mastic were determined to be positive by PLM, the entire effected floor area has been included as ACM.

**TABLE 3.1.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 1**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 663	061997 - 02 - 196 - A04	White wall tile grout from women's room in hallway between Bldgs 1 & 2	0.0
100397- 676	060597 - 01 - 225 - 01	Gray adhesive with white fibers under carpet (2nd Fl)	0.0
100397- 677	060597 - 01 - 161 - 01	12" x 12" FT Beige w/ white + brown small streaks	0.0
100397- 678	060597 - 01 - 161M - 01	Black mastic for 161-01	2.3
100397- 679	060597 - 01 - 224 - 01	9" x 9" Plain solid burgundy	2.8
100397- 680	060597 - 01 - 224M - 01	Dark brown brittle adhesive for 224-01	1.8
100397- 681	060697 - 01 - 128 - 01	leveling compound (grey - under mastic)	0.0
100397- 682	060697 - 01 - 56 - 01	Wall plaster over concrete (beige layer beneath thin white layer)	0.0
100397- 683	060697 - 01 - 143 - 01	9" x 9" FT mint green w/ white + dark green streaks	2.0
100397- 684	060697 - 01 - 143M - 01	Black mastic for 143-01	0.0
100397- 685	060697 - 01 - 52 - 01	Dark green canvas vibration joint	0.0
100397- 686	060697 - 01 - 73 - 01	Baseboard Mastic - brown, brittle (on 4" tall black baseboard)	0.0
100397- 687	060697 - 01 - 230 - 01	Baseboard mastic - black, brittle (on 5" tall black baseboard - some brown)	1.8
100397- 688	060697 - 01 - 223 - 01	Yellow brittle carpet mastic (caramel)	<1.0
100397- 689	060697 - 01 - 26 - 01	2' x 4' acoustical CT, large cracks (older version)	0.0
100397- 690	060697 - 01 - 56 - 02	Wall plaster & lathe (grey & white layers)	0.0
100397- 691	060697 - 01 - 17M - 01	Black adhesive from 1x1 cellulose CT	3.5
100397- 692	060697 - 01 - 167 - 01	carpet mastic - lime green gummy	0.0
100397- 693	060697 - 01 - 79M - 01	Black mastic for 79-01	0.0
100397- 694	060697 - 01 - 17M - Brown	Brown mastic from 1x1 cellulose CT	1.8
100397- 695	060697 - 01 - 69 - 01	PI - Eggcrate rolled paper (4" OD on older heating system)	25.2
100397- 696	060697 - 01 - 57 - 01	Yellow gummy carpet mastic (hallway)	0.0
100397- 697	060697 - 01 - 79 - 01	12" x 12" FT - beige w/brown streaks + blotches (under orange carpet)	0.0
100397- 698	060697 - 01 - 222 - 01	Flexible yellow/beige baseboard mastic (similar to 158), opaque	0.0
100397- 699	060697 - 01 - 128 - 02	leveling compound (white)	0.0
100397- 700	060697 - 01 - 231 - 01	Linoleum Flooring - red brown with black & yellow lava spills	0.0
100397- 701	060697 - 01 - 231B - 01	Backing for 231-01 (fabric and felt layers)	0.0
100397- 702	060697 - 01 - 231M - 01	Mastic for 231-01(Dark brown and brittle)	0.0
100397- 703	060697 - 01 - 233 - 01	9" x 9" FT Beige w/ white & reddish pink streaks	0.0
100397- 704	060697 - 01 - 233M - 01	Black mastic for 233-01	0.0
100397- 705	060697 - 01 - 188 - 01	12" x 12" FT cream w/ linear brown streaks (hallway to men's room)	0.0
100397- 706	060697 - 01 - 188M - 01	Black mastic for 188-01	0.0
100397- 707	060697 - 01 - 244 - 2F	Unknown size, unknown texture FT (Black Tile-like strip)	10.3
100397- 708	060697 - 01 - 70 - 01	Vibration joint - white fabric/canvas (torn in half - unit missing)	0.0
100397- 709	060697 - 01 - 56 - 05	Wall plaster over concrete	0.0
100397- 710	060697 - 01 - 234 - 01	Carpet mastic: brown and gummy (for Orange Carpet tiles)	0.0
100397- 711	060697 - 01 - 211 - 01	VJ with fine tighter woven thread in rubber	0.0
100397- 712	060697 - 01 - 123 - 01	Mastic under rubber flooring (Brown & brittle adhesive under mat)	0.0
100397- 713	060697 - 01 - 56 - 03	Wall plaster over concrete (white layer)	0.0
100397- 714	060697 - 01 - 223 - 02	Yellow brittle carpet mastic (green carpet)	0.0

**TABLE 3.1.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 1**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 715	060697 - 01 - 235 - 01	Carpet mastic: brown and brittle (under foam under nailed down carpet)	0.0
100397- 716	060697 - 01 - 128 - 03	leveling compound (white, under carpet)	0.0
100397- 717	060697 - 01 - 51 - 01	1' x 1' acoustical CT white w/ squiggly lines + dots. (similar to 26)	0.0
100397- 718	060697 - 01 - 51M - 01	Brown brittle adhesive for 51-01	0.0
100397- 719	060697 - 01 - 33 - 01	3" OD PI - rolled paper wrap (white)	47.0
100397- 720	060697 - 01 - 196 - 01	Grout between ceramic tiles (floor - women's room by stairs)	0.0
100397- 721	060697 - 01 - 195 - 01	Adhesive under ceramic tiles (women's room by stairs)	0.0
100397- 722	060697 - 01 - 153 - 01	2' x 4' ACT large linear cracks w/ pin holes - FG interior (outer white coat only)	0.0
100397- 723	060697 - 01 - 223 - 03	Yellow brittle carpet mastic (Greenish yellow, carpet is red,brown, orange, and white)	0.0
100397- 724	060697 - 01 - 128 - 04	leveling compound (white)	0.0
100397- 725	060697 - 01 - 18 - 01B	Paper /Aircell PI, 4" OD	11.8
100397- 726	060697 - 01 - 235 - RS	Carpet mastic: brown and brittle (on plywood)	0.0
100397- 727	060697 - 01 - 230 - RS	Baseboard mastic - black, brittle	0.0
100397- 728	060697 - 01 - 232 - 01	Linoleum Flooring - Black with off white lava spills; [TP] for tar paper, [M] for mastic	0.0
100397- 729	060697 - 01 - 232M - 01	Red brown mastic for 232-01 between tar paper and linoleum	0.0
100397- 730	060697 - 01 - 232TP - 01	Tar paper for 232-01 (on top of #143)	0.0
100397- 731	060697 - 01 - 56 - 04	Wall plaster over concrete (exposed underneath newer construction)	0.0
100397- 732	060697 - 01 - 196 - 02	Grout between ceramic tiles (floor - older bathroom construction)	0.0
100397- 733	060697 - 01 - 237 - 01	Window tint (reflective, light black, and translucent)	0.0
100397- 734	060697 - 01 - 196 - 03	Reddish Brown Grout between ceramic tiles (floor - newer bathroom construction)	0.0
100397- 735	060697 - 01 - 195 - RS	Adhesive under ceramic tiles (on wall ceramic tiles, caramel)	0.0
100397- 736	060697 - 01 - 196 - 04	White Grout between ceramic tiles (on wall ceramic tiles)	0.0
100397- 737	060697 - 01 - 299 - RS	PFI 4" OD (grey cementitious PFI)	0.0
100397- 738	060697 - 01 - ROOF - RS	Roof material laid on top of wooden supports above suspended ceiling (sandwich)	0.0
100397- 739	060697 - 01 - 110 - RS	2' x 2' ACT - swirly cracks	0.0
100397- 740	060997 - 01 - 57 - 01B	Yellow gummy carpet mastic (neon yellow - hallway)	0.0
100397- 741	060997 - 01 - 240 - 01	2' x 4' ACT with 4 wide slots of random ridges and pinholes (hallway)	0.0
100397- 742	060997 - 01 - 235 - 01B	Carpet mastic: brown and brittle (reception area - carpet as baseboards)	0.0
100397- 743	060997 - 01 - 234 - 01B	Carpet mastic: brown and gummy (reception area)	0.0
100397- 744	060997 - 01 - 242 - 01	12" x 12" FT Clay red with ridges (reception area)	2.3
100397- 745	060997 - 01 - 242M - 01	Black brittle mastic for 242-01 (reception area)	<1.0
100397- 746	060997 - 01 - 190 - 01	2' x 2' ACT large rice krispies w/ pin holes (rest room)	0.0
100397- 747	060997 - 01 - 196 - 01B	Grout between ceramic tiles (wall - rest room)	0.0
100397- 748	060997 - 01 - 196 - 02B	Grout between ceramic tiles (floor - rest room)	0.0
100397- 749	060997 - 01 - 185 - 01	9" x 9" FT light green (pattern unknown - conference room)	4.9
100397- 750	060997 - 01 - 185M - 01	Black brittle mastic for 185-01	8.4
100397- 751	060997 - 01 - 167 - 01	carpet mastic - lime green gummy (very green and opaque - conf. room)	0.0
100397- 752	060997 - 01 - 238 - 01	(9x9?) FT Burgundy - pattern unknown (conf. room)	2.3
100397- 753	060997 - 01 - 238M - 01	Black brittle mastic for 238-01 (conf. room)	0.0
100397- 754	060997 - 01 - 46 - 01	Black mastic - FT Previously removed (hallway to conf. room)	9.4

**TABLE 3.1.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 1**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 755	060997 - 01 - 223 - 01B	Yellow brittle carpet mastic (Room 30)	0.0
100397- 756	060997 - 01 - 230 - 01B	Baseboard mastic - black, brittle (Room 30)	1.3
100397- 757	060997 - 01 - 239 - 01	2' x 2' ACT small & large holes w/ ridges and peaks (Room 30)	0.0
100397- 758	060997 - 01 - 241 - 01	3" OD PI - Rolled paper (off-white) with raised slots and white on black outer layer (Room 30)	11.3
100397- 759	060997 - 01 - 200 - 01	Baseboard mastic - white and smooth on beige baseboard (Room 23)	0.0
100397- 760	060997 - 01 - 243 - 01	12" x 12" FT Clay red, no pattern or ridges (Room 23)	0.0
100397- 761	060997 - 01 - 243M - 01	Black mastic for 243-01 (Room 23)	3.9
100397- 762	060997 - 01 - 105 - 01	2' x 4' ACT - small rice krispies + pin holes (Room 21)	0.0
100397- 763	060997 - 01 - 158 - 01	Baseboard mastic on black baseboard - tan and flexible (Room 21)	0.0
100397- 764	060997 - 01 - 193 - 01	Ceiling plaster & lathe (Room 21)	0.0
100397- 765	060997 - 01 - 194 - 01	Yellow dry & powdery carpet mastic (Room 19)	0.0
100397- 766	060997 - 01 - 223 - RM28	Carmel brittle carpet mastic of foam on nailed down carpet (Room 28)	0.0
100397- 767	060997 - 01 - 18 - 01	Paper /Aircell PI, 4" OD (Room 17)	13.9
100397- 768	060997 - 01 - 223 - RM27	Yellow brittle carpet mastic (Room 27)	0.0
100397- 769	060997 - 01 - 16 - RM26	Yellow tan mastic for corner guards: 2 - 4½ft each (Room 26)	0.0
100397- 770	060997 - 01 - 115 - 01	2' x 4' ACT - smooth plain white (Room 26 - kitchen)	0.0
100397- 771	060997 - 01 - 193 - 02	Ceiling plaster & lathe (Room 22)	0.0
100397- 772	060997 - 01 - 194 - 02	Beige dry & powdery carpet mastic (Room 13)	0.0
100397- 773	060997 - 01 - 128 - 01B	leveling compound - white (HVAC unit room)	0.0
100397- 774	060997 - 01 - 143 - 01	9" x 9" FT mint green w/ white + dark green streaks (HVAC unit room)	0.0
100397- 775	060997 - 01 - 143M - 01	Black mastic for 143-01 (HVAC unit room)	0.0
100397- 776	060997 - 01 - 244 - 01	Unknown size, unknown texture FT (HVAC unit room)	0.0
100397- 777	060997 - 01 - 244M - 02	Dark brown brittle adhesive for 244-02 (Room 11)	0.0
100397- 778	060997 - 01 - 244 - 02	Unknown size, unknown texture FT: Black tile with black & white layers along profile (Room 11)	0.0
100397- 779	060997 - 01 - 200 - RM11	Baseboard mastic on Light Grey Baseboard - white and smooth (Room 11)	0.0
100397- 780	060997 - 01 - 57 - Proj	Yellow gummy carpet mastic (Room 16 - Projector rooms)	0.0
100397- 781	060997 - 01 - 234 - Aud	Carpet mastic: brown and gummy (Room 16 - Auditorium)	0.0
100397- 782	060997 - 01 - 112 - 01	unknown tile under carpet: 12X12 White w/ unknown pattern (Room 18)	0.0
100397- 783	060997 - 01 - 112M - 01	Light yellow brittle adhesive for 112-01 (Room 18)	0.0
100397- 784	060997 - 01 - 194 - RM18	Yellow dry & powdery carpet mastic (Room 18)	0.0
100397- 785	060997 - 01 - 239 - 02	2' x 2' ACT small & large holes w/ ridges and peaks - coated brown (Room 16)	0.0
100397- 786	060997 - 01 - 196 - M2	Grout between wall ceramic tiles: white (Men's room)	0.0
100397- 787	060997 - 01 - 196 - M2B	Grout between floor ceramic tiles: grey (Men's room)	0.0
100397- 788	060997 - 01 - 223 - RM11	Yellow brittle carpet mastic (Room 11)	0.0
100397- 789	060997 - 01 - 239 - 03	2' x 2' ACT small & large holes w/ ridges and peaks: US Gypsum w/ aluminum backing (room 18)	0.0
100397- 790	061097 - 01 - 245 - 01	12" x 12" FT Money green w/ white streaks (closet)	0.0
100397- 791	061097 - 01 - 245M - 01	Black gummy mastic for 245-01 (closet)	0.0
100397- 792	061097 - 01 - 79 - RM20	12" x 12" FT - beige w/brown streaks + blotches under carpet (Room 20)	<1.0
100397- 793	061097 - 01 - 79M - RM20	Brown brittle adhesive for 79-RM20	0.0
100397- 794	061097 - 01 - 97 - 01	2' x 4' ACT - non-linear holes - bumpy surface: dimensions cut to fit -8 sq. ft (Room 20)	0.0



**TABLE 3.1.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 1**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 795	061097 - 01 - 158 - RM10	Baseboard mastic - yellow brittle on white baseboard in closet (Room 10)	0.0
100397- 796	061097 - 01 - 57 - RM8	Reddish yellow gummy carpet mastic on top of #143 (Room 8)	0.0
100397- 797	061097 - 01 - 234 - RM10	Carpet mastic: brown and gummy (Room 10)	0.0
100397- 798	061097 - 01 - 143 - RM10	9" x 9" FT mint green w/ white + dark green streaks	0.0
100397- 799	061097 - 01 - 143M - RM10	Black brittle mastic for 143-RM10	0.0
100397- 800	061097 - 01 - 196 - 5AD	Grout between wall ceramic tiles: white (Room 6 - rest room)	0.0
100397- 801	061097 - 01 - 196 - 6AD	Grout between floor ceramic tiles: grey (Room 6 - rest room)	0.0
100397- 802	061097 - 01 - 123 - AD	Dark brown adhesive under rubber flooring (staircase)	0.0
100397- 803	061097 - 01 - 246 - AD	Black brittle carpet mastic (Room 4)	4.2
100397- 804	061097 - 01 - 232 - RM7	Linoleum Flooring - Black with off white lava spills (Room 7)	0.0
100397- 805	061097 - 01 - 232TP - RM7	Tar paper for 232-RM7 (Room 7)	0.0
100397- 806	061097 - 01 - 232M - RM7	Brown brittle mastic for 232-RM7 (Room 7)	0.0
100397- 807	061097 - 01 - 57 - RM7	Yellow gummy carpet adhesive under the bottom-most carpet: Black mastic mixed in (Room 7)	0.0
100397- 808	061097 - 01 - 244 - AD	9x9 - Dark brown unknown texture FT (Room 6)	21.3
100397- 809	061097 - 01 - 244M - AD	Black brittle mastic for 244-AD (Room 6)	11.8
100397- 810	061097 - 01 - 57 - AD	Yellow gummy carpet mastic mixed with some black mastic (hallway carpet by elevator)	0.0
100397- 811	061097 - 01 - 196 - AD	Grout between wall ceramic tiles: white (Men's room by elevator)	0.0
100397- 812	061097 - 01 - 128 - 2AD	leveling compound: white (Room 3)	0.0
100397- 813	061097 - 01 - 235 - AD	Carpet mastic: tan and brittle (closet by stairs closest to elevator)	0.0
100397- 814	061097 - 01 - 196 - 2AD	Grout between floor ceramic tiles: grey (Men's room by elevator)	0.0
100397- 815	061097 - 01 - 128 - AD	leveling compound: white (Room 2)	0.0
100397- 816	061097 - 01 - 167 - AD	carpet mastic - lime green, opaque, and brittle/mixed with black mastic from previous flooring (Room 2)	0.0
100397- 817	061097 - 01 - 196 - 4AD	Grout between wall ceramic tiles: white (bathroom in room 4)	0.0
100397- 818	061097 - 01 - 196 - 3AD	Grout between floor ceramic tiles: grey (bathroom in room 4)	0.0
100397- 819	061097 - 01 - 196 - CC2	Grout between floor ceramic tiles: grey (Men's room in career center)	0.0
100397- 820	061097 - 01 - 196 - CC1	Grout between wall ceramic tiles: white (Men's room in career center)	0.0
100397- 821	061097 - 01 - 235 - CC1	Door hallway carpet mastic - some exposed: brown and brittle (career center)	0.0
100397- 822	061097 - 01 - 223 - CC	Tan brittle carpet mastic from conference room (career center)	0.0
100397- 823	061097 - 01 - 56 - CC	Wall plaster: both layers - material underneath is unknown (career center)	0.0
100397- 824	061097 - 01 - 141 - CC	Window caulking (Career center)	0.0
100397- 825	061097 - 01 - 53 - 01	White fabric vibration joint (Career Center)	52.9
100397- 826	061097 - 01 - 57 - C	Yellow gummy carpet mastic on plywood (Career Center)	0.0
100397- 827	061097 - 01 - 73 - A	Baseboard Mastic - tan, brittle on 4" black baseboard (Career Center)	0.0
100397- 828	061097 - 01 - 73 - B	Chocolate mastic from 4" Brown Baseboard (Career Center)	0.0
100397- 829	061097 - 01 - 17M - A	Brown mastic from #17 [1x1 cellulose CT] (Career Center)	8.2
100397- 830	061197 - 01 - 34 - AD	5" OD PI - rolled paper wrap: 1 white layer around brown layers, 2 brown layers included (end of hallway near elevator)	23.5
100397- 831	061197 - 01 - 236 - RM3	1' x 1' ACT cracks & pin holes: painted black (Room 3)	0.0
100397- 832	061197 - 01 - 236M - RM3	Dark brown mastic for 236-RM3	0.0
100397- 833	061197 - 01 - 247 - 01	HVAC covering: interlaced fibers into tar layer (closed in outdoor area next to manhole)	0.0
100397- 834	061197 - 01 - 248 - 01	2' x 2' ACT - weathered limestone (Executive Entrance)	0.0

**TABLE 3.1.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 1**


Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 835	061197 - 01 - 244 - RM11	9x9 Black tile with unknown pattern and white embedded layer in profile (Room 11)	0.0
100397- 836	061197 - 01 - 244TP - RM11	Tar paper for 244-RM11 (Room 11)	0.0
100397- 837	061197 - 01 - 246 - 01	Black carpet mastic for tiled carpet on cement (Room 3)	0.0
100397- 838	061197 - 01 - 236M - RM4	Brown mastic with olive inner layer (Room 4)	0.0
100397- 839	061197 - 01 - 223 - EE	Yellow flexible carpet mastic (Executive Entrance)	0.0
100397- 840	061197 - 01 - 19 - ExcEnt	Black mastic under yellow carpet mastic (Executive Entrance)	0.0
100397- 841	061197 - 01 - 152 - EE	Carpet backing: pinkish brown carpet (Executive Entrance)	0.0
100397- 842	061197 - 01 - 195 - RM3	Adhesive under ceramic tiles: beige	0.0
100397- 843	061197 - 01 - 236 - RM4	1' x 1' ACT cracks & pin holes: uppermost ceiling (Room 4)	0.0
100397- 844	061197 - 01 - 196 - RM3B	Grout between ceramic tiles: floor (Room 3)	0.0
100397- 845	061197 - 01 - 196 - RM3	Grout between ceramic tiles: wall (Room 3)	0.0
100397- 846	061197 - 01 - 250 - 01	Aircell layered over HVAC system (above 3rd floor)	39.4
100397- 847	061197 - 01 - 249 - U8	Grey carpet mastic: thin layer on 9x9 brown (Sample Loc. 118)	0.0
100397- 848	061197 - 01 - 223 - 111	Yellow brittle carpet mastic: caramel and yellow gummy mixed (Loc. 111 - hallway between Furnace room and Room 9)	0.0
100397- 849	061197 - 01 - 46 - 116	Black mastic - FT Previously removed (Loc. 116 - Furnace room)	0.0
100397- 850	061197 - 01 - 46 - 117	Black mastic - FT Previously removed (Loc. 117 - under yellow translucent carpet adhesive)	0.0
100397- 851	061197 - 01 - 223 - 120	Yellow flexible carpet mastic (Loc. 120 - Room 2)	0.0
100397- 852	061197 - 01 - 252 - 104	9" x 9" FT Clay w/ white streaks (Loc. 104 - FT over 251) [C-3]	2.9
100397- 853	061197 - 01 - 252M - 106	Black brittle mastic for #252 (Loc. 106) [C-3]	1.4
100397- 854	061197 - 01 - 251 - 102	9" x 9" Brown floor tile (Loc. 102, Room 11 - Conference Room) [C-5]	0.0
100397- 855	061197 - 01 - 251M - 102	Black brittle mastic for 251-102 (Loc. 101, Room 11 - Conf. Room) [C-5]	0.0
100397- 856	061197 - 01 - 251M - 107	Black brittle mastic for #251 (Loc. 107) [C-3]	<1.0
100397- 857	061197 - 01 - 222 - 105	Flexible beige opaque baseboard mastic from grey baseboard (Loc. 105)	0.0
100397- 858	061197 - 01 - 57 - 103	Yellow gummy carpet mastic (Loc. 103)	0.0
100397- 859	061197 - 01 - 200 - 108	Baseboard mastic - beige and smooth on black baseboard (Loc. 108)	0.0
100397- 860	061197 - 01 - 128 - 110	white leveling compound (loc. 110 - Hallway from Rm. 110)	0.0
100397- 861	061197 - 01 - 223 - 115	Yellow flexible carpet mastic (Loc. 115 - Room 7)	0.0
100397- 862	061197 - 01 - 57 - 114	Yellow gummy carpet mastic (Loc. 114 - Room 8)	0.0
100397- 863	061197 - 01 - 223 - 109	Yellow flexible carpet mastic: Black mastic mixed in (Loc. 109 - Room 10)	0.0
100397- 864	061197 - 01 - 56 - 119	Wall plaster over concrete: white (Loc. 119 - Janitor's closet)	0.0
100397- 865	061197 - 01 - 196 - 113	Grout between ceramic wall tiles (Loc. 113 - Men's bathroom)	0.0
100397- 866	061197 - 01 - 196 - 112	Grout between ceramic floor tiles (Loc. 112 - Men's bathroom)	0.0
100397- 867	061397 - 01 - 244 - RA2	Unknown size: possibly 9x9, brown w/ white streaks [RA-10½S]	0.0
100397- 868	061197 - 01 - 57 - RA2	Yellow gummy carpet mastic [RA-10½S]	0.0
100397- 869	061397 - 01 - 244M - RA2	Black mastic under brown tile [RA-10½S]	0.0
100397- 870	061397 - 01 - 116 - RA2	12" x 12" FT - off-white w/ black + olive streaks [RA-10½S]	0.0
100397- 871	061397 - 01 - 116M - RA2	Yellow mastic for item # 116 [RA-10½S]	0.0
100397- 872	061397 - 01 - 223 - RA	Opaque Yellow flexible carpet adhesive [room 4348 - RA-12S]	0.0
100397- 873	061397 - 01 - 196 - RAMF	Grout between ceramic floor 1x1 tiles [RA-9½S]	0.0
100397- 874	061397 - 01 - 196 - RAMW	Grout between ceramic wall 1x1 tiles [RA-9½S]	0.0

**TABLE 3.1.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 1**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 875	061397 - 01 - 200 - RA	Beige adhesive for black baseboard [RA-4½S]	0.0
100397- 876	061397 - 01 - 253 - 01	1' x 1' ACT w/ very large cracks [C-7]	0.0
100397- 877	061197 - 01 - 253M - 01	Brown adhesive for item #253 [Room 11, C-4]	0.0
100397- 878	061397 - 01 - 218 - RM11	2' x 2' ACT: Sea coral pattern [Room 11, C-4]	0.0
100397- 879	061697 - 01 - 237 - Office	White window tint from our office in building 1	0.0
102397- 918	101397 - 01 - 123 - RA10½S	Mastic under rubber flooring - Black & gummy, 1st landing from third floor in stairwell	0.0
102397- 919	101397 - 01 - 200 - AEE	Baseboard mastic - beige and smooth in closet/walkthrough on 1st Fl	0.0
102397- 920	101397 - 01 - 272 - CWM	Thin FT with wood look-alike sticker - maintenance closet on 1st Fl	0.0
102397- 921	101397 - 01 - 128 - 20/22	leveling compound (white) - mixed with green (opaque) carpet mastic in stairwell between rooms 20 & 22	0.0
102397- 922	101397 - 01 - 26 - RA10½S	2' x 4' acoustical CT, large cracks - older large cracks on third floor/stairwell	0.0
102397- 923	101397 - 01 - 16 - Rm6	Baseboard Mastic, Tan, gummy - on 4" black baseboard on 3rd floor	0.0
102397- 924	101397 - 01 - 56 - A10S	Wall plaster over concrete - Stairwell entrance on 1st floor	0.0
102397- 925	101397 - 01 - 271 - A10S	1' x 1' ACT mixed holes + cracks - above 1st landing from 1st floor/stairwell	0.0
102397- 926	101397 - 01 - 123 - A2.5S	Mastic under rubber flooring - Dark brown & brittle, 1st landing from 1st floor in stairwell	0.0
102397- 927	102197 - 01 - 56 - C6	Wall plaster over concrete - 3rd floor/stairwell	0.0
120497- 1097	120497 - 01 - 26 - 01	2'x4' ACT, grey cellulose	0.0
120497- 1098	120497 - 01 - 159 - F2	2'x4' ACT with 8 11" x 11" squares, grey cellulose interior	0.0
120497- 1099	120497 - 01 - 128 - RA1	White leveling compound - 3rd Fl	0.0
120497- 1100	120497 - 01 - 244 - RA1	Floor tile, Clay brown under carpet with white streaks, unknown size	6.5
120497- 1101	120497 - 01 - 253 - 01	1' x1' ACT with very large cracks, white mache	0.0
120497- 1102	120497 - 01 - 253M - 01	Brown mastic from 1' x 1' ACT	0.0
120497- 1103	120497 - 01 - 253 - 02	1' x1' ACT with very large cracks, white mache	0.0
120497- 1104	120497 - 01 - 253M - 02	Brown mastic from 1' x 1' ACT	0.0

Notes:

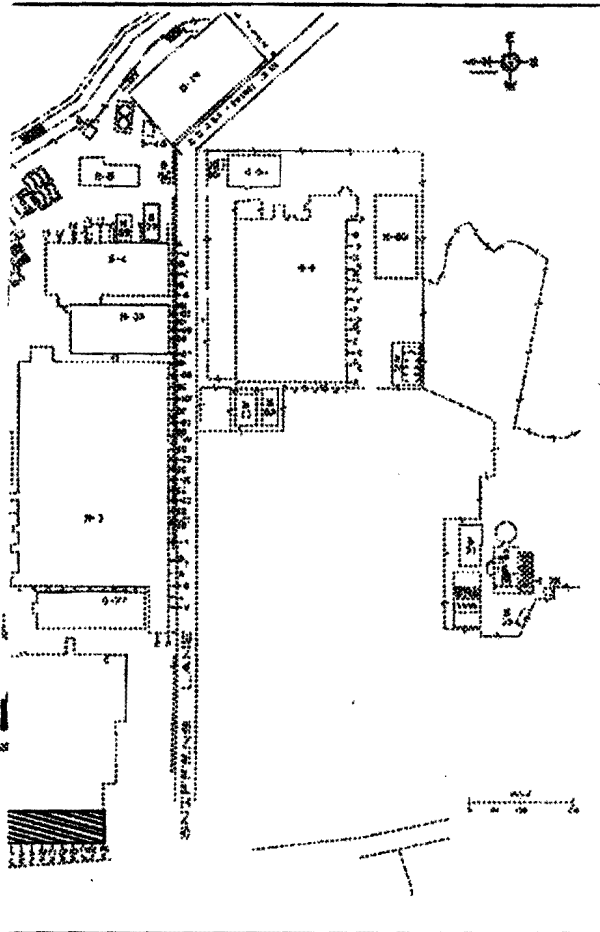
<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 1, FIRST FLOOR</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM PIRNIE</b>			<b>FIGURE</b> <b>3.1.1</b>
SCALE: AS NOTED		DATE: DEC. 1997	SHEET


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D

1"-12'

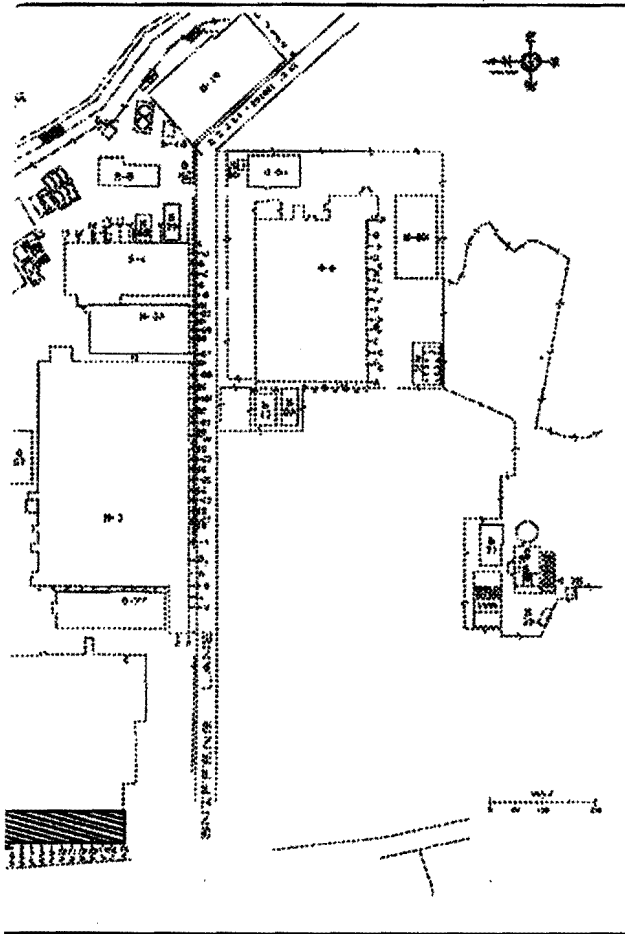


ON MAP


REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 1, SECOND FLOOR</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM PIRNIE</b>		<b>FIGURE</b> <b>3.1.2</b>	
<b>SCALE: AS NOTED</b>		<b>DATE: DEC. 1997</b>	<b>SHEET</b>

A

C  
A  
D  
D



LOCATION MAP

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 1, THIRD FLOOR</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM PIRNIE</b>		<b>FIGURE</b> <b>3.1.3</b>	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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### **3.2 BUILDING 2 - MANUFACTURING OPERATIONS AND STEAM PLANT**

Building 2 is a two-story 874,334 square foot building. The first and second floors consist of mainly open manufacturing space with some offices. Building 2 also contains about 18,000 square feet of elevated offices and 35,000 square feet of mezzanine (office) space. The building is constructed of concrete, steel, and wood floors, steel and concrete supports, and masonry, glass, and metal exterior walls. The built-up roofing material on the southern most portion of the building has been removed and the area has been re-roofed with a new rubberized membrane.

**TABLE 3.2.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 2**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

Item #	Material Description	Quantity	Units
1	Pipe insulation and fittings, magnesium block, 3-6" O.D.	465	LF
2	Magnesium block insulation on hot water tank	475	SF
5	Pipe fitting insulation, magnesium block, 2-6" O.D.	178	EA
7	Pipe fitting insulation, magnesium block, 18" O.D.	18	SF
11	Pipe insulation and fittings, magnesium block, 18" O.D.	9	LF
18	Pipe insulation and fittings, Aircell, 2-6" O.D.	4,170	LF
32	Transite wall board	13,678	SF
33	Pipe insulation and fittings, white rolled paper, 2-6" O.D.	361	LF
34	Pipe insulation and fittings, brown rolled paper, 2-6" O.D.	1,465	LF
41	Floor tiles, black w/ white streaks, 9" x 9"	312	SF
45	Floor tiles, dark gray w/ black & white streaks, 9" x 9"	2,415	SF
53	Vibration joint, inaccessible location - assumed positive	13	EA
56	Plaster walls & ceiling	4,900	SF
58	Floor tiles and associated mastic, tan w/brown & white streaks, 9" x 9"	327	SF
62	Floor tiles and associated mastic, beige w/ brown streaks, 9" x 9"	24,675	SF
69	Pipe insulation and fittings, eggcrate, 5" O.D.	60	LF
85	Floor tiles and associated mastic, miscellaneous 9" x 9" - assumed positive	994	SF
90	Pipe insulation and fittings, location inaccessible, assumed positive, 2-18" O.D.	15,058	LF
107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	19,118	SF
122	Floor tiles and associated mastic, light gray w/ black & white streaks, 9" x 9"	158	SF
129	Thin treatment on concrete stairway	93	SF
137	Pipe insulation and fittings, Aircell, 8" O.D.	10	LF
138	Pipe insulation and fittings, brown rolled paper, 7-8" O.D.	206	LF
140	Floor tiles and associated mastic, green w/ white streaks, 9" x 9" - assumed +	3	SF
143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	7,863	SF
164	Black indoor roofing paper	1,000	SF
165	Floor tiles, cream w/ large brown streaks, 9" x 9"	15,417	SF
168	Miscellaneous fitting insulation - assumed positive (inaccessible due to height)	1	EA
176	Floor tiles and associated mastic, beige w/ white + brown chunks, 12" x 12"	4,350	SF
178	Floor tiles and associated mastic, black w/ brown streaks, 12" x 12"	156	SF
180	Transite roof, ridged	100	SF
181	Floor tiles and associated mastic, tan w/ white blotches, 12" x 12" - assumed pos.	400	SF



**TABLE 3.2.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 2**

Item #	Material Description	Quantity	Units
184	Floor tiles and associated mastic, sea foam green w/ blotches, 12" x 12"	65	SF
185	Floor tiles and associated mastic, light green w/ unknown pattern , 9" x 9"	1,798	SF
188	Floor tiles, cream w/ linear brown streaks, 12" x 12"	14	SF
189	Tar coating over metal wall	250	SF
202	Transite electrical board	20	SF
210	Linoleum and associated mastic gray, brown, & white conglomerate pattern	645	SF
216	Gray troweled coating on steps	132	SF
244	Floor tiles and associated mastic, light green with unknown texture, unknown size	11,466	SF
256	Floor tiles and associated mastic, white w/ olive green streaks, 9" x 9" - assumed +	18	SF
258	Floor tiles and associated mastic, green w/ black & white streaks, 9" x 9"	180	SF
302	Debris, piece of aircell insulation	1	SF
307 <sup>A</sup>	All Floor tiles and associated mastic, multiple layers of floor tile present	1,592	SF
124*	Floor tiles and associated mastic, light green w/ white + olive chips, 12" x 12"	157	SF
150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	5,489	SF
255*	Floor tiles and associated mastic, white w/ black and gray small short streaks, 9" x 9"	2,654	SF
262**	Floor tiles and associated mastic, dull gray with white and black small specks, 9" x 9"	688	SF
263**	Floor tiles and associated mastic, yellow & gray heterogeneous horizontal mix, 9" x 9"	688	SF
79*	Floor tiles and associated mastic, beige w/brown streaks + blotches, 12" x 12"	1,223	SF
92*	Floor tiles and associated mastic, sky blue w/ small white streaks, 12" x 12"	20	SF
Flash	Roof flashing left on the balcony of the work area	1,080	SF
FD	Fire Doors	500	EA
Roof	Roofing Material - both exterior and interior	710,200	SF
WC	Window Caulking	20,000	LF

**TABLE 3.2.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 2**

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
13	Floor tiles and associated mastic, tan w/ tan & white chips, 12" x 12"	2,784	SF
82	Floor tiles and associated mastic, gray w/ white + gray small streaks, 12" x 12"	338	SF
86	Floor tiles and associated mastic, tan w/ white + black streaks, 12" x 12"	488	SF
103	Floor tiles and associated mastic, peach w/ small brown streaks, 12" x 12"	364	SF
109	Floor tiles and associated mastic, light gray w/ gray + white chips, 12" x 12"	1,250	SF
124	Floor tiles and associated mastic, light green w/ white + olive chips, 12" x 12"	3,126	SF
132	Floor tiles and associated mastic, pink w/ burgundy & white chips, 12" x 12"	528	SF
160	Floor tiles and associated mastic, cream w/ brown + gray chips, 12" x 12"	2,244	SF
161	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	4,518	SF
163	Floor tiles and associated mastic, periwinkle blue w/ blue + white chips, 12" x 12"	817	SF
169	Floor tiles and associated mastic, red/brown w/ large white streaks, 9" x 9"	80	SF
170	Floor tiles and associated mastic, bright red w/ large white streaks, 9" x 9"	300	SF
171	Floor tiles and associated mastic, white w/ gray flecks, 12" x 12"	3,155	SF
172	Floor tiles and associated mastic, dark + light gray streaked, 12" x 12"	150	SF
173	Floor tiles and associated mastic, light brown w/ large white streaks, 12" x 12"	1,322	SF
175	Floor tiles and associated mastic, beige w/ brick red + white large streaks, 12" x 12"	6,244	SF
183	Floor tiles and associated mastic, light blue -green w/ white and dark green streaks, 9" x 9"	194	SF
197	Floor tiles and associated mastic, slate blue w/ dark blue & white flecks, 12" x 12"	9,337	SF
208	Black troweled coating on steps	66	SF
219	Floor tiles and associated mastic, brown clay with red, white & brown flecks, 12" x 12"	332	SF
220	Floor tiles and associated mastic, pinkish with tan and white small short streaks, 12" x 12"	293	SF
257	Floor tiles and associated mastic, white w/ small black streaks, 9" x 9"	2,458	SF
261	Floor tiles and associated mastic, pink with white , burgundy, orange flecks, 12" x 12"	2,282	SF
267	Floor tiles and associated mastic, red w/ white long streaks, 9" x 9"	300	SF
143M	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	3,750	SF
165M	Floor tile mastic, under cream w/ large brown streaks, 9" x 9"	15,417	SF
188M	Floor tile mastic, under cream w/ linear brown streaks, 12" x 12"	14	SF
244M	Floor tile mastic, under tile that appears as dark gray with b+w blotches, 9" x 9"	4,366	SF
41M	Floor tile mastic, under black w/ white streaks, 9" x 9"	312	SF
45M	Floor tile mastic, under dark gray w/ black & white streaks, 9" x 9"	2,415	SF

Key:

**TABLE 3.2.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 2**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

(A) Multiple layers floor tile have been found in the specified area. Since one or more layers of floor tile or mastic were determined to be positive by PLM, the entire effected floor area has been included as ACM.

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

\*\* PLM results for floor tiles were negative. Since insufficient mastic was present for sampling, both the tile and the mastic have been included as ACM.

**TABLE 3.2.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 2**

Bld/Flr	Area #	Area Description	Item #	Material Description	Quantity	Units
2	S03	Stairwell	18	Pipe insulation and fittings, Aircell, 3-6" O.D.	35	LF
2	S05	Stairwell	1	Pipe insulation and fittings, magnesium block, 5" O.D.	15	LF
2/1	103	Offices	5	Pipe fitting insulation, magnesium block, 2-4" O.D.	3	EA
2/1	103	Offices	34	Pipe insulation and fittings, brown rolled paper, 2-4" O.D.	5	LF
2/1	104	Offices	34	Pipe insulation and fittings, brown rolled paper, 2-6" O.D.	153	LF
2/1	105	Work Area	18	Pipe insulation and fittings, Aircell, 4" O.D.	3,250	LF
2/1	105	Work Area	137	Pipe insulation and fittings, Aircell, 8" O.D.	10	LF
2/1	105	Work Area	34	Pipe insulation and fittings, brown rolled paper, 4" O.D.	325	LF
2/1	105	Work Area	1	Pipe insulation and fittings, magnesium block, 6" O.D.	250	LF
2/1	106	Work Area	244	Floor tiles, unknown texture, 9" x 9"	2,667	SF
2/1	106	Work Area	5	Pipe fitting insulation, magnesium block, 2" O.D.	18	EA
2/1	106	Work Area	90	Pipe insulation and fittings, location inaccessible, 14" O.D. - assumed positive	500	LF
2/1	106	Work Area	90	Pipe insulation and fittings, location inaccessible, 2-6" O.D. - assumed positive	1,074	LF
2/1	106	Work Area	90	Pipe insulation and fittings, location inaccessible, 8-10" O.D. - assumed positive	215	LF
2/1	106	Work Area	Roof	Residual roofing material on the balcony of the work area	200	SF
2/1	106	Work Area	Flash	Roof flashing left on the balcony of the work area	1,080	SF
2/1	107	Work Area	176	Floor tiles and associated mastic, beige w/ white + brown chunks, 12" x 12"	625	SF
2/1	107	Work Area	90	Pipe insulation and fittings, location inaccessible, 16" O.D. - assumed positive	48	LF
2/1	107	Work Area	90	Pipe insulation and fittings, location inaccessible, 6" O.D. - assumed positive	45	LF
2/1	107	Work Area	90	Pipe insulation and fittings, location inaccessible, 8" O.D. - assumed positive	120	LF
2/1	109	Work Area	90	Pipe insulation and fittings, location inaccessible, 4" O.D. - assumed positive	47	LF
2/1	111	Work Area	90	Pipe insulation and fittings, location inaccessible, 3" O.D. - assumed positive	63	LF
2/1	112	Work Offices	143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	281	SF
2/1	112	Work Offices	202	Transite electrical board	20	SF
2/1	112	Work Offices	32	Transite wall board	238	SF
2/1	113	Work Offices	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	705	SF
2/1	113	Work Offices	5	Pipe fitting insulation, magnesium block, 2" O.D.	1	EA
2/1	113	Work Offices	11	Pipe insulation and fittings, magnesium block, 18" O.D.	9	LF
2/1	113	Work Offices	1	Pipe insulation and fittings, magnesium block, 3" O.D.	3	LF
2/1	113	Work Offices	56	Plaster walls & ceiling	4,900	SF
2/1	115	Work Area	90	Pipe insulation and fittings, location inaccessible, 4-5" O.D. - assumed positive	73	LF
2/1	115	Work Area	1	Pipe insulation and fittings, magnesium block, 3" O.D.	40	LF
2/1	116	Work Offices	124*	Floor tiles and associated mastic, light green w/ white + olive chips, 12" x 12"	157	SF

**TABLE 3.2.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 2**

Bid/Flr	Area #	Area Description	Item #	Material Description	Quantity	Units
2/1	116	Work Offices	5	Pipe fitting insulation, magnesium block, 2" O.D.	16	EA
2/1	117	Offices/Security	58	Floor tiles and associated mastic, tan w/brown & white streaks, 9" x 9"	300	SF
2/1	117	Offices/Security	18	Pipe insulation and fittings, Aircell, 6" O.D.	76	LF
2/1	117	Offices/Security	34	Pipe insulation and fittings, brown rolled paper, 4-6" O.D.	47	LF
2/1	118	Offices/Storage	244*	Floor tiles and associated mastic, appears as off-white with streaks, 12" x 12"	2,100	SF
2/1	118	Offices/Storage	258	Floor tiles and associated mastic, green w/ black & white streaks, 9" x 9"	180	SF
2/1	118	Offices/Storage	244	Floor tiles, appears as dark gray with b+w blotches, 9" x 9"	1,700	SF
2/1	118	Offices/Storage	5	Pipe fitting insulation, magnesium block, 2.5" O.D.	5	EA
2/1	118	Offices/Storage	5	Pipe fitting insulation, magnesium block, 2.5" O.D.	7	EA
2/1	118	Offices/Storage	18	Pipe insulation and fittings, Aircell, 3-6" O.D.	100	LF
2/1	118	Offices/Storage	34	Pipe insulation and fittings, brown rolled paper, 3" O.D.	30	LF
2/1	125		178	Floor tiles and associated mastic, black w/ brown streaks, 12" x 12"	156	SF
2/1	129	Work Area	188	Floor tiles, cream w/ linear brown streaks, 12" x 12"	14	SF
2/1	129	Work Area	18	Pipe insulation and fittings, Aircell, 3-6" O.D.	37	LF
2/1	130	Bathroom	18	Pipe insulation and fittings, Aircell, 2" O.D.	20	LF
2/1	131	Boiler Room	122	Floor tiles and associated mastic, light gray w/ black & white streaks, 9" x 9"	158	SF
2/1	132	Open work area	90	Pipe fittings on fiberglass lines, location inaccessible, 2-6" O.D. - assumed positive	8	EA
2/1	132	Open work area	18	Pipe insulation and fittings, Aircell, 2" O.D.	108	LF
2/1	132	Open work area	90	Pipe insulation and fittings, location inaccessible, 18" O.D. - assumed positive	363	LF
2/1	132	Open work area	90	Pipe insulation and fittings, location inaccessible, 2-6" O.D. - assumed positive	5,352	LF
2/1	132	Open work area	90	Pipe insulation and fittings, location inaccessible, 7-8" O.D. - assumed positive	1,476	LF
2/1	132	Open work area	189	Tar coating over metal wall	250	SF
2/1	133	Office/Storage	262**	Floor tiles and associated mastic, dull gray w/ white+black small specks, 9" x 9"	688	SF
2/1	133	Office/Storage	255*	Floor tiles and associated mastic, white w/ black & gray small short streaks, 9" x 9"	2,654	SF
2/1	133	Office/Storage	263**	Floor tiles and associated mastic, yellow & gray heterogeneous horizontal mix, 9" x 9"	688	SF
2/1	133	Office/Storage	5	Pipe fitting insulation, magnesium block, 2-3" O.D.	49	EA
2/1	133	Office/Storage	18	Pipe insulation and fittings, Aircell, 4" O.D.	127	LF
2/1	133	Office/Storage	34	Pipe insulation and fittings, brown rolled paper, 3" O.D.	192	LF
2/1	133	Office/Storage	1	Pipe insulation and fittings, magnesium block, 4" O.D.	27	LF
2/1	134	Executive Offices	18	Pipe insulation and fittings, Aircell, 2-3" O.D.	65	LF
2/1	134	Executive Offices	34	Pipe insulation and fittings, brown rolled paper, 4" O.D.	45	LF
2/1	135	Work Offices	176	Floor tiles and associated mastic, beige w/ white + brown chunks, 12" x 12"	1,133	SF
2/1	135	Work Offices	18	Pipe insulation and fittings, Aircell, 4" O.D.	12	LF
2/1	136	Office Area	185	Floor tiles and associated mastic, light green with unknown pattern, 9" x 9"	1,120	SF

**TABLE 3.2.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 2**

Bid/Fir	Area #	Area Description	Item #	Material Description	Quantity	Units
2/1	136	Office Area	18	Pipe insulation and fittings, Aircell, 2-6" O.D.	20	LF
2/1	137	Nurse's Area	140	Floor tiles and associated mastic, green w/ white streaks, 9" x 9" - assumed +	3	SF
2/1	137	Nurse's Area	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	250	SF
2/1	137	Nurse's Area	58	Floor tiles and associated mastic, tan w/brown & white streaks, 9" x 9"	27	SF
2/1	137	Nurse's Area	256	Floor tiles and associated mastic, white w/ olive green streaks, 9" x 9" - assumed +	18	SF
2/1	137	Nurse's Area	41	Floor tiles, black w/ white streaks, 9" x 9"	40	SF
2/1	137	Nurse's Area	143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	4,114	SF
2/1	137	Nurse's Area	5	Pipe fitting insulation, magnesium block, 2-3" O.D.	20	EA
2/1	137	Nurse's Area	18	Pipe insulation and fittings, Aircell, 4" O.D.	50	LF
2/1	137	Nurse's Area	34	Pipe insulation and fittings, brown rolled paper, 2-6" O.D.	170	LF
2/1	138	Offices	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	88	SF
2/1	138	Offices	143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	2,533	SF
2/1	138	Offices	5	Pipe fitting insulation, magnesium block, 2" O.D.	14	EA
2/1	139	Hallway	7	Pipe fitting insulation, magnesium block, 18" O.D.	18	SF
2/1	139	Hallway	5	Pipe fitting insulation, magnesium block, 2-6" O.D.	14	EA
2/1	139	Hallway	18	Pipe insulation and fittings, Aircell, 4" O.D.	10	LF
2/1	139	Hallway	34	Pipe insulation and fittings, brown rolled paper, 2-6" O.D.	37	LF
2/1	139	Hallway	138	Pipe insulation and fittings, brown rolled paper, 7-8" O.D.	19	LF
2/1	140	Offices	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	488	SF
2/1	140	Offices	41	Floor tiles, black w/ white streaks, 9" x 9"	272	SF
2/1	140	Offices	45	Floor tiles, dark gray w/ black & white streaks, 9" x 9"	2,415	SF
2/1	140	Offices	34	Pipe insulation and fittings, brown rolled paper, 2-6" O.D.	160	LF
2/1	140	Offices	138	Pipe insulation and fittings, brown rolled paper, 7-8" O.D.	187	LF
2/1	140	Offices	1	Pipe insulation and fittings, magnesium block, 4" O.D.	6	LF
2/1	141	Open Work Area	90	Pipe insulation and fittings, location inaccessible, 18" O.D. - assumed positive	220	LF
2/1	141	Open Work Area	90	Pipe insulation and fittings, location inaccessible, 2-6" O.D. - assumed positive	4,100	LF
2/1	141	Open Work Area	90	Pipe insulation and fittings, location inaccessible, 7-8" O.D. - assumed positive	1,100	LF
2/1	141	Open Work Area	1	Pipe insulation and fittings, magnesium block, 4" O.D.	10	LF
2/1	142	Open Work Area	181	Floor tiles and associated mastic, tan w/ white blotches, 12" x 12" - assumed pos.	400	SF
2/1	142	Open Work Area	2	Magnesium block insulation on hot water tank	475	SF
2/1	142	Open Work Area	18	Pipe insulation and fittings, Aircell, 3-6" O.D.	95	LF
2/1	142	Open Work Area	69	Pipe insulation and fittings, eggcrate, 5" O.D.	60	LF
2/1	142	Open Work Area	90	Pipe insulation and fittings, location inaccessible, 5-6" O.D. - assumed positive	220	LF
2/1	142	Open Work Area	90	Pipe insulation and fittings, location inaccessible, 9" O.D. - assumed positive	33	LF

**TABLE 3.2.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 2**

Bld/Flr	Area #	Area Description	Item #	Material Description	Quantity	Units
2/1	142	Open Work Area	53	Vibration joint, inaccessible location - assumed positive	3	EA
2/1	143	Repair Lab	185	Floor tiles and associated mastic, light green w/ unknown pattern , 9" x 9"	678	SF
2/1	143	Repair Lab	184	Floor tiles and associated mastic, sea foam green w/ blotches, 12" x 12"	65	SF
2/1	146	Control Room	210	Linoleum and associated mastic gray, brown, & white conglomerate pattern	645	SF
2/1	149	Storage	180	Transite roof, ridged	100	SF
2/1-Elev	E02	levated bathroom	216	Gray troweled coating on steps	66	SF
2/1-Elev	E03	Elevated office	176	Floor tiles and associated mastic, beige w/ white + brown chunks, 12" x 12"	1,133	SF
2/1-Elev	E04	Elevated office	176	Floor tiles and associated mastic, beige w/ white + brown chunks, 12" x 12"	1,134	SF
2/1-Elev	E05	levated bathroom	216	Gray troweled coating on steps	66	SF
2/1-Elev	E10	levated bathroom	18	Pipe insulation and fittings, Aircell, 4" O.D.	27	LF
2/1-Elev	E10	levated bathroom	34	Pipe insulation and fittings, brown rolled paper, 2-5" O.D.	40	LF
2/1-Elev	E10	levated bathroom	129	Thin treatment on concrete stairway	93	SF
2/1-Elev	E11	Elevated office	33	Pipe insulation and fittings, white rolled paper, 3-6" O.D.	60	LF
2/1-Elev	E12	Elevated office	176	Floor tiles and associated mastic, beige w/ white + brown chunks, 12" x 12"	325	SF
2/1-Elev	E14	Elevated office	5	Pipe fitting insulation, magnesium block, 2-6" O.D.	6	EA
2/1-Elev	E14	Elevated office	33	Pipe insulation and fittings, white rolled paper, 4" O.D.	71	LF
2/1-Elev	E14	Elevated office	53	White fabric vibration joint - assumed positive	10	EA
2/Mezz	M01	Office Area	244	Floor tiles and associated mastic, light green with unknown texture, unknown size	5,000	SF
2/Mezz	M01	Office Area	33	Pipe insulation and fittings, white rolled paper, 2-5" O.D.	230	LF
2/2	201	Open work area	5	Pipe fitting insulation, magnesium block, 2-6" O.D.	8	EA
2/2	201	Open work area	18	Pipe insulation and fittings, Aircell, 3" O.D.	44	LF
2/2	201	Open work area	1	Pipe insulation and fittings, magnesium block, 3" O.D.	44	LF
2/2	202	376 Union Office	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	424	SF
2/2	203	Hallway	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	380	SF
2/2	203	Hallway	5	Pipe fitting insulation, magnesium block, 3" O.D.	3	EA
2/2	203	Hallway	18	Pipe insulation and fittings, Aircell, 3" O.D.	47	LF
2/2	203	Hallway	1	Pipe insulation and fittings, magnesium block, 3" O.D.	53	LF
2/2	204	Office	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	914	SF
2/2	205	HR Conf Rm	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	507	SF
2/2	206	Office	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	576	SF
2/2	207	Office	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	564	SF
2/2	207	Office	18	Pipe insulation and fittings, Aircell, 3" O.D.	18	LF
2/2	207	Office	1	Pipe insulation and fittings, magnesium block, 3" O.D.	17	LF
2/2	208	Office	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	246	SF

**TABLE 3.2.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 2**

Bld/Flr	Area #	Area Description	Item #	Material Description	Quantity	Units
2/2	209	Office	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	168	SF
2/2	211	Office	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	281	SF
2/2	212	Office	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	263	SF
2/2	213	Office	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	300	SF
2/2	214	Open Area/Hallway	150*	Floor tiles and associated mastic, black and dark brown chips, 12" x 12"	867	SF
2/2	215	Open Area/Hallway	79M	Floor tile mastic, under beige w/brown streaks + blotches, 12" x 12"	1,223	SF
2/2	215	Open Area/Hallway	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	7,609	SF
2/2	216	Storage Room	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	869	SF
2/2	217	Office	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	246	SF
2/2	218	Office	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	256	SF
2/2	219	Office	85	Floor tiles and associated mastic, miscellaneous 9" x 9" - assumed positive	200	SF
2/2	220	Office	85	Floor tiles and associated mastic, miscellaneous 9" x 9" - assumed positive	160	SF
2/2	221	Office	85	Floor tiles and associated mastic, miscellaneous 9" x 9" - assumed positive	255	SF
2/2	222	Office	85	Floor tiles and associated mastic, miscellaneous 9" x 9" - assumed positive	204	SF
2/2	223	Open Office Area	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	4,400	SF
2/2	224	Workbench Area	92*	Floor tiles and associated mastic, sky blue w/ small white streaks, 12" x 12"	20	SF
2/2	224	Workbench Area	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	2,470	SF
2/2	224	Workbench Area	85	Floor tiles and associated mastic, miscellaneous 9" x 9" - assumed positive	175	SF
2/2	225	Blueprint Records	307 <sup>A</sup>	All Floor tiles and associated mastic, #154 can be found on top of #107	735	SF
2/2	226	Comp Room	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	714	SF
2/2	227	Entire Office Area	62	Floor tiles and associated mastic, beige w/ brown streaks, 9" x 9"	23,149	SF
2/2	230	Operator's Office	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	376	SF
2/2	231	Office	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	345	SF
2/2	232	Office	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	164	SF
2/2	233	Office	307 <sup>A</sup>	All Floor tiles and associated mastic, #162 can be found on top of #107	250	SF
2/2	234	Office	307 <sup>A</sup>	All Floor tiles and associated mastic, #163 can be found on top of #107	265	SF
2/2	234	Office	164	Black indoor roofing paper	1,000	SF
2/2	235		165	Floor tiles, cream w/ large brown streaks, 9" x 9"	768	SF
2/2	236		165	Floor tiles, cream w/ large brown streaks, 9" x 9"	1,320	SF
2/2	237	Office Area	62	Floor tiles and associated mastic, beige w/ brown streaks, 9" x 9"	1,526	SF
2/2	238	Hallway	34	Pipe insulation and fittings, brown rolled paper, 2-5" O.D.	96	LF
2/2	239	Storage Crib	5	Pipe fitting insulation, magnesium block, 5" O.D.	3	EA
2/2	239	Storage Crib	18	Pipe insulation and fittings, Aircell, 3-5" O.D.	30	LF



**TABLE 3.2.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 2**

Bld/Flr	Area #	Area Description	Item #	Material Description	Quantity	Units
2/2	240	Office Area	165	Floor tiles, cream w/ large brown streaks, 9" x 9"	11,187	SF
2/2	241	Conf Room	165	Floor tiles, cream w/ large brown streaks, 9" x 9"	417	SF
2/2	241	Conf Room	34	Pipe insulation and fittings, brown rolled paper, 5" O.D.	16	LF
2/2	242	Office	165	Floor tiles, cream w/ large brown streaks, 9" x 9"	173	SF
2/2	242	Office	34	Pipe insulation and fittings, brown rolled paper, 5" O.D.	2	LF
2/2	244	Filing Room	34	Pipe insulation and fittings, brown rolled paper, 4" O.D.	20	LF
2/2	245	Storage Area	168	Miscellaneous fitting insulation - assumed positive (inaccessible due to height)	1	EA
2/2	245	Storage Area	34	Pipe insulation and fittings, brown rolled paper, 2-5" O.D.	120	LF
2/2	246	Training Room 3C	165	Floor tiles, cream w/ large brown streaks, 9" x 9"	384	SF
2/2	248	Storage Room	302	Debris, piece of aircell insulation	1	SF
2/2	248	Storage Room	5	Pipe fitting insulation, magnesium block, 5" O.D.	11	EA
2/2	249	Storage	143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9"	936	SF
2/2	250	Storage	34	Pipe insulation and fittings, brown rolled paper, 2" O.D.	8	LF
2/2	251	Office	165	Floor tiles, cream w/ large brown streaks, 9" x 9"	1,169	SF
2/2	254	Janitor's Closet	107	Floor tiles and associated mastic, mint green w/ white & dark green specks, 9" x 9"	140	SF
2/2	255	Eng Blueprint	307 <sup>A</sup>	All Floor tiles and associated mastic, #162 can be found on top of #107	171	SF
2/2	256	Document Staging	307 <sup>A</sup>	All Floor tiles and associated mastic, #162 can be found on top of #107	171	SF
2	---		Roof	Roofing Material	710,000	SF
2	---		FD	Fire Doors	500	EA
2	---		WC	Window caulking	20,000	LF
2/Roof	Roof	32	32	Transite wall board	13,440	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

(A) Multiple layers floor tile have been found in the specified area. Since one or more layers of floor tile or mastic were determined to be positive by PLM, the entire effected floor area has been included as ACM.

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

\*\* PLM results for floor tiles were negative. Since insufficient mastic was present for sampling, both the tile and the mastic have been included as ACM.

**TABLE 3.2.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 2**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
2	S01	169	Floor tiles and associated mastic, red/brown w/ large white streaks, 9" x 9"	50	SF
2	S01	170	Floor tiles and associated mastic, bright Red w/ large white streaks, 9" x 9"	140	SF
2	S02	169	Floor tiles and associated mastic, red/brown w/ large white streaks, 9" x 9"	30	SF
2	S02	170	Floor tiles and associated mastic, bright Red w/ large white streaks, 9" x 9"	160	SF
2	S03	267	Floor tiles and associated mastic, red w/ white long streaks, 9" x 9"	300	SF
2	S06	82	Floor tiles and associated mastic, gray w/ white + gray small streaks, 12" x 12"	26	SF
2/1	101	171	Floor tiles and associated mastic, white w/ gray flecks, 12" x 12"	1,470	SF
2/1	101	172	Floor tiles and associated mastic, dark + light gray streaked, 12" x 12"	150	SF
2/1	102	173	Floor tiles and associated mastic, light brown w/ large white streaks, 12" x 12"	1,322	SF
2/1	103	175	Floor tiles and associated mastic, beige w/ brick red + white large streaks, 12" x 12"	1,480	SF
2/1	104	175	Floor tiles and associated mastic, beige w/ brick red + white large streaks, 12" x 12"	1,524	SF
2/1	106	244M	Floor tile mastic, under tile of unknown texture, 9" x 9"	2,667	SF
2/1	110	109	Floor tiles and associated mastic, light gray w/ gray + white chips, 12" x 12"	800	SF
2/1	112	160	Floor tiles and associated mastic, cream w/ brown + gray chips, 12" x 12"	1,500	SF
2/1	112	143M	Floor tile mastic, mint green w/ white + dark green streaks, 9" x 9"	281	SF
2/1	113	163	Floor tiles and associated mastic, periwinkle blue w/ blue + white chips, 12" x 12"	709	SF
2/1	115	109	Floor tiles and associated mastic, light gray w/ gray + white chips, 12" x 12"	9	SF
2/1	116	82	Floor tiles and associated mastic, gray w/ white + gray small streaks, 12" x 12"	312	SF
2/1	116	103	Floor tiles and associated mastic, peach w/ small brown streaks, 12" x 12"	364	SF
2/1	116	219	Floor tiles and associated mastic, brown clay with red, white & brown flecks, 12" x 12"	332	SF
2/1	116	220	Floor tiles and associated mastic, pinkish with tan and white small short streaks, 12" x 12"	293	SF
2/1	118	244M	Floor tile mastic, under tile that appears as dark gray with b+w blotches, 9" x 9"	1,700	SF
2/1	121	124	Floor tiles and associated mastic, light green w/ white + olive chips, 12" x 12"	1,742	SF
2/1	122	86	Floor tiles and associated mastic, tan w/ white + black streaks, 12" x 12"	488	SF
2/1	122	132	Floor tiles and associated mastic, pink w/ burgundy & white chips, 12" x 12"	528	SF
2/1	129	161	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	844	SF
2/1	129	188M	Floor tile mastic, under cream w/ linear brown streaks, 12" x 12"	14	SF
2/1	131	109	Floor tiles and associated mastic, light gray w/ gray + white chips, 12" x 12"	150	SF
2/1	133	257	Floor tiles and associated mastic, white w/ small black streaks, 9" x 9"	2,458	SF
2/1	137	109	Floor tiles and associated mastic, light gray w/ gray + white chips, 12" x 12"	35	SF
2/1	137	41M	Floor tile mastic, under black w/ white streaks, 9" x 9"	40	SF
2/1	138	143M	Floor tile mastic, mint green w/ white + dark green streaks, 9" x 9"	2,533	SF
2/1	140	41M	Floor tile mastic, under black w/ white streaks, 9" x 9"	272	SF

**TABLE 3.2.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 2**

Bid/Fir	Area #	Item #	Material Description	Quantity	Units
2/1	140	45M	Floor tile mastic, under dark gray w/ black & white streaks, 9" x 9"	2,415	SF
2/1	142	13	Floor tiles and associated mastic, tan w/ tan & white chips, 12" x 12"	309	SF
2/1	142	163	Floor tiles and associated mastic, periwinkle blue w/ blue + white chips, 12" x 12"	108	SF
2/1	143	183	Floor tiles and associated mastic, light blue -green w/ white and dark green streaks, 9" x 9"	194	SF
2/1	148	261	Floor tiles and associated mastic, pink with white , burgundy, orange flecks, 12" x 12"	2,282	SF
2/1-Elev	E01	161	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	1,672	SF
2/1-Elev	E02	208	Black troweled coating on steps	66	SF
2/1-Elev	E09	161	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	528	SF
2/1-Elev	E11	13	Floor tiles and associated mastic, tan w/ tan & white chips, 12" x 12"	2,475	SF
2/1-Elev	E13	124	Floor tiles and associated mastic, light green w/ white + olive chips, 12" x 12"	861	SF
2/1-Elev	E14	197	Floor tiles and associated mastic, slate blue w/ dark blue & white flecks, 12" x 12"	9,337	SF
2/1-Elev	E15	124	Floor tiles and associated mastic, light green w/ white + olive chips, 12" x 12"	524	SF
2/1-Elev	E15	161	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	1,085	SF
2/1-Elev	E17	175	Floor tiles and associated mastic, beige w/ brick red + white large streaks, 12" x 12"	3,240	SF
2/1-Elev	E18	171	Floor tiles and associated mastic, white w/ gray flecks, 12" x 12"	1,685	SF
2/2	210	109	Floor tiles and associated mastic, light gray w/ gray + white chips, 12" x 12"	196	SF
2/2	224	109	Floor tiles and associated mastic, light gray w/ gray + white chips, 12" x 12"	60	SF
2/2	228	160	Floor tiles and associated mastic, cream w/ brown + gray chips, 12" x 12"	744	SF
2/2	228	161	Floor tiles and associated mastic, beige w/ white + brown small streaks, 12" x 12"	389	SF
2/2	235	165M	Floor tile mastic, under cream w/ large brown streaks, 9" x 9"	768	SF
2/2	236	165M	Floor tile mastic, under cream w/ large brown streaks, 9" x 9"	1,320	SF
2/2	240	165M	Floor tile mastic, under cream w/ large brown streaks, 9" x 9"	11,187	SF
2/2	241	165M	Floor tile mastic, under cream w/ large brown streaks, 9" x 9"	417	SF
2/2	242	165M	Floor tile mastic, under cream w/ large brown streaks, 9" x 9"	173	SF
2/2	246	165M	Floor tile mastic, under cream w/ large brown streaks, 9" x 9"	384	SF
2/2	249	143M	Floor tile mastic, mint green w/ white + dark green streaks, 9" x 9"	936	SF
2/2	251	165M	Floor tile mastic, under cream w/ large brown streaks, 9" x 9"	1,169	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 324	051697 - 02 - 150 - 01	12"x12" Floor tile, black and dark brown chips	<1.0
060297- 325	051697 - 02 - 150M - 01	Black mastic from 12"x12" Floor tile, black and dark brown chips	4.8
060297- 326	051697 - 02 - 16 - 01	Baseboard mastic, tan and gummy	0.0
060297- 327	051697 - 02 - 151 - 01	2'x4' ACT, swirly cracks (grey interior)	0.0
060297- 328	051697 - 02 - 57 - 01	Yellow gummy carpet mastic	0.0
060297- 329	051697 - 02 - 63 - 01	2'x4' ACT with 8 11"x11" squares	0.0
060297- 330	051697 - 02 - 150 - 02	12"x12" Floor tile, black and dark brown chips	0.0
060297- 331	051697 - 02 - 150M - 02	Black mastic from 12"x12" Floor tile, black and dark brown chips	1.5
060297- 332	051697 - 02 - 299 - 01	Pipe fitting insulation, 3" O.D. fiberglass insulated pipe	0.0
060297- 333	051697 - 02 - 26 - 01	2'x4' ACT, large cracks	0.0
060297- 334	051697 - 02 - 152 - 01	Black carpet backing from dark grey carpet	0.0
060297- 335	051697 - 02 - 79 - 01	12"x12" floor tile, beige with brown streaks and blotches	<1.0
060297- 336	051697 - 02 - 79M - 01	Mastic from 12"x12" floor tile, beige with brown streaks and blotches	2.5
060297- 337	051697 - 02 - 14 - 01	Sheetrock wall	0.0
060297- 338	051697 - 02 - 14 - 02	Sheetrock wall	0.0
060297- 339	051697 - 02 - 128 - 01	Leveling compound between floor tiles (white)	0.0
060297- 340	051697 - 02 - 107 - 01	9"x9" floor tile, mint green with white and dark green specks	<1.0
060297- 341	051697 - 02 - 107M - 01	Black mastic from 9"x9" floor tile, mint green with white and dark green specks	1.5
060297- 342	051697 - 02 - 109 - 01	12"x12" floor tile, light grey with grey and white chips	0.0
060297- 343	051697 - 02 - 109M - 01	Black mastic from 12"x12" floor tile, light grey with grey and white chips	<1.0
060297- 344	051697 - 02 - 26 - 02	2'x4' ACT, large cracks	0.0
060297- 346	052797 - 02 - 45 - 01	9"x9" Floor tile, dark grey with black and white streaks	11.4
060297- 347	052797 - 02 - 45M - 01	Black mastic from 9"x9" Floor tile, dark grey with black and white streaks	<1.0
060297- 348	052797 - 02 - 32 - 01	Transite wall board (from houses on roof)	3.2
060297- 349	052797 - 02 - 138 - 01	Pipe insulation, brown rolled paper and fittings, 7" O.D.	3.8
060297- 350	052797 - 02 - 41 - 01	9"x9" Floor tile, black with large white streaks	8.2
060297- 351	052797 - 02 - 41M - 01	Black mastic from 9"x9" Floor tile, black with large white streaks	0.0
060297- 352	052797 - 02 - 107 - 02	9"x9" Floor tile, mint green with white and dark green specks	2.2
060297- 353	052797 - 02 - 107M - 02	Black mastic from 9"x9" Floor tile, mint green with white and dark green specks	<1.0
060297- 354	052797 - 02 - 13 - 01	12"x12" Floor tile, tan with tan and white chips	0.0
060297- 355	052797 - 02 - 13M - 01	Black mastic from 12"x12" Floor tile, tan with tan and white chips	0.0
060297- 356	052797 - 02 - 60M - 01	Dark brown mastic from 1'x1' cellulose ACT with polka dots	0.0
060297- 357	052797 - 02 - 02 - 03	Non-fibrous mag insulation on large boiler (white and grey)	13.9
060297- 358	052797 - 02 - 01 - 01	Pipe insulation, mag block, 4" O.D.	14.2
060297- 359	052797 - 02 - 126 - 01	1'x1' ACT large linear cracks with pin holes	0.0
060297- 360	052797 - 02 - 14 - 04	Joint compound from sheetrock wall	0.0
060297- 361	052897 - 02 - 185 - 01	9"x9" Floor tile, light green, under carpet, pattern unknown	0.0

**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 362	052897 - 02 - 185M - 01	Black mastic from 9"x9" Floor tile, light green, under carpet, pattern unknown	0.0
060297- 363	052897 - 02 - 183 - 01	9"x9" Floor tile, light blue-green with light and dark streaks	<1.0
060297- 364	052897 - 02 - 183M - 01	Black mastic from 9"x9" Floor tile, light blue-green with light and dark streaks	0.0
060297- 365	052897 - 02 - 182 - 01	12"x12" floor tile, light yellow with white and brown blotches	4.7
060297- 366	052897 - 02 - 182M - 01	Black mastic from 12"x12" floor tile, light yellow with white and brown blotches	0.0
060297- 367	052897 - 02 - 184 - 01	12"x12" floor tile, sea foam green with small white and green blotches	5.7
060297- 368	052897 - 02 - 184M - 01	Black mastic from 12"x12" floor tile, sea foam green with small white and green blotches	3.7
060297- 369	052997 - 02 - 186 - 01	Light grey floor coating	0.0
060297- 370	052997 - 02 - 187 - 01	Yellowish grey floor coating	0.0
060297- 371	052997 - 02 - 187 - 02	Yellowish grey floor coating	0.0
060297- 372	052997 - 02 - 05 - 02	Pipe fitting insulation from 5" O.D. fiberglass insulated pipe (white)	50.3
060297- 373	052897 - 02 - 33 - 01	Pipe insulation, white rolled paper, 3" O.D.	54.7
060297- 374	052997 - 02 - 26 - 05	2'x4' ACT, large cracks	0.0
060297- 375	052997 - 02 - 179 - 04	Non-fibrous mag insulation on large boiler (white and grey)	0.0
060297- 376	052997 - 02 - 188 - 01	12"x12" floor tile, cream with linear brown streaks	2.0
060297- 377	052997 - 02 - 188M - 01	Black mastic from 12"x12" floor tile, cream with linear brown streaks	0.0
060297- 378	052997 - 02 - 161 - 02	12"x12" floor tile, white and brown small streaks	<1.0
060297- 379	052997 - 02 - 161M - 02	Black mastic from 12"x12" floor tile, white and brown small streaks	0.0
060297- 380	052997 - 02 - roof - 01	Built up roofing material from indoor roof of building 2	18.9
060297- 381	052997 - 02 - flash - 01	Flashing from indoor roof of building 2	2.3
060297- 382	052997 - 02 - 189 - 01	Black tar coating over metal wall	14.6
060297- 383	052997 - 02 - 12 - 02	2'x4' ACT, hippy holes	0.0
060297- 384	053097 - 02 - 01 - 02	Pipe insulation, 4" O.D. mag block	26.9
060297- 385	053097 - 02 - 163 - 02	12"x12" floor tile, periwinkle blue with blue and white chips	0.0
060297- 386	053097 - 02 - 163M - 02	Black mastic from 12"x12" floor tile, periwinkle blue with blue and white chips	0.0
060297- 387	053097 - 02 - 13 - 02	12"x12" floor tile, tan with tan and white chips	0.0
060297- 388	053097 - 02 - 13M - 02	12"x12" floor tile, tan with tan and white chips	0.0
060297- 389	053097 - 02 - 190 - 01	2'x2' ACT, large rice krispies with pin holes	0.0
060297- 390	053097 - 02 - 161 - 03	12"x12" floor tile, beige with white and brown small streaks	0.0
060297- 391	053097 - 02 - 161M - 03	Orange gummy mastic from 12"x12" floor tile, beige with white and brown small streaks	0.0
060297- 392	053097 - 02 - 174 - 02	2'x2' ACT, mixed hole	0.0
060297- 393	053097 - 02 - 92 - 01	12"x12" floor tile, sky blue with white streaks	0.0
060297- 394	053097 - 02 - 92M - 01	Black mastic from 12"x12" floor tile, sky blue with white streaks	2.3
060297- 395	053097 - 02 - 33 - 02	Pipe insulation, 3" O.D. white rolled paper	25.8
060297- 400	052197 - 02 - 73 - 01	Dark brown baseboard mastic	0.0
060297- 401	052197 - 02 - 165 - 02	9"x9" floor tile, cream with large brown streaks	1.6
060297- 402	052197 - 02 - 165M - 02	Black mastic from 9"x9" floor tile, cream with large brown streaks	0.0

**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 403	052197 - 02 - 170 - 01	9"x9" floor tile, bright red with large white streaks	<1.0
060297- 404	052197 - 02 - 170M - 01	Black mastic from 9"x9" floor tile, bright red with large white streaks	0.0
060297- 405	052197 - 02 - 169 - 01	9"x9" floor tile, red/brown with white streaks	0.0
060297- 406	052197 - 02 - 169M - 01	Black mastic from 9"x9" floor tile, red/brown with white streaks	0.0
060297- 407	052197 - 02 - 154 - 01	12"x12" floor tile, red with large white streaks	<1.0
060297- 408	051997 - 02 - 160 - 01	12"x12" floor tile, cream with brown and grey chips	0.0
060297- 409	051997 - 02 - 160M - 01	Black mastic from 12"x12" floor tile, cream with brown and grey chips	0.0
060297- 410	051997 - 02 - 164 - 01	Black indoor roofing paper	2.6
060297- 411	051997 - 02 - 161 - 01	12"x12" floor tile, beige with brown and white streaks	0.0
060297- 412	051997 - 02 - 161M - 01	Black mastic from 12"x12" floor tile, beige with brown and white streaks	0.0
060297- 413	051997 - 02 - 166 - 01	2'x2' ACT, white bumpy surface, random holes	0.0
060297- 414	051997 - 02 - 166 - 02	2'x2' ACT, white bumpy surface, random holes	0.0
060297- 415	051997 - 02 - 162 - 01	12"x12" floor tile, light grey with grey and white and brown chips	0.0
060297- 416	051997 - 02 - 162M - 01	Mastic from 12"x12" floor tile, light grey with grey and white and brown chips	0.0
060297- 417	051997 - 02 - 165 - 01	9"x9" floor tile, cream with large brown streaks	2.1
060297- 418	051997 - 02 - 165M - 01	Black mastic from 9"x9" floor tile, cream with large brown streaks	0.0
060297- 419	051997 - 02 - 163 - 01	12"x12" floor tile, periwinkle blue with blue and white chips	0.0
060297- 420	051997 - 02 - 163M - 01	Yellow mastic from 12"x12" floor tile, periwinkle blue with blue and white chips	0.0
060297- 421	051997 - 02 - 155 - 01	2'x4' ACT, swirly cracks, made from 2, 2x2 panels	0.0
060297- 422	051997 - 02 - 155 - 02	2'x4' ACT, swirly cracks, made from 2, 2x2 panels	0.0
060297- 423	051997 - 02 - 158 - 01	Baseboard mastic, yellow, brittle	0.0
060297- 424	051997 - 02 - 14 - 03	Sheetrock wall sample	0.0
060297- 425	051997 - 02 - 62 - 01	9"x9" floor tile, beige with brown streaks	0.0
060297- 426	051997 - 02 - 62 - 02	9"x9" floor tile, beige with brown streaks	0.0
060297- 427	051997 - 02 - 62M - 02	Black mastic from 9"x9" floor tile, beige with brown streaks	5.2
060297- 428	051997 - 02 - 62 - 03	9"x9" floor tile, beige with brown streaks	1.8
060297- 429	051997 - 02 - 62M - 03	Black mastic from 9"x9" floor tile, beige with brown streaks	2.3
060297- 430	051997 - 02 - 156 - 01	2'x2' ACT with logical 1/2" square pattern	0.0
060297- 431	051997 - 02 - 157 - 01	2'x2' ACT with 1/2" wide straight pattern	0.0
060297- 432	051997 - 02 - 159 - 01	2'x4' ACT with 8 11"x11" squares, bumpy surface with rice krispies	0.0
060297- 433	052197 - 02 - 34 - 01	Pipe insulation, 2-6" O.D., brown rolled paper	9.2
060297- 434	052197 - 02 - 34 - 02	Pipe insulation, 2-6" O.D., brown rolled paper	22.5
060297- 435	052197 - 02 - 26 - 03	2'x4' ACT, large cracks	0.0
060297- 436	052197 - 02 - 152 - 02	Black carpet backing from light grey carpet	0.0
060297- 437	052197 - 02 - 167 - 01	Carpet mastic, lime green, gummy	0.0
060297- 438	052197 - 02 - 63 - 02	2'x4' ACT with 8 11"x11" squares	0.0
060297- 439	052397 - 02 - 26 - 04	2'x4' ACT, large cracks	0.0

**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 440	052397 - 02 - 178 - 01	12"x12" floor tile, black with brown streaks	2.1
060297- 441	052397 - 02 - 178M - 01	Black mastic from 12"x12" floor tile, black with brown streaks	1.6
060297- 442	052297 - 02 - 128 - 02	Leveling compound (white) under carpet	0.0
060297- 443	052397 - 02 - 177 - 01	Vibration joint, black rubber with white threads inside	0.0
060297- 444	052397 - 02 - 122 - 01	9"x9" floor tile, light grey with black and white streaks (could not sample mastic)	2.3
060297- 445	052397 - 02 - 180 - 01	Transite roof, corrugated	47.7
060297- 446	052397 - 02 - 176 - 01	12"x12" floor tile, beige with white and brown chunks	5.1
060297- 447	052397 - 02 - 176M - 01	Black mastic from 12"x12" floor tile, beige with white and brown chunks	1.7
060297- 448	052297 - 02 - 171 - 01	12"x12" floor tile white with grey flecks	0.0
060297- 449	052297 - 02 - 171M - 01	Black mastic from 12"x12" floor tile white with grey flecks	0.0
060297- 450	052397 - 02 - 70 - 01	Vibration joint, white canvas fabric, painted blue	0.0
060297- 451	052297 - 02 - 173 - 01	12"x12" floor tile, light brown with large white streaks	0.0
060297- 452	052297 - 02 - 173M - 01	Black mastic from 12"x12" floor tile, light brown with large white streaks	0.0
060297- 453	052397 - 02 - 179 - 01	Non-fibrous mag insulation on large boiler (outer layer, grey)	0.0
060297- 454	052397 - 02 - 179 - 02	Non-fibrous mag insulation on large boiler (inner layer, white)	0.0
060297- 455	052297 - 02 - 175 - 01	12"x12" floor tile, beige with brick red and large white streaks	0.0
060297- 456	052297 - 02 - 175M - 01	Black mastic from 12"x12" floor tile, beige with brick red and large white streaks	0.0
060297- 457	052297 - 02 - 175 - 02	12"x12" floor tile, beige with brick red and large white streaks	0.0
060297- 458	052297 - 02 - 175M - 02	Black mastic from 12"x12" floor tile, beige with brick red and large white streaks	0.0
060297- 459	052297 - 02 - 12 - 01	2'x4' ACT, hippy holes	0.0
060297- 460	052297 - 02 - 63 - 03	2'x4' ACT with 8 11"x11" squares	0.0
060297- 461	052297 - 02 - 174 - 01	2'x2' ACT, mixed hole	0.0
060297- 462	052297 - 02 - 34 - 03	Pipe insulation, 4" O.D. brown rolled paper	9.0
060297- 463	052297 - 02 - 159 - 02	2'x4' ACT with 8 11"x11" squares, bumpy surface with rice krispies	0.0
060297- 464	052297 - 02 - 166 - 03	2'x2' ACT, white bumpy surface, random holes	0.0
060297- 465	052297 - 02 - 172 - 01	12"x12" floor tile, dark and light grey streaked	0.0
060297- 466	052297 - 02 - 172M - 01	Black mastic from 12"x12" floor tile, dark and light grey streaked	0.0
060297- 467	052397 - 02 - 109 - 02	12"x12" floor tile, light grey with grey and white chips	0.0
060297- 468	052397 - 02 - 109M - 02	White mastic from 12"x12" floor tile, light grey with grey and white chips	0.0
060297- 473	052397 - 02 - 120 - 01	White strapping from top of boiler in boiler room (FG)	0.0
100397- 474	060297 - 02 - 124 - 01	12" x 12" FT - light green w/ white + olive chips	0.0
100397- 475	060297 - 02 - 124M - 01	Yellow adhesive for 124-01	0.0
100397- 476	060297 - 02 - 158 - H33	Baseboard mastic - yellow brittle (smooth beige-yellow texture)	0.0
100397- 477	060297 - 02 - 198 - 01	Thick white paint on ceiling	0.0
100397- 478	060297 - 02 - 73 - B1	Baseboard Mastic - brown, brittle (smooth caramel brown texture)	0.0
100397- 479	060297 - 02 - 197 - 01	12 x 12 Slate blue w/ dark blue & white flecks	0.0
100397- 480	060297 - 02 - 197M - 01	Black mastic for 197-01	0.0



**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 481	060297 - 02 - 199 - 01	Reddish Brown Carpet mastic (over floor tile)	0.0
100397- 482	060297 - 02 - 05 - 01	Mag PFI on 8" OD FG Pipe	46.1
100397- 483	060297 - 02 - 200 - 01	Baseboard mastic - white and smooth (flexible)	0.0
100397- 484	060297 - 02 - 12 - B5	ACT, Hippy Holes Pattern, 2' x 4' (grey/off-white)	0.0
100397- 485	060297 - 02 - 141 - 01	Window caulking (Black and grey)	2.3
100397- 486	060297 - 02 - 158 - 02	Baseboard mastic - tan/beige flexible	0.0
100397- 487	060297 - 02 - 194 - 02	Yellow dry & powdery carpet mastic	0.0
100397- 488	060297 - 02 - 163 - 03	12" x 12" FT periwinkle blue w/ blue + white chips	0.0
100397- 489	060297 - 02 - 163M - 03	Black mastic for 163-01	0.0
100397- 490	060297 - 02 - 194 - 01	Yellow dry & powdery carpet mastic	0.0
100397- 491	060297 - 02 - 193 - 01	Ceiling plaster & lathe	0.0
100397- 492	060297 - 02 - 11 - 01	13" OD Mag Block PI	0.0
100397- 493	060297 - 02 - 22 - 01	Fitting Cement on FG Joints (2" OD)	0.0
100397- 494	060297 - 02 - 01 - 03	Mag Block (2½" OD PI)	47.1
100397- 495	060297 - 02 - 56 - 01	Wall plaster over concrete	10.6
100397- 496	060297 - 02 - 195 - 01	Adhesive under ceramic tiles (Beige and smooth over paint)	0.0
100397- 497	060297 - 02 - 193 - 02	Ceiling plaster & lathe	0.0
100397- 498	060297 - 02 - 196 - 01	Grout between ceramic tiles	0.0
100397- 499	060297 - 02 - 201 - 01	Various baseboard mastic on brown baseboard (Off-white and dark brown smooth)	0.0
100397- 500	060297 - 02 - 107 - 03	9" x 9" FT - mint green w/ white specks + dark green specks	0.0
100397- 501	060297 - 02 - 107M - 03	Black mastic for 107-03	3.3
100397- 502	060297 - 02 - 194 - 03	Yellow dry & powdery carpet mastic	0.0
100397- 503	060297 - 02 - 133 - 01	2' x 4' ACT - dents + pin holes (Dense grey - ½" thick)	0.0
100397- 504	060297 - 02 - 14 - 05	Gypsum Ceiling board/Wall board and Joint Compound	0.0
100397- 505	060497 - 02 - 223 - K31	Tan brittle carpet mastic	0.0
100397- 506	060497 - 02 - 141 - K31	Window/Door caulking (Light grey and gummy)	0.0
100397- 507	060497 - 02 - 210 - 01	Linoleum gray, brown, & white with marble/pebble conglomerate pattern	1.8
100397- 508	060497 - 02 - 210M - 01	Dark Brown and grey brittle mastic for 210-01	29.7
100397- 509	060497 - 02 - 158 - K31	Baseboard mastic - yellow brittle (tan and dark brown on light grey baseboard)	0.0
100397- 510	060497 - 02 - 14 - P29	Joint Compound	0.0
100397- 511	060497 - 02 - 161 - H23	12" x 12" FT Beige w/ white + brown small streaks	0.0
100397- 512	060497 - 02 - 161M - H23	Black brittle mastic for 161-H23	0.0
100397- 513	060497 - 02 - 57 - H23	Yellow gummy carpet mastic (caramel yellow)	0.0
100397- 514	060497 - 02 - 208 - 01	Black troweled coating on steps (1/8" thick with a thin middle white layer)	<1.0
100397- 515	060497 - 02 - 209 - 01	Duct work gasket (black formed mastic-like dense foam?)	0.0
100397- 516	060497 - 02 - 196 - M21	Grout between ceramic tiles (white)	0.0
100397- 517	060497 - 02 - 12 - M23	ACT, Hippy Holes Pattern, 2' x 4' (off-white)	0.0



**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 518	060497 - 02 - 211 - 01	VJ with fine tighter woven thread in black rubber	0.0
100397- 519	060497 - 02 - 158 - H23	Baseboard mastic - yellow brittle (off-white smooth on dark brown baseboard)	0.0
100397- 520	060497 - 02 - 186 - H23	light grey coating on floor (a little more than 1/8" thick)	0.0
100397- 521	060497 - 02 - 207 - 01	Pink leveling concrete	0.0
100397- 522	060497 - 02 - 206 - 01	Old white caulking left over on floor	0.0
100397- 523	060497 - 02 - 132 - H23	12" x 12" FT - pink w/ burgundy & white chips (on black mastic)	0.0
100397- 524	060497 - 02 - 132M - H23	Black mastic for floor tile 132-H23	0.0
100397- 525	060497 - 02 - 190 - H23	2' x 2' ACT large rice krispies w/ pin holes (light grey)	0.0
100397- 526	060497 - 02 - 26 - H23	2' x 4' acoustical CT, large cracks (beige)	0.0
100397- 527	060497 - 02 - 86 - H23	12" x 12" FT tan w/ white + black streaks	0.0
100397- 528	060497 - 02 - 86M - H23	Brittle black mastic for 86-H23	0.0
100397- 529	060497 - 02 - 159 - H23	2' x 4' ACT w/ 8-11" x 11" squares - bumpy surface w/ rice krispies (grey)	0.0
100397- 530	060497 - 02 - 203 - 01	Yellow semi-transparent coating over concrete	0.0
100397- 531	060497 - 02 - 205 - 01	White duct caulking	0.0
100397- 532	060497 - 02 - 04 - K19	2' x 4' acoustical CT, mixed hole pattern	0.0
100397- 533	060497 - 02 - 111 - C23	Linoleum floor - beige w/ brown hair + yellow dots	0.0
100397- 534	060497 - 02 - 216 - 01	Gray troweled coating on steps	2.2
100397- 535	060497 - 02 - 215 - 01	Backboard in bathroom behind tiles	<1.0
100397- 536	060497 - 02 - 196 - C23	Grout between ceramic tiles (white)	0.0
100397- 537	060497 - 02 - 73 - A21	Baseboard Mastic - brown, brittle (with residual tan adhesive - brown baseboard)	0.0
100397- 538	060497 - 02 - 124 - C21	12" x 12" FT - light green w/ white + olive chips	0.0
100397- 539	060497 - 02 - 26 - AA	2' x 4' acoustical CT, large cracks	0.0
100397- 540	060497 - 02 - 143 - B4	9" x 9" FT mint green w/ white + dark green streaks	2.5
100397- 541	060497 - 02 - 143M - B4	Black brittle mastic for 143	0.0
100397- 542	060497 - 02 - 32 - B4	Transite wall board (used as a ceiling - 1/8" thick)	31.4
100397- 543	060497 - 02 - 12 - AB	ACT, Hippy Holes Pattern, 2' x 4' (grey)	0.0
100397- 544	060497 - 02 - 124 - AB	12" x 12" FT - light green w/ white + olive chips	0.0
100397- 545	060497 - 02 - 124M - AB	Black mastic for 124-AB	0.0
100397- 546	060497 - 02 - 158 - AB	Baseboard mastic - yellow brittle (flexible beige)	0.0
100397- 547	060497 - 02 - 161 - AB	12" x 12" FT Beige w/ white + brown small streaks	<1.0
100397- 548	060497 - 02 - 161M - AB	Black mastic on wood for 161-AB	0.0
100397- 549	060597 - 02 - 223 - 01	Yellow brittle carpet mastic	0.0
100397- 550	060597 - 02 - 176 - H7	12" x 12" FT Beige w/ white + brown chunks	0.0
100397- 551	060597 - 02 - 176M - H7	Black mastic for 176-H7 on plywood	0.0
100397- 552	060597 - 02 - 123 - B7	Mastic under rubber flooring (white brittle, like paint)	0.0
100397- 553	060597 - 02 - 128 - B7	leveling compound (grey and powdered)	0.0
100397- 554	060597 - 02 - 222 - 01	Flexible yellow/beige baseboard mastic (similar to 158), opaque (flexible beige)	0.0

**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 555	060597 - 02 - 221 - 01	PFI 1½"-2" OD (Grey cementitious)	0.0
100397- 556	060597 - 02 - 220 - 01	12" x 12" FT Pinkish with tan and white small short streaks	0.0
100397- 557	060597 - 02 - 220M - 01	Grey brittle adhesive for 220-01	0.0
100397- 558	060597 - 02 - 158 - E10	Baseboard mastic - yellow brittle (caramel and flexible)	0.0
100397- 559	060597 - 02 - 103 - E11	12" x 12" FT - peach w/ small brown streaks	1.8
100397- 560	060597 - 02 - 103M - E11	Black brittle mastic for 103-E11	1.3
100397- 561	060597 - 02 - 26 - E11	2' x 4' acoustical CT, large cracks	0.0
100397- 562	060597 - 02 - 124 - E11	12" x 12" FT - light green w/ white + olive chips	0.0
100397- 563	060597 - 02 - 124M - E11	Black brittle mastic for 124-E11	2.0
100397- 564	060597 - 02 - 219 - 01	12" x 12" FT Brown clay with red, white & brown flecks	0.0
100397- 565	060597 - 02 - 219M - 01	Black mastic for 219-01	0.0
100397- 566	060597 - 02 - 200 - E11	Baseboard mastic - white and smooth (mixed with brown)	0.0
100397- 567	060597 - 02 - 82 - E11	12" x 12" FT grey w/ white + grey small streaks	0.0
100397- 568	060597 - 02 - 82M - E11	Yellow green adhesive for 82-E11	0.0
100397- 569	060597 - 02 - 217 - 01	2' x 2' ACT: Ice cream ridges	0.0
100397- 570	060597 - 02 - 218 - 01	2' x 2' ACT: Sea coral pattern	0.0
100397- 571	061397 - 02 - 185M - B37	Black mastic for item #185	2.5
100397- 572	061397 - 02 - 185 - B37	9" x 9" FT light green (pattern unknown)	2.8
100397- 573	061397 - 02 - 255 - A25	9" x 9" FT white w/ black and grey small short streaks	<1.0
100397- 574	061397 - 02 - 255M - A25	Black mastic for Item # 255	2.3
100397- 575	061397 - 02 - 123 - A40	Mastic under rubber flooring - powdered (1st floor)	0.0
100397- 576	061397 - 02 - 200 - B36	Baseboard mastic - beige and smooth for 4" grey baseboard	0.0
100397- 577	061397 - 02 - 223 - A40	Yellow brittle carpet mastic (1st floor)	0.0
100397- 578	061397 - 02 - 22 - A39	Fitting Cement on FG Joints on FG line	0.0
100397- 579	061397 - 02 - 200 - A40	Baseboard mastic, beige and smooth, for 6" Tan baseboard (1st floor)	0.0
100397- 580	061397 - 02 - 223 - B37	Reddish tan brittle adhesive - carpet	0.0
100397- 581	061397 - 02 - 254 - A37	Floor treatment - yellow	0.0
100397- 582	061497 - 02 - 41M - RA33	Opaque dark beige adhesive for Item # 41(Nurse's Office)	0.0
100397- 583	061497 - 02 - 26 - RA33	2' x 4' acoustical CT, large cracks (Nurse's Office)	0.0
100397- 584	061497 - 02 - 21 - RA36	Sheetrock & compound	0.0
100397- 585	061497 - 02 - 195 - RA36	Adhesive under ceramic tiles (women's room)	0.0
100397- 586	061497 - 02 - 41 - RA33	9" x 9" FT Black w/ white streaks (Nurse's Office)	0.0
100397- 587	061497 - 02 - 244 - RA41	Unknown size, unknown texture FT - Light Green (Mezzanine, Loc 102)	1.8
100397- 588	061497 - 02 - 223 - 106	Yellow brittle blue carpet adhesive (Mezzanine, Loc. 106)	0.0
100397- 589	061497 - 02 - 244M - RA41	Black mastic for item # 244 (Mezzanine, Loc 101)	2.2
100397- 590	061497 - 02 - 174 - S40	2' x 2' ACT mixed hole (linear cracks, pinholes) (mezzanine, Loc. 108)	0.0
100397- 591	061497 - 02 - 308 - A41	Light brown carpet adhesive mixed with black mastic	1.3

**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 592	061497 - 02 - 17M - B35	Brown mastic from unknown 1x1 previously removed tiles (Mezzanine)	0.0
100397- 593	061497 - 02 - 223 - 103	Cream brittle carpet mastic (Mezzanine, Loc 103)	0.0
100397- 594	061497 - 02 - 230 - RA41	Black mastic for light brown baseboard adhesive (Mezzanine)	0.0
100397- 595	061497 - 02 - 223 - A39	Beige flexible carpet adhesive from room 17 (Mezzanine, Loc. 107)	0.0
100397- 596	061497 - 02 - 222 - S34	Opaque Flexible yellow adhesive for thick black baseboard (Mezz)	0.0
100397- 597	061497 - 02 - 196 - 104	Grout between 1x1 br/wh/tan ceramic floor tiles (Mezz, Loc 104)	0.0
100397- 598	061497 - 02 - 128 - A38	Central files white leveling compound (Mezz, Loc 110)	0.0
100397- 599	061497 - 02 - 196 - 105	White Grout between 4x4 pink ceramic wall tiles (Mezz, Loc 105)	0.0
100397- 600	061497 - 02 - 196 - S40	Light brown grout between ceramic floor tile (Loc 109)	0.0
100397- 601	061497 - 02 - 223 - RA38	Yellow mixed with purple carpet adhesive	0.0
100397- 602	061497 - 02 - 223 - A37	Off-white adhesive mixed with some industrial carpet backing	0.0
100397- 603	061497 - 02 - 222 - RA37	Opaque Beige flexible adhesive on black hallway baseboard	0.0
100397- 604	061497 - 02 - 308 - A38	Reddish brown carpet adhesive on top of item # 143	1.8
100397- 605	061497 - 02 - 222 - A38	Beige opaque adhesive for grey baseboard	0.0
100397- 606	061497 - 02 - 196 - A36A	White grout between ceramic wall tiles	0.0
100397- 607	061497 - 02 - 196 - A36B	Grey grout between ceramic tiles	0.0
100397- 608	061697 - 02 - 58M - S36	Black mastic for item 518	0.0
100397- 609	061697 - 02 - 222 - S33	Beige adhesive in Executive offices (1st FL)	0.0
100397- 610	061697 - 02 - 58 - S36	9" x 9" FT - Tan w/brown & white streaks	0.0
100397- 611	061697 - 02 - 152 - RA35	carpet backing on black hallway carpet	0.0
100397- 612	061697 - 02 - 109 - S35	12" x 12" FT - light grey w/ grey + white chips	0.0
100397- 613	061697 - 02 - 244 - A2	Unknown texture FT, 9x9 (1st floor in walkway)	3.3
100397- 614	061697 - 02 - 244M - A2	Black mastic for item 244 (1st floor in walkway)	0.0
100397- 615	061697 - 02 - 109M - S35	Black mastic for item 109 mixed with gummy yellow adhesive	0.0
100397- 616	061697 - 02 - 246 - S33	Black carpet adhesive - bathroom, Executive Office (1st floor)	0.0
100397- 617	061697 - 02 - 223 - R31	Yellow carpet adhesive on grey carpet (Executive office, 1st FL)	0.0
100397- 618	061697 - 02 - 158 - S36	Baseboard mastic - yellow brittle	0.0
100397- 619	061697 - 02 - 196 - RA36	Grey Floor tile grout	0.0
100397- 620	061697 - 02 - 76 - S38	Opaque green carpet adhesive (1st floor)	0.0
100397- 621	061697 - 02 - 257M - A24	Black mastic for item 257M	<1.0
100397- 622	061697 - 02 - 257 - A24	9" x 9" FT white w/ small black streaks	<1.0
100397- 623	061697 - 02 - 123 - A24	Tan Mastic under rubber flooring	<1.0
100397- 624	061697 - 02 - 57 - A24	Yellow gummy carpet mastic	0.0
100397- 625	061697 - 02 - 200 - A23	Beige opaque adhesive for 4" grey baseboard	0.0
100397- 626	061697 - 02 - 158 - S24	Beige and yellow Industrial carpet adhesive with some carpet backing residue	0.0
100397- 627	061697 - 02 - 158 - A24	tan brittle adhesive for 4" dark brown baseboard	0.0
100397- 628	061697 - 02 - 223 - A23	Reddish Yellow adhesive for blue-green tiled carpet	0.0

**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

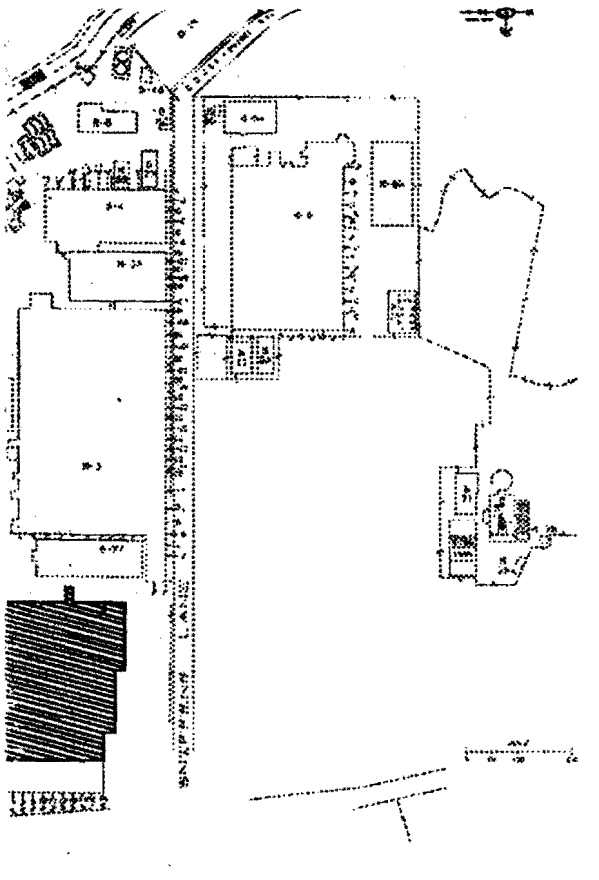
Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 629	061897 - 02 - 115 - RA	2' x 4' ACT - smooth plain white	0.0
100397- 630	061897 - 02 - 105 - A21	2' x 4' ACT - small rice krispies + pin holes	0.0
100397- 634	061897 - 02 - 258M - R11	Black mastic for item number 258	1.7
100397- 635	061897 - 02 - 194 - S12	Yellow dry & powdery carpet mastic	0.0
100397- 636	061897 - 02 - 244 - S12	12x12 off-white with tan (maybe olive) small streaks?	0.0
100397- 637	061897 - 02 - 244M - S12	Black mastic for item 244-S12	1.9
100397- 638	061897 - 02 - 244 - R11	9x9 under floor coating (gray w/ large b/w blotches)	24.2
100397- 639	061897 - 02 - 158 - A10	Baseboard mastic - yellow flexible on 4" gray baseboard	0.0
100397- 640	061897 - 02 - 244M - R11	Black mastic for item # 244-R11	0.0
100397- 641	061897 - 02 - 258 - R11	9" x 9" FT Green w/ black & white streaks	13.5
100397- 642	061897 - 02 - 76 - R9	Adhesive for tan carpet, adhesive mixed with #19 (black), same adhesive as blue carpet	0.0
100397- 643	061897 - 02 - 222 - R8	Beige adhesive from 4" black baseboard	0.0
100397- 644	061897 - 02 - 58M - A8	Black mastic from item # 58-A8	3.1
100397- 645	061897 - 02 - 259 - A8	9" x 9" FT Brick Red w/ white streaks	<1.0
100397- 646	061897 - 02 - 259M - A8	Black mastic with grey (paint?) for item # 259-A8	<1.0
100397- 647	061897 - 02 - 196 - A9F	Grey grout in floor tile in Women's room	0.0
100397- 648	061897 - 02 - 196 - A9W	White grout in wall tile in Women's room	0.0
100397- 649	061897 - 02 - 58 - A8	9" x 9" FT - Tan w/brown & white streaks (brown streaks almost burgundy)	1.7
100397- 650	061897 - 02 - 234 - S8	Carpet mastic: brown and gummy on raised floor	0.0
100397- 651	061897 - 02 - 73 - R8	Baseboard Mastic - brown, brittle on grey 4" baseboard	0.0
100397- 652	061897 - 02 - 57 - S11	Brown yellow gummy carpet mastic under both type of carpets in both rooms	0.0
100397- 653	061897 - 02 - 244M - A10	Black mastic for item # 244-A10	0.0
100397- 654	061897 - 02 - 244 - A10	12 x 12 under carpet - unknown pattern	<1.0
100397- 655	061897 - 02 - 194 - HQ	Yellow dry & powdery carpet mastic	0.0
100397- 656	061897 - 02 - 152 - HQ	carpet backing (black carpet with white strands)	0.0
100397- 657	061997 - 02 - 171 - L15S	12X12 FT white w/ grey or greenish grey specks? (too worn for ID)	0.0
100397- 658	061997 - 02 - 171 - L15S	Black mastic for item number 244-L15S	0.0
100397- 659	061997 - 02 - 263 - A26	9" x 9" FT Yellow & Grey heterogeneous horizontal mix	0.0
100397- 660	061997 - 02 - 262 - A26	9" x 9" FT Battleship grey with white and black small specks	0.0
100397- 661	061997 - 02 - 267 - K41	9" x 9" FT Red w/ white long streaks	0.0
100397- 662	061997 - 02 - 267M - K41	Black and brown mix mastic for item # 267-K41	0.0
100397- 664	061997 - 02 - 223 - A04	Carmel brittle carpet mastic in room in hallway between Bldgs 1 & 2	0.0
100397- 665	061997 - 02 - 222 - L36	Flexible opaque beige baseboard mastic in 2nd Floor Women's room @ L36	0.0
100397- 666	061997 - 02 - 270 - V33	Plexiglass window w/ thin fibers - part of the window in stairway @ V33	0.0
100397- 667	061997 - 02 - 129 - N38	Thin treatment on concrete floor trowled on stairway landing	8.0
100397- 668	061997 - 02 - 196 - FN37	Grey grout between ceramic tiles	0.0
100397- 669	061997 - 02 - 73 - K39	Baseboard Mastic - brown, brittle, and gummy	0.0

**TABLE 3.2.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 2**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 670	061997 - 02 - 176 - K39	12" x 12" FT Beige w/ white + brown chunks	0.0
100397- 671	061997 - 02 - 176M - K39	Black mastic for item # 176-K39	0.0
100397- 672	061997 - 02 - 261M - P37	Black mastic for item # 261-P37	0.0
100397- 673	061997 - 02 - 73 - P37	Brown mastic for 4" black baseboard - similar to brown baseboard	0.0
100397- 674	061997 - 02 - 261 - P37	12" x 12" Pink with white , burgundy, orange flecks	0.0
100397- 675	061997 - 02 - 196 - WN37	White grout between ceramic tiles	0.0
102397- 928	101397 - 02 - 133 - R12	2' x 4' ACT - dents + pin holes (grey)	0.0
102397- 929	101397 - 02 - 196 - R12W	Grout between ceramic wall tiles	0.0
102397- 930	101397 - 02 - 196 - R12F	Grout between ceramic floor tiles	0.0
102397- 931	101397 - 02 - 26 - R12	2' x 4' acoustical CT, large cracks - older	0.0
102397- 932	101397 - 02 - 12 - E9	ACT, Hippy Holes Pattern, 2' x 4' - Men's elevated bathroom 101, E9	0.0
102397- 933	101397 - 02 - 223 - AG/AF	Yellow brittle carpet mastic	0.0
102397- 948	052397 - 02 - 14 - G2	Sheetrock walls - X-ray room at G-2 (1st Floor)	0.0
102397- 949	052397 - 02 - 161 - 02	12" x 12" FT Beige w/ white + brown small streaks - 1st floor at V-17	0.0
102397- 950	060297 - 02 - 57 - A3	Yellow gummy carpet mastic (almost dark brown)	0.0
102397- 951	060297 - 02 - 222 - A3G	Flexible tan baseboard mastic, opaque - on grey baseboard, A-3	0.0
102397- 952	060297 - 02 - 222 - A3B	Flexible beige baseboard mastic, opaque - on black baseboard, A-3	0.0
102397- 953	060297 - 02 - 202 - 01	Tar/transite electrical board - room between A-4 & A-3	25.1
102397- 954	060297 - 02 - 160 - A3	12" x 12" FT cream w/ brown + grey chips (no specific location, 1st Fl)	0.0
102397- 955	060297 - 02 - 160M - A3	Black mastic for 160-A3 (102397-954)	0.0

Notes:

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.



ON MAP

REV	DATE	DESCRIPTION	BY



U.S. ARMY ENGINEER DISTRICT, NEW YORK  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK

STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT  
ASBESTOS SURVEY REPORT

A

BUILDING 2, FIRST FLOOR  
SAMPLE AND AREA LOCATIONS

**MALCOLM  
PIRNIE**

FIGURE

3.2.1

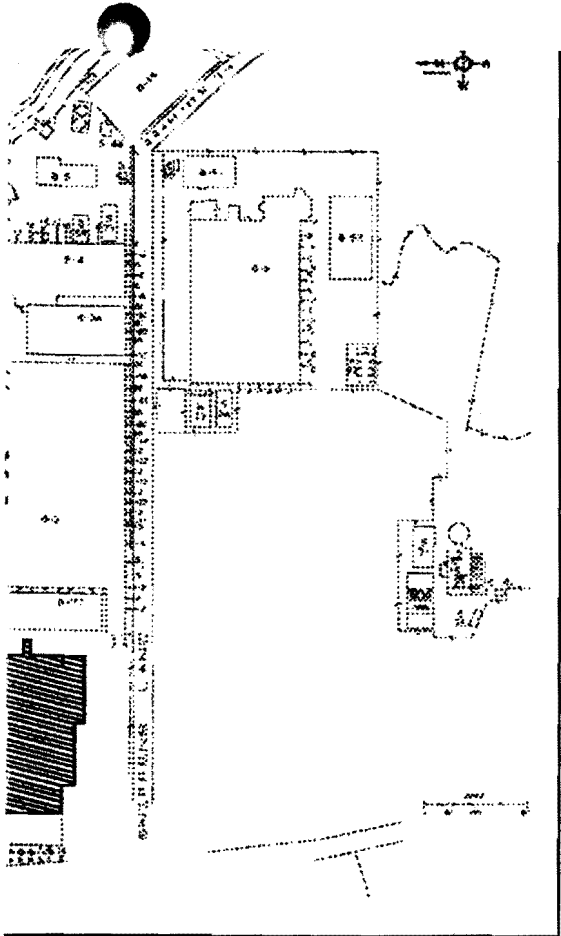
SCALE: AS NOTED


DATE: DEC. 1997

SHEET

C  
A  
D  
D

1/8"=1'-0"

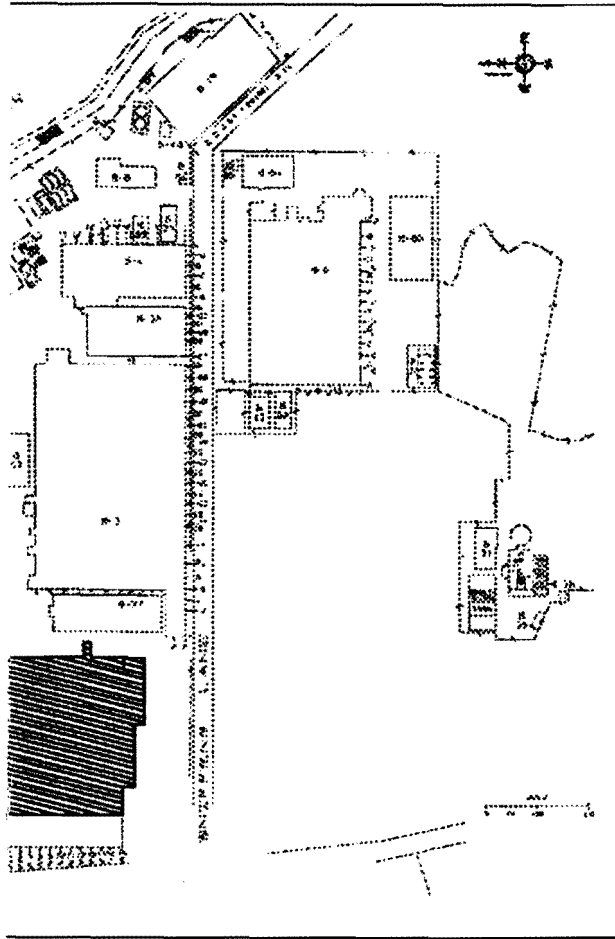


REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 2, MEZZANINE SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		<p>FIGURE 3.2.2</p>	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET


A

C  
A  
D  
D

1"=40'




ION MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</p> <p>ASBESTOS SURVEY REPORT</p> <p>BUILDING 2, FIRST FLOOR RAISED OFFICES INDEX</p>			
<p><b>MALCOLM PIRNIE</b></p>		FIGURE	3.2.3
SCALE: AS NOTED	DATE: DEC. 1997	SHEET	

A


C  
A  
D  
D



REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 2, RAISED OFFICES</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM PIRNIE</b>			<b>FIGURE</b> <b>3.2.4</b>
<b>SCALE: AS NOTED</b>		<b>DATE: DEC. 1997</b>	<b>SHEET</b>

**A**

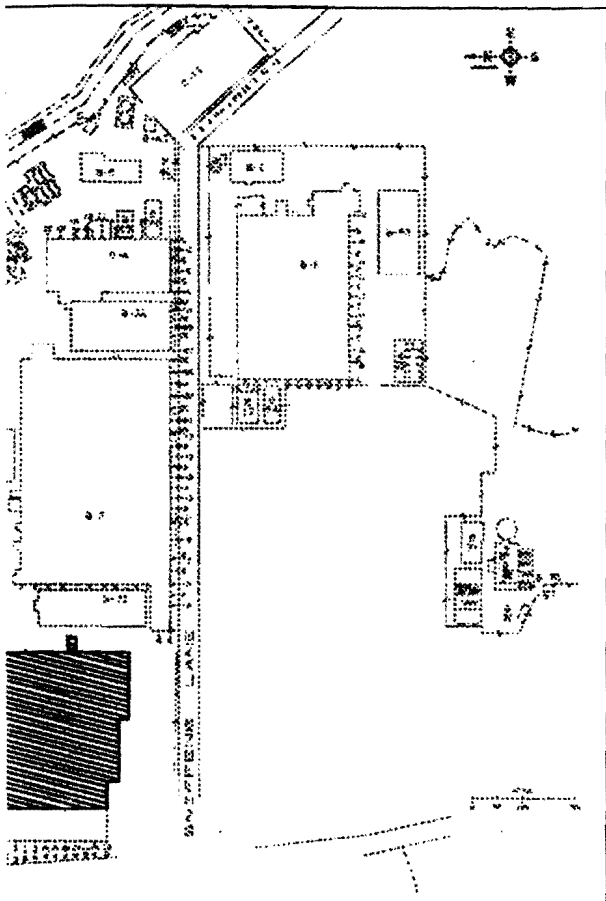
C  
A  
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D

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 2, RAISED OFFICES SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>			<p>FIGURE 3.2.5</p>
SCALE: AS NOTED	DATE: DEC. 1997	SHEET	



A

C  
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D

1"-16'



ON MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 2, SECOND FLOOR SAMPLE AND AREA LOCATIONS</p>			
		<p>FIGURE 3.2.6</p>	
<p>SCALE: AS NOTED</p>		<p>DATE: DEC. 1997</p>	<p>SHEET</p>

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### **3.3 BUILDING 3 - RESEARCH AND DEVELOPMENT ENGINEERING**

Building 3 is a three-story 237,801 square foot building. The first floor of the building consists of manufacturing space. The second and third floors consist of office space. In addition to the three main floors there are some elevated offices. The building is constructed of a combination of steel, concrete, and wood floors, steel and concrete supports, and brick, metal, and glass exterior walls. Roofing consists of a combination of tar and felt built-up roofing material and new rubberized roof membrane.

**TABLE 3.3.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 3**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

Item #	Material Description	Quantity	Units
1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	144	LF
10	Fabric strapping	50	LF
18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	2,322	LF
19	Residual floor tile (under carpet) - assumed positive	12,630	SF
32	Transite wall and ceiling board	578	SF
33	Pipe insulation and associated fittings, white rolled paper, 2 1/2 - 6" O.D.	582	LF
34	Pipe insulation and associated fittings, brown rolled paper, 3-6" O.D.	533	LF
41	Floor tile and associated mastic, black with white streaks, 9" x 9", assumed positive	10	SF
42	Floor tile and associated mastic, light grey with black and white streaks, 9" x 9", assumed positive	1,264	SF
44	Floor tile, black, 9" x 9"	320	SF
53	Vibration joint, white fabric	20	EA
55	Floor tile and associated black mastic, black with brown streaks, 12" x 12"	7,255	SF
62	Floor tile, beige with brown streaks, 9" x 9"	19,620	SF
67	Magnesium block insulation over cork on HVAC and ducts	4,607	SF
69	Pipe insulation and associated fittings, egg crate, 3-6" O.D.	544	LF
72	Floor tile, greenish with white and grey streaks, 9" x 9"	2,845	SF
74	Floor tile and associated black mastic, black with white and green streaks, 12" x 12"	2,606	SF
78	Floor tile and associated black mastic, cream with brown and black swirls, 12" x 12"	312	SF
79	Floor tile and associated black mastic, beige with brown streaks and blotches, 12" x 12"	234	SF
83	Linoleum floor - tan with white and black streaks	775	SF
85	Floor tile and associated mastic, miscellaneous, 9" x 9", assumed positive	6,315	SF
87	Floor tile and associated mastic, grey with large white streaks, 9" x 9", assumed positive	241	SF
89	Floor tile and associated black mastic, tan with cream streaks, 12" x 12"	102	SF
90	Pipe insulation and associated fittings, inaccessible, 4-7" O.D.	123	LF
94	Floor tile and associated mastic, beige with black and white streaks, 9" x 9", assumed positive	254	SF
95	Pipe insulation and associated fittings, light brown bumpy rolled paper, 3-4" O.D.	35	LF
98	Pipe insulation and associated fittings, egg crate, 7-12" O.D.	2,558	LF
101	Floor tile and associated mastic, beige with small black streaks and large white spots, 12" x 12"	460	SF
102	Floor tile and associated mastic, burgundy, unknown size	460	SF
112	Assumed floor tile under carpet	360	SF
136	Pipe insulation and associated fittings, magnesium block, 7-12" O.D.	70	LF
137	Pipe insulation and associated fittings, Aircell, 7-12" O.D.	439	LF
138	Pipe insulation and associated fittings, brown rolled paper, 7-12" O.D.	655	LF
139	Pipe insulation and associated fittings, white rolled paper, 7-9" O.D.	40	LF
188	Floor tile and associated black mastic, cream with linear brown streaks, 12" x 12"	9,700	SF
242	Floor tile and associated black mastic, clay red with ridges, 12" x 12"	475	SF
257	Floor tile and associated black mastic, white with small black streaks, 9" x 9"	216	SF
268	Floor tile, light tan with white and grey thin streaks, 9" x 9"	500	SF
269	Floor tile, beige with thin white and grey streaks, 12" x 12"	110	SF
278	Floor coating over concrete, pink, with residual carpet mastic	920	SF
297	Chiller insulation, black tar over powdery white insulant	250	SF

**TABLE 3.3.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 3**

Item #	Material Description	Quantity	Units
298	Miscellaneous tank insulation , assumed positive	200	SF
17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	17,827	SF
58**	Floor tile and associated mastic, tan with brown and white streaks, 9" x 9"	1,686	SF
61**	Floor tile and associated mastic, black (under tile # 58), size unknown	196	SF
71*	Floor tile and associated black mastic, white with grey specks, 12" x 12"	865	SF
77**	Floor tile and associated mastic, dark brown with cream and tan streaks	782	SF
80**	Floor tile, miscellaneous black under item 58, suspected 9" x 9"	1,053	SF
81**	Floor tile and associated mastic, tan with white streaks, 9" x 9"	208	SF
84**	Floor tile and associated mastic, burgundy with tan streaks, 9" x 9"	505	SF
86*	Floor tile and associated black mastic, tan with small white and black streaks, 12" x 12"	120	SF
88***	Floor tile and associated mastic, grey with tiny black and white streaks, 12" x 12"	78	SF
92***	Floor tile and associated mastic, sky blue with small white streaks, 12" x 12"	924	SF
93**	Floor tile and associated mastic, black with white streaks, 12" x 12"	75	SF
246	Black carpet mastic, residual	1,100	SF
FD	Fire Doors	130	EA
Roof	Roofing Material	88,200	SF
WC	Window Caulking	4,250	LF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

Item #	Material Description	Quantity	Units
13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	4,780	SF
82	Floor tile and associated black mastic, grey with white and grey streaks, 12" x 12"	750	SF
72M	Black mastic from floor tile, greenish with white and grey streaks, 9" x 9"	2,845	SF
99	Floor tile and associated black mastic, black with white specks, 12" x 12"	390	SF
268M	Black mastic from floor tile, light tan with white and grey thin streaks, 9" x 9"	200	SF
269M	Black mastic from floor tile, beige with thin white and grey streaks, 12" x 12"	110	SF
44M	Black mastic from floor tile and associated mastic, black, 9" x 9"	320	SF
62M	Black mastic from floor tile, beige with brown streaks, 9" x 9"	19,620	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

\*\* Floor tile was sampled and determined to be positive by PLM. Insufficient mastic was present for sampling and has been included as ACM.

\*\*\* Items 88 and 92 - PLM results for floor tiles were negative. Since insufficient mastic was present for sampling, both the tile and the mastic have been included as ACM.

**TABLE 3.3.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 3**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
3	S1	74	Floor tile and associated mastic, black with white and green streaks, 12" x 12"	75	SF
3	S1	34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	10	LF
3	S1	93**	Floor tile and associated mastic, black with white streaks, 12" x 12"	75	SF
3	S1	41	Floor tile and associated mastic, black with white streaks, 9" x 9", assumed positive	10	SF
3	S2	94	Floor tile and associated mastic, beige with black and white streaks, 9" x 9", assumed positive	254	SF
3	S2	88***	Floor tile and associated mastic, grey with tiny black and white streaks, 12" x 12"	45	SF
3	S3	137	Pipe insulation and associated fittings, Aircell, 8" O.D.	10	LF
3	---	FD	Fire Doors	130	EA
3	---	Roof	Roofing Material	88,200	SF
3	---	WC	Window Caulking	4,250	LF
3/1	101	33	Pipe insulation and associated fittings, white rolled paper, 3-4" O.D.	77	LF
3/1	101	69	Pipe insulation and associated fittings, egg crate, 4" O.D.	51	LF
3/1	101	18	Pipe insulation and associated fittings, Aircell, 3" O.D.	1	LF
3/1	101	95	Pipe insulation and associated fittings, light brown bumpy rolled paper, 3-4" O.D.	35	LF
3/1	102	18	Pipe insulation and associated fittings, Aircell, 5" O.D.	23	LF
3/1	103	18	Pipe insulation and associated fittings, Aircell, 4" O.D.	16	LF
3/1	103	138	Pipe insulation and associated fittings, brown rolled paper, 8" O.D.	40	LF
3/1	103	34	Pipe insulation and associated fittings, brown rolled paper, 4-6" O.D.	45	LF
3/1	104	92***	Floor tile and associated mastic, sky blue with small white streaks, 12" x 12"	768	SF
3/1	105	69	Pipe insulation and associated fittings, egg crate, 3-6" O.D.	65	LF
3/1	105	98	Pipe insulation and associated fittings, egg crate, 7-12" O.D.	2,300	LF
3/1	105	18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	1,500	LF
3/1	105	137	Pipe insulation and associated fittings, Aircell, 7-12" O.D.	20	LF
3/1	105	34	Pipe insulation and associated fittings, brown rolled paper, 3-6" O.D.	220	LF
3/1	105	138	Pipe insulation and associated fittings, brown rolled paper, 7-12" O.D.	500	LF
3/1	105	136	Pipe insulation and associated fittings, magnesium block, 7-12" O.D.	70	LF
3/1	107	18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	195	LF
3/1	107	1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	40	LF
3/1	109	32	Transite Wall Board	48	SF
3/1	109	34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	40	LF
3/1	109	98	Pipe insulation and associated fittings, egg crate, 10" O.D.	24	LF
3/1	110	10	Fabric strapping	50	LF
3/1	112	44	Floor tile, black, 9" x 9"	70	SF
3/1	113	98	Pipe insulation and associated fittings, egg crate, 8" O.D.	160	LF
3/1	115	1	Pipe insulation and associated fittings, magnesium block, 4" O.D.	32	LF
3/1	115	137	Pipe insulation and associated fittings, Aircell, 8" O.D.	44	LF
3/1	117	34	Pipe insulation and associated fittings, brown rolled paper, 5-6" O.D.	20	LF
3/1	118	101	Floor tile and associated mastic, beige with small black streaks and large white spots, 12" x 12"	460	SF

**TABLE 3.3.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 3**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
3/1	118	34	Pipe insulation and associated fittings, brown rolled paper, 3-5" O.D.	6	LF
3/1	118	102	Floor tile and associated mastic, burgundy, unknown size	460	SF
3/1	119	92***	Floor tile and associated mastic, sky blue with small white streaks, 12" x 12"	120	SF
3/1	122	1	Pipe insulation and associated fittings, magnesium block, 4" O.D.	65	LF
3/1	124	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	3,450	SF
3/1	125	33	Pipe insulation and associated fittings, white rolled paper, 4" O.D.	80	LF
3/1	125	278	Floor coating over concrete, pink, with residual carpet mastic	920	SF
3/1	125	69	Pipe insulation and associated fittings, egg crate, 4" O.D.	3	LF
3/1	129	188	Floor tile and associated black mastic, cream with linear brown streaks, 12" x 12"	9,700	SF
3/1	129	297	Chiller insulation, black tar over powdery white insulant	250	SF
3/1	129	98	Pipe insulation and associated fittings, egg crate, 8-10" O.D.	52	LF
3/1	129	138	Pipe insulation and associated fittings, brown rolled paper, 8" O.D.	115	LF
3/1	129	18	Pipe insulation and associated fittings, Aircell, 3-5" O.D.	86	LF
3/1	129	90	Pipe insulation and associated fittings, inaccessible, 4-5" O.D.	48	LF
3/1	130	268	Floor tile, light tan with white and grey thin streaks, 9" x 9"	500	SF
3/1	130	269	Floor tile, beige with thin white and grey streaks, 12" x 12"	110	SF
3/1	130	242	Floor tile and associated black mastic, clay red with ridges, 12" x 12"	475	SF
3/1	130	32	Transite wall and ceiling board	530	SF
3/1	130	18	Pipe insulation and associated fittings, Aircell, 4" O.D.	20	LF
3/1	130	17M	Mastic, brown, from cellulose acoustical ceiling tile, 1' x 1', linear holes	180	SF
3/1	130	257	Floor tile and associated black mastic, white with small black streaks, 9" x 9"	216	SF
3/1	131	33	Pipe insulation and associated fittings, white rolled paper, 4" O.D.	12	LF
3/1	131	246	Black carpet mastic, residual	1,100	SF
3/2	1	62	Floor tile, beige with brown streaks, 9" x 9"	13,960	SF
3/2	1	33	Pipe insulation and associated fittings, white rolled paper, 4" O.D.	328	LF
3/2	1	139	Pipe insulation and associated fittings, white rolled paper, 9" O.D.	36	LF
3/2	1	34	Pipe insulation and associated fittings, brown rolled paper, 6" O.D.	34	LF
3/2	1	69	Pipe insulation and associated fittings, egg crate rolled paper, 4" O.D.	45	LF
3/2	3	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	7	SF
3/2	4	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	2,640	SF
3/2	4	69	Pipe insulation and associated fittings, egg crate rolled paper, 4" O.D.	12	LF
3/2	4	62	Floor tile, beige with brown streaks, 9" x 9"	5,280	SF
3/2	5	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	335	SF
3/2	5	71*	Floor tile and associated black mastic, white with grey specks, 12" x 12"	670	SF
3/2	6	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	100	SF
3/2	6	71*	Floor tile and associated black mastic, white with grey specks, 12" x 12"	195	SF
3/2	7	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	190	SF
3/2	7	62	Floor tile, beige with brown streaks, 9" x 9"	380	SF



**TABLE 3.3.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 3**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
3/2	8	72	Floor tile, greenish with white and grey streaks, 9" x 9"	2,200	SF
3/2	9	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	90	SF
3/2	9	72	Floor tile, greenish with white and grey streaks, 9" x 9"	183	SF
3/2	10	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	70	SF
3/2	10	72	Floor tile, greenish with white and grey streaks, 9" x 9"	140	SF
3/2	11	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	70	SF
3/2	11	72	Floor tile, greenish with white and grey streaks, 9" x 9"	140	SF
3/2	12	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	90	SF
3/2	12	72	Floor tile, greenish with white and grey streaks, 9" x 9"	182	SF
3/2	13	69	Pipe insulation and associated fittings, egg crate rolled paper, 3-5" O.D.	180	LF
3/2	13	19	Residual floor tile mastic (under carpet) - assumed positive	12,000	SF
3/2	16	55	Floor tile and associated black mastic, black with brown streaks, 12" x 12"	40	SF
3/2	17	55	Floor tile and associated black mastic, black with brown streaks, 12" x 12"	15	SF
3/2	17	69	Pipe insulation and associated fittings, egg crate rolled paper, 3-5" O.D.	30	LF
3/2	18	34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	24	LF
3/2	18	18	Pipe insulation and associated fittings, Aircell, 5" O.D.	2	LF
3/2	18A	34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	11	LF
3/2	19	1	Pipe insulation and associated fittings, magnesium block, 6" O.D.	7	LF
3/2	20	18	Pipe insulation and associated fittings, Aircell, 6" O.D.	35	LF
3/2	20	34	Pipe insulation and associated fittings, brown rolled paper, 6" O.D.	7	LF
3/2	21	74	Floor tile and associated black mastic, black with white and green streaks, 12" x 12"	2,531	SF
3/2	21	18	Pipe insulation and associated fittings, Aircell, 3 1/2 - 4" O.D.	30	LF
3/2	21	34	Pipe insulation and associated fittings, brown rolled paper, 4" O.D.	9	LF
3/2	22	19	Residual floor tile mastic (under carpet) - assumed positive	220	SF
3/2	23	34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	18	LF
3/2	24	69	Pipe insulation and associated fittings, egg crate rolled paper, 3" O.D.	17	LF
3/2	25	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	390	SF
3/2	25	77**	Floor tile and associated mastic, dark brown with cream and tan streaks	782	SF
3/2	27	78	Floor tile and associated black mastic, cream with brown and black swirls, 12" x 12"	312	SF
3/2	27	18	Pipe insulation and associated fittings, Aircell, 4" O.D.	50	LF
3/2	28	18	Pipe insulation and associated fittings, Aircell, 4" O.D.	14	LF
3/2	28	19	Residual floor tile mastic (under carpet) - assumed positive	220	SF
3/2	29	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	2,280	SF
3/2	29	85	Floor tile and associated mastic, miscellaneous, 9" x 9", assumed positive	4,300	SF
3/2	29	83	Linoleum floor - tan with white and black streaks	270	SF
3/2	30	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	110	SF
3/2	30	79	Floor tile and associated black mastic, beige with brown streaks and blotches, 12" x 12"	234	SF
3/2	31	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	50	SF
3/2	32	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	470	SF

**TABLE 3.3.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 3**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
3/2	32	58**	Floor tile and associated mastic, tan with brown and white streaks, 9" x 9"	1,053	SF
3/2	32	80**	Floor tile, miscellaneous black under item 58, suspected 9" x 9"	1,053	SF
3/2	32	33	Pipe insulation and associated fittings, white rolled paper, 4" O.D.	2	LF
3/2	33	81**	Floor tile and associated mastic, tan with white streaks, 9" x 9"	208	SF
3/2	33	34	Pipe insulation and associated fittings, brown rolled paper, 5" O.D.	16	LF
3/2	34	44	Floor tile, black, 9" x 9"	250	SF
3/2	36	69	Pipe insulation and associated fittings, egg crate rolled paper, 3-5" O.D.	110	LF
3/2	36	112	Assumed floor tile under carpet	360	SF
3/2	38	83	Linoleum floor - tan with white and black streaks	180	SF
3/2	38	84**	Floor tile and associated mastic, burgundy with tan streaks, 9" x 9"	180	SF
3/2	39	83	Linoleum floor - tan with white and black streaks	325	SF
3/2	39	84**	Floor tile and associated mastic, burgundy with tan streaks, 9" x 9"	325	SF
3/2	40	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	225	SF
3/2	40	85	Floor tile and associated mastic, miscellaneous, 9" x 9", assumed positive	540	SF
3/2	41	86*	Floor tile and associated black mastic, tan with small white and black streaks, 12" x 12"	120	SF
3/2	42	85	Floor tile and associated mastic, miscellaneous, 9" x 9", assumed positive	105	SF
3/2	45	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	90	SF
3/2	45	19	Residual floor tile mastic (under carpet) - assumed positive	190	SF
3/2	46	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	140	SF
3/2	46	87	Floor tile and associated mastic, grey with large white streaks, 9" x 9", assumed positive	241	SF
3/2	46	42	Floor tile and associated mastic, light grey with black and white streaks, 9" x 9", assumed positive	12	SF
3/2	46	88***	Floor tile and associated mastic, grey with tiny black and white streaks, 12" x 12"	13	SF
3/2	47	85	Floor tile and associated mastic, miscellaneous, 9" x 9", assumed positive	450	SF
3/2	47	89	Floor tile and associated black mastic, tan with cream streaks, 12" x 12"	50	SF
3/2	47	90	Pipe insulation, 5-7" O.D., assumed positive, inaccessible	52	LF
3/2	48	89	Floor tile and associated black mastic, tan with cream streaks, 12" x 12"	52	SF
3/2	48	42	Floor tile and associated mastic, light grey with black and white streaks, 9" x 9", assumed positive	108	SF
3/2	49	42	Floor tile and associated mastic, light grey with black and white streaks, 9" x 9", assumed positive	160	SF
3/2	50	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	620	SF
3/2	50	42	Floor tile and associated mastic, light grey with black and white streaks, 9" x 9", assumed positive	984	SF
3/2	50	85	Floor tile and associated mastic, miscellaneous, 9" x 9", assumed positive	200	SF
3/2	50	92***	Floor tile and associated mastic, sky blue with small white streaks, 12" x 12"	36	SF
3/2	50	33	Pipe insulation and associated fittings, white rolled paper, 5" O.D.	12	LF
3/2	50	90	Pipe insulation, 5" O.D., assumed positive, inaccessible	23	LF
3/2	50	98	Pipe insulation and associated fittings, egg crate rolled paper, 8" O.D.	22	LF
3/2	50	34	Pipe insulation and associated fittings, brown rolled paper, 5" O.D.	11	LF
3/2	50	88***	Floor tile and associated mastic, grey with tiny black and white streaks, 12" x 12"	20	SF
3/2	51	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	360	SF
3/2	51	85	Floor tile and associated mastic, miscellaneous, 9" x 9", assumed positive (majority grey with large white streaks)	720	SF

**TABLE 3.3.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 3**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
3/2	400	18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	350	LF
3/2	400	137	Pipe insulation and associated fittings, Aircell, 7-8" O.D.	350	LF
3/2	400	67	Duct insulation over cork, magnesium block, assumed positive	4,200	SF
3/2	400	298	Miscellaneous tank insulation , assumed positive	200	SF
3/3	1	53	Vibration joint, white fabric	8	EA
3/3	1	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	5,410	SF
3/3	2	17M	Mastic, black, from cellulose acoustical ceiling tile, 1' x 1', linear holes	460	SF
3/3	6	55	Floor tile and associated black mastic, black with brown streaks, 12" x 12"	15	SF
3/3	7	58**	Floor tile and associated mastic, tan with brown and white streaks, 9" x 9"	255	SF
3/3	9	58**	Floor tile and associated mastic, tan with brown and white streaks, 9" x 9"	182	SF
3/3	10	58**	Floor tile and associated mastic, tan with brown and white streaks, 9" x 9"	196	SF
3/3	10	61**	Floor tile and associated mastic, black (under tile # 58), size unknown	196	SF
3/3	12	53	Vibration joint, white fabric	12	EA
3/3	12	55	Floor tile and associated black mastic, black with brown streaks, 12" x 12"	7,185	SF
3/3	14	34	Pipe insulation and associated fittings, brown rolled paper, 4" O.D.	50	LF
3/3	14	137	Pipe insulation and associated fittings, Aircell, 8" O.D.	15	LF
3/3	14	33	Pipe insulation and associated fittings, white rolled paper, 4-6" O.D.	19	LF
3/3	14	67	Magnesium block insulation over cork on HVAC and ducts	407	SF
3/3	14	69	Pipe insulation and associated fittings, egg crate rolled paper, 3-4" O.D.	31	LF
3/3	15	33	Pipe insulation and associated fittings, white rolled paper, 2 1/2" O.D.	12	LF
3/3	15	34	Pipe insulation and associated fittings, brown rolled paper, 5" O.D.	12	LF
3/3	16	139	Pipe insulation and associated fittings, white rolled paper, 7" O.D.	4	LF
3/3	16	33	Pipe insulation and associated fittings, white rolled paper, 2 1/2 - 3" O.D.	40	LF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

\*\* Floor tile was sampled and determined to be positive by PLM. Insufficient mastic was present for sampling and has been included as ACM.

\*\*\* Items 88 and 92 - PLM results for floor tiles were negative. Since insufficient mastic was present for sampling, both the tile and the mastic have been included as ACM.

**TABLE 3.3.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 3**

<b>Bld/Fir</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
3/1	106	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	1,100	SF
3/1	111	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	3,680	SF
3/1	112	44M	Black mastic from floor tile and associated mastic, black, 9" x 9"	70	SF
3/1	123	99	Floor tile and associated black mastic, black with white specks, 12" x 12"	390	SF
3/1	130	268M	Black mastic from floor tile, light tan with white and grey thin streaks, 9" x 9"	200	SF
3/1	130	269M	Black mastic from floor tile, beige with thin white and grey streaks, 12" x 12"	110	SF
3/2	1	62M	Black mastic from floor tile, beige with brown streaks, 9" x 9"	13,960	SF
3/2	4	62M	Black mastic from floor tile, beige with brown streaks, 9" x 9"	5,280	SF
3/2	7	62M	Black mastic from floor tile, beige with brown streaks, 9" x 9"	380	SF
3/2	8	72M	Black mastic from floor tile, greenish with white and grey streaks, 9" x 9"	2,200	SF
3/2	9	72M	Black mastic from floor tile, greenish with white and grey streaks, 9" x 9"	183	SF
3/2	10	72M	Black mastic from floor tile, greenish with white and grey streaks, 9" x 9"	140	SF
3/2	11	72M	Black mastic from floor tile, greenish with white and grey streaks, 9" x 9"	140	SF
3/2	12	72M	Black mastic from floor tile, greenish with white and grey streaks, 9" x 9"	182	SF
3/2	37	82	Floor tile and associated black mastic, grey with white and grey streaks, 12" x 12"	750	SF
3/2	34	44M	Black mastic from floor tile and associated mastic, black, 9" x 9"	250	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.3.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 3**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100896- 076	100396 - 03 - 17 - 01	1' X 1' Ceiling Tiles - Linear Holes - Wood	0.0
100896- 077	100396 - 03 - 17M - 01	Black Mastic from 1' X 1' Ceiling Tiles - Linear Holes	2.3
100896- 078	100196 - 03 - 37 - 01	9" X 9" Floor Tile - Greenish Grey w/ large white and black streaks	4.8
100896- 079	010196 - 03 - 37M - 01	Black Mastic from 9" X 9" Floor Tile - Greenish Grey w/ large white and black streaks	3.8
100896- 080	010396 - 03 - 52 - 01	Dark Green Canvas Vibration Joint	0.0
100896- 081	010396 - 03 - 33 - 01	White Rolled Paper Pipe Insulation - 4" O.D. Pipe	52.3
100896- 082	010396 - 03 - 54 - 01	2' X 4' Acoustical Ceiling Tile, White Exterior with Cracks - Yellow Fiberglass	0.0
100896- 083	100396 - 03 - 53 - 01	White Fabric Vibration Joint	48.0
100896- 084	100396 - 03 - 62 - 01	9" x 9" Floor Tile - Beige with Brown Streaks	2.0
100896- 085	100396 - 03 - 62M - 01	Black Mastic from 9" x 9" Floor Tile - Beige with Brown Streaks	0.0
100896- 086	100396 - 03 - 56 - 01	Wall Plaster over Concrete	0.0
100896- 087	100396 - 03 - 56 - 02	Wall Plaster over Concrete	0.0
100896- 088	100396 - 03 - 63 - 01	2' X 4' Acoustical Ceiling Tile with 8 11" X 11" squares	0.0
100896- 089	100396 - 03 - 60 - 01	1' X 1' Wall Tile - Large and Small Polka Dots (Holes)	0.0
100896- 090	100396 - 03 - 51 - 01	1' X 1' Acoustical Ceiling Tile - White with Squiggly Lines and Dots	0.0
100896- 091	100396 - 03 - 51M - 01	Brown Mastic from 1' X 1' Acoustical Ceiling Tile - White with Squiggly Lines and Dots	0.0
100896- 092	100396 - 03 - 60M - 01	Brown Mastic from 1' X 1' Wall Tile - Large and Small Polka Dots (Holes)	0.0
100896- 093	100396 - 03 - 55 - 01	1' X 1' Floor Tile - Black with Brown Streaks	21.4
100896- 094	100396 - 03 - 55M - 01	Black Mastic from 1' X 1' Floor Tile - Black with Brown Streaks	8.8
100896- 095	100396 - 03 - 57 - 01	Yellow Gummy Carpet Mastic	0.0
100896- 096	100396 - 03 - 04 - 01	2' X 4' Acoustical Ceiling Tile - Mixed Hole Pattern	0.0
100896- 097	100396 - 03 - 58 - 01	9" X 9" Floor Tile - Tan with White and Brown Streaks	2.5
100896- 098	100396 - 03 - 61 - 01	Black Floor Tile under Tan Floor Tile	5.8
100896- 100	100396 - 03 - 59 - 01	1' X 1' White Ceiling Tile w/ Random Polka Dots (Holes)	0.0
102496- 101	100796 - 03 - 55 - 02	1' X 1' Floor Tile - Black with Brown Streaks	3.0
102496- 102	100796 - 03 - 55M - 02	Black Mastic from 1' X 1' Floor Tile - Black with Brown Streaks	2.2
102496- 103	100796 - 03 - 33 - 03	White Rolled Paper Pipe Insulation - 4" O.D.	n
102496- 104	100496 - 03 - 18 - 01	Pipe Insulation - Air Cell - 8" O.D. (gray)	42.9
102496- 105	100496 - 03 - 69 - 01	Pipe Insulation - Egg Crate Rolled Paper - 3-4" O.D.	52.6
102496- 106	100496 - 03 - 69 - 02	Pipe Insulation - Egg Crate Rolled Paper - 4" O.D.	n
102496- 107	100496 - 03 - 69 - 03	Pipe Insulation - Egg Crate Rolled Paper - 4" O.D.	n
102496- 108	100496 - 03 - 69 - 04	Pipe Insulation - Egg Crate Rolled Paper - 4" O.D. (white/gray)	n
102496- 109	100796 - 03 - 63 - 02	2' X 4' Acoustical Ceiling Tile with 8 11" X 11" squares (gray)	0.0
102496- 110	100796 - 03 - 63 - 03	2' X 4' Acoustical Ceiling Tile with 8 11" X 11" squares (gray)	0.0
102496- 111	100496 - 03 - 65 - 01	2' X 2' Ceiling Tile - Corduroy - Screwed onto Ceiling (gray w/white styrofoam)	0.0
102496- 112	100496 - 03 - 65 - 02	2' X 2' Ceiling Tile - Corduroy - Suspended (gray w/ white styrofoam)	0.0
102496- 113	100796 - 03 - 17 - 02	1' X 1' Ceiling Tiles - Linear Holes - Wood	0.0
102496- 114	100796 - 03 - 04 - 02	2' X 2' Acoustical Ceiling Tile - Mixed Hole Pattern (gray)	0.0
102496- 115	100796 - 03 - 57 - 02	Yellow Gummy Carpet Mastic (neon yellow green)	0.0
102496- 116	100796 - 03 - 71 - 01	1' X 1' Floor Tile - White with Grey Specks	0.0

**TABLE 3.3.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 3**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
102496-117	100796 - 03 - 71M - 01	Black Mastic from 1' X 1' Floor Tile - White with Grey Specks	15.7
102496-118	101696 - 03 - 56 - 03	Wall Plaster - three layers (white, gray and dark grey)	0.0
102496-119	101896 - 03 - 100 - 01	2' x 4' ACT White Paper Surface w/ Gray Dots (light brownish gray)	0.0
102496-120	100796 - 03 - 73 - 01	Baseboard Mastic - Brown, Brittle	0.0
102496-121	100496 - 03 - 50 - 01	Chiller Insulation - White Mineral Wool	0.0
102496-122	100496 - 03 - 67 - 01	Mag Block over Cork on HVAC and Ducts (white/gray)	54.5
102496-123	100496 - 03 - 68 - 01	Pipe Insulation - Chocolate/Charcoal Rolled Paper - 3" O.D.	0.0
102496-124	100496 - 03 - 70 - 01	Vibration Joint - White Fabric/Canvas	0.0
102496-125	100496 - 03 - 34 - 01	Pipe Insulation - Brown Rolled Paper - 4" O.D. (light brown)	54.9
102496-126	100496 - 03 - 33 - 02	White Rolled Paper Pipe Insulation - 5" O.D.	63.3
102496-127	101196 - 03 - 54 - 02	2' X 4' Acoustical Ceiling Tile, White Exterior with Cracks - Yellow Fiberglass	0.0
102496-128	101196 - 03 - 80 - 01	Miscellaneous Black Floor Tile - Suspected 9" X 9" (under another tile, redish composite)	2.7
102496-129	101196 - 03 - 78 - 01	12" X 12" Floor Tile - Cream with Black and Brown Swirls	2.0
102496-130	101196 - 03 - 78M - 01	Black Mastic from 12" X 12" Floor Tile - Cream with Black and Brown Swirls	2.2
102496-131	101196 - 03 - 79 - 01	12" X 12" Floor Tile - Beige with Brown Streaks and Blotches	1.5
102496-132	101196 - 03 - 79M - 01	Black Mastic from 12" X 12" Floor Tile - Beige with Brown Streaks and Blotches	1.5
102496-133	101196 - 03 - 12 - 01	Acoustical Ceiling Tile - 1' X 1' Hippy Holes (wood)	0.0
102496-134	101196 - 03 - 58 - 02	9" X 9" Floor Tile - Tan with Brown and White Streaks	1.2
102496-135	101196 - 03 - 81 - 01	9" X 9" Floor Tile - Tan with White Streaks	3.4
102496-136	101196 - 03 - 56 - 03	White Wall Plaster in Hallway (wood)	0.0
102496-137	101096 - 03 - 76 - 01	Green Carpet Mastic	0.0
102496-138	101096 - 03 - 75 - 01	Acoustical Ceiling Tile - 1' X 1' - White, 1 1/2" thick (Wood)	0.0
102496-139	101096 - 03 - 65 - 03	2' X 2' Ceiling Tile - Corduroy - Suspended (gray w/white styrofoam)	0.0
102496-140	101096 - 03 - 75M - 01	Dark Brown Mastic from 1' X 1' ACT - White, 1 1/2" thick (Wood, dark brown)	0.0
102496-141	101096 - 03 - 51M - 02	Caramel Mastic from 1' X 1' Acoustical Ceiling Tile - White with Squiggly Lines and Dots	0.0
102496-142	101196 - 03 - 77 - 01	9" X 9" Floor Tile - Dark Brown with Cream and Tan Streaks	2.2
102496-143	101096 - 03 - 74 - 01	12" X 12" Floor Tile - Black with White and Green Streaks	4.0
102496-144	101096 - 03 - 74M - 01	Black Mastic from 12" X 12" Floor Tile - Black with White and Green Streaks	2.2
102496-145	101096 - 03 - 33 - 04	Pipe Insulation - White Rolled Paper - 4" O.D.	n
102496-146	101496 - 03 - 82 - 01	12" X 12" Floor Tile - Grey with White and Grey Streaks	0.0
102496-147	101496 - 03 - 82M - 01	Black Mastic from 12" X 12" Floor Tile - Grey with White and Grey Streaks	0.0
102496-148	101496 - 03 - 86 - 01	12" X 12" Floor Tile - Tan with Small White and Black Streaks	0.0
102496-149	101496 - 03 - 86M - 01	Black Mastic from 12" X 12" Floor Tile - Tan with Small White and Black Streaks	2.4
102496-150	101496 - 03 - 89 - 01	12" X 12" Floor Tile - Tan with Cream Streaks	1.7
102496-151	101496 - 03 - 89M - 01	Black Mastic from 12" X 12" Floor Tile - Tan with Cream Streaks	1.4
102496-152	101496 - 03 - 92 - 01	12" X 12" Floor Tile - Sky Blue with Small White Streaks	0.0
102496-153	101496 - 03 - 91 - 01	Gypsum Fireproof Board (light brown)	0.0
102496-154	101496 - 03 - 83 - 01	Linoleum Floor - Tan with White and Black Streaks	3.6
102496-155	101496 - 03 - 84 - 01	9" X 9" Floor Tile - Burgundy with Tan Streaks	5.2
102496-156	101496 - 03 - 88 - 01	12" X 12" Floor Tile - Grey with Tiny Black and White Streaks	0.0

**TABLE 3.3.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 3**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
102496- 157	101496 - 03 - 93 - 01	12" X 12" Floor Tile - Black with White Streaks	2.5
102496- 158	101496 - 03 - 56 - 04	White Plaster on Concrete above Drop Ceiling (white)	0.0
102496- 159	101596 - 03 - 95 - 01	Pipe Insulation - Light Brown Rolled Paper, Bumpy, 4" O.D.	2.7
102496- 160	101896 - 03 - 10 - 01	Fabric Strapping wrapped around an electrical main (wax coating feel)	88.1
102496- 161	101696 - 03 - 97 - 01	2' x 4' ACT Nonlinear holes, bumpy surface (gray)	0.0
102496- 162	101696 - 03 - 34 - 02	8" OD PI - Brown Rolled Paper Wrap (cover material only)	36.3
102496- 163	101896 - 03 - 99M - 01	Black Mastic under Item #99	0.0
102496- 164	101896 - 03 - 13M - 02	Black Mastic under Item #13, sample 02	0.0
102496- 165	101896 - 03 - 56 - 05	Wall Plaster - Gray and white layers (1st floor, Bldg. 3, Space 121)	0.0
102496- 166	101896 - 03 - 13 - 02	12" x 12" Floor Tiles, Tan w/ Tan & White Chips (beige)	0.0
102496- 167	101896 - 03 - 99 - 01	12" x 12" Floor Tiles, Black w/ White Specks	0.0
102496- 168	101896 - 03 - 13 - 01	12" x 12" Floor Tiles, Tan w/ Tan & White Chips (pinkish)	0.0
102496- 169	101896 - 03 - 13M - 01	Black Mastic under Item #13, sample 01	0.0
102496- 171	101896 - 03 - 14 - 02	Gypsum Ceiling/Wall Board	0.0
102496- 172	101596 - 03 - 106 - 01	Coating on cork PI joint in Area 101, Building 3, First Floor	0.0
102496- 173	101696 - 03 - 14 - 01	Joint Compound and Sheetrock from Area 25, Building 3, Second Floor	0.0
102496- 174	102196 - 03 - 56 - 08	Wall/Ceiling Plaster - two layers (white and grey)	0.0
102496- 175	102196 - 03 - 56 - 09	Wall Plaster - three layers (white, grey and red)	0.0
102496- 180	102196 - 03 - 56 - 02	Wall Plaster - two layers (white and grey, third floor bathroom)	0.0
102496- 181	102196 - 03 - 56 - 07	Wall/Ceiling Plaster - three layers (white, grey, and dark grey)	0.0
102496- 182	102196 - 03 - 56 - 06	Wall/Ceiling Plaster	0.0
102496- 185	102196 - 03 - 102 - 01	Unknown Floor Tile (Reddish tile under exiting floor covering, description not clear)	5.7
102496- 186	102196 - 03 - 101 - 01	12" x 12" Floor tile, Beige w/small black streaks & large white spots	7.3
102496- 188	102196 - 03 - 101M - 01	Black Mastic under Item #101, sample 01	5.5
100397- 890	062097 - 03 - 269 - 101	12" x 12" FT Beige w/ thin white & grey streaks	2.2
100397- 891	062097 - 03 - 223 - 201	Yellow brittle carpet mastic	0.0
100397- 892	062097 - 03 - 194 - 201	Yellow dry & powdery carpet mastic	0.0
100397- 893	062097 - 03 - 73 - 201	Baseboard Mastic - brown, brittle (some joint compound attached)	0.0
100397- 894	062097 - 03 - 269M - 101	Black mastic for item # 269-101	0.0
100397- 895	062097 - 03 - 17M - 101	Brown thick mastic	4.3
100397- 896	062097 - 03 - 194 - 101	Greenish yellow dry & powdery carpet mastic on ribbed industrial carpet	0.0
100397- 897	062097 - 03 - 223 - 101	Yellow brittle carpet mastic - greenish tint	0.0
100397- 898	062097 - 03 - 128 - 101	leveling compound (white)	0.0
100397- 899	062097 - 03 - 222 - 101	Flexible light beige opaque baseboard mastic	0.0
100397- 900	062097 - 03 - 257M - 101	Black mastic for item # 257-101	3.3
100397- 901	062097 - 03 - 257 - 101	9" x 9" FT white w/ small black streaks	2.3
100397- 902	062097 - 03 - 268 - 101	9" x 9" FT Light Tan w/ white & grey thin streaks	1.9
100397- 903	062097 - 03 - 268M - 101	Black mastic for item # 268-101	<1.0
100397- 904	062097 - 03 - 73 - CU	Baseboard Mastic - brown, brittle on black 4: baseboard (Credit Union Off)	0.0
100397- 905	062097 - 03 - 46 - CU	Black mastic - FT Previously removed, mixed with clear carpet mastic	0.0

**TABLE 3.3.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 3**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 906	062097 - 03 - 235 - 01	Carpet mastic: brown and brittle	0.0
100397- 907	062097 - 03 - 242M - CU	Black mastic for item # 242-CU	2.6
100397- 908	062097 - 03 - 242 - CU	12" x 12" FT Clay red with ridges	2.3
100397- 909	062097 - 03 - 32 - TS40	Thin transite wall board	12.8
100397- 910	062097 - 03 - 158 - CU2	Baseboard mastic - light beige & brittle	0.0
100397- 911	062097 - 03 - 57 - CU2	Yellow carpet mastic (not gummy)	0.0
100397- 912	062097 - 03 - 166 - CU	2' x 2' ACT white bumpy surface random holes	0.0
102397- 934	102197 - 03 - 188 - CC	12" x 12" FT cream w/ linear brown streaks	2.3
102397- 935	102197 - 03 - 188M - CC	Mastic for 188-CC (102297-934)	1.5
102397- 936	102197 - 03 - 63 - EW	2' x 4' ACT w/ 8-11" x 11" squares	0.0
102397- 937	102197 - 03 - 239 - 01	2' x 2' ACT small & large holes w/ ridges and peaks	0.0
102397- 938	102197 - 03 - 278 - 01	Pink floor coating over concrete	27.5
111897- 1069	111797 - 03 - 196W - CC	Grout between ceramic tiles on wall of men's room, white	0.0
111897- 1070	111797 - 03 - 196F - CC	Grout between ceramic tiles on floor of men's room, dark grey	0.0
111897- 1071	111797 - 03 - 246 - 01	Residual carpet mastic, black	0.0
111897- 1072	111797 - 03 - 73 - CC	Baseboard mastic, brown, brittle	0.0
111897- 1073	111797 - 03 - 299 - CC	Pipe fitting insulation on 5" O.D. fiberglass insulated pipe, white	0.0
111897- 1074	111797 - 03 - 138 - CC	Pipe insulation, brown rolled paper, 8" O.D.	0.0
111897- 1075	111797 - 03 - 44 - 01	Floor tile, plain black, 9" x 9"	8.5
111897- 1076	111797 - 03 - 44M - 01	Black mastic from floor tile, plain black, 9" x 9" (sample 1075)	0.0
111897- 1077	111797 - 03 - 26 - CC	Acoustical ceiling tile, large cracks, 2' x 4'	0.0
111897- 1078	111797 - 03 - 129 - CC	Thin treatment on concrete floor, grey	0.0
111897- 1079	111797 - 03 - 129 - CC-2	Thin treatment on concrete floor, black with pinkish red interior	0.0
111897- 1080	111797 - 03 - 196 - HW	Grout between ceramic tiles of floor/lower wall of hallway, light grey	0.0
111897- 1081	111797 - 03 - 297 - 01	Chiller insulation, black tar over white powdery insulant	4.3
120497- 1082	100796 - 03 - 72 - 01	Floor tile, greenish with white and grey streaks, 9" x 9"	3.3
120497- 1083	100796 - 03 - 72M - 01	Black mastic from floor tile, greenish grey with white and grey streaks, 9" x 9"	0.0

**Notes:**

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

**Key:**


n = Sample not analyzed because another sample of same material yielded positive results.



126

102 = Area ID

SCALE IN FEET  
1" = 20'

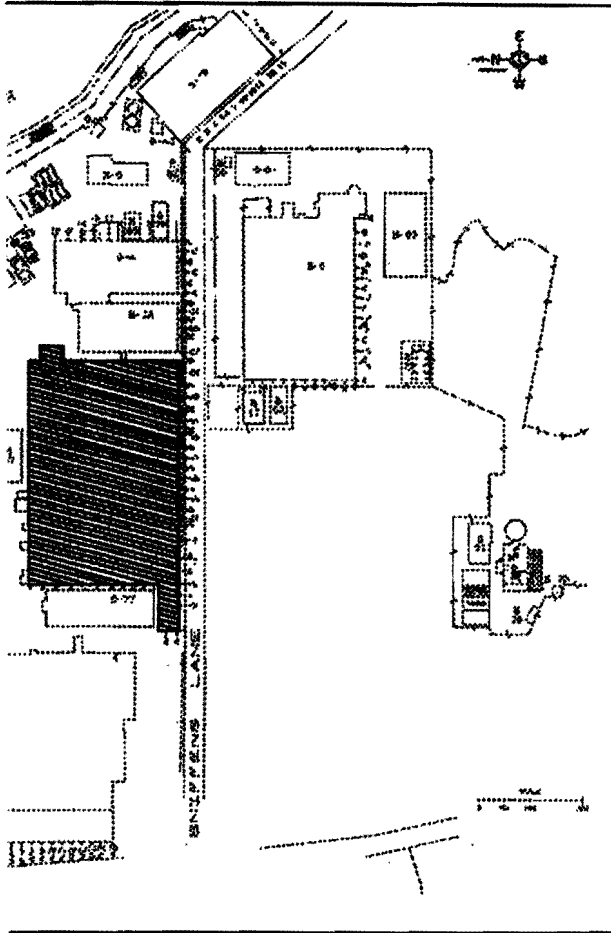
REV	DATE	DESCRIPTION	BY
 US Army Corps of Engineers		U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK	
STRATFORD ARMY ENGINE PLANT		STRATFORD, CT	
<b>ASBESTOS SURVEY REPORT</b>			
BUILDING 3, FIRST FLOOR SAMPLE AND AREA LOCATIONS			
<b>MALCOLM            PIRNIE</b>		FIGURE 3.3.1	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

A


C  
A  
D  
D

1

SCALE IN FEET  
1"=20'




ON MAP

REV	DATE	DESCRIPTION	BY
		 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b>	
		<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>	
		<b>BUILDING 3, SECOND FLOOR</b> <b>SAMPLE AND AREA LOCATIONS</b>	
		<b>MALCOLM PIRNIE</b>	<b>FIGURE</b> <b>3.3.2</b>
<b>SCALE: AS NOTED</b>		<b>DATE: DEC. 1997</b>	<b>SHEET</b>

A

C  
A  
D  
D

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 3, THIRD FLOOR</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM PIRNIE</b>			<b>FIGURE</b> <b>3.3.3</b>
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

A

C  
A  
D  
D

### **3.4 BUILDING 3A - ENGINEERING LABORATORIES**

Building 3A is a two-story, 30,517 square foot building. The building construction consists of wood supports, metal exterior walls, and a combination of concrete and wood floors. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.4.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 3A**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation and associated fittings, magnesium block, 3-5" O.D.	70	LF
5	Pipe fitting insulation on fiberglass insulated pipe, inaccessible, assumed positive	10	EA
18	Pipe insulation and associated fittings, Aircell, 3-5" O.D.	777	LF
32	Transite Wall Board	3,446	SF
34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	54	LF
41	Floor tile and associated mastic, black with large white streaks, 9" x 9"	380	SF
42	Floor tile, light grey with black and white streaks, 9" x 9"	2,102	SF
58	Floor tile and associated mastic, tan with brown and white streaks, 9" x 9"	12,288	SF
70	Vibration joint	5	EA
85	Floor tile and associated mastic, miscellaneous 9" x 9", assume positive	472	SF
104	Floor tile and associated black mastic, light grey with white streaks, 9" x 9"	420	SF
103*	Floor tile and associated black mastic, peach with small brown streaks, 12" x 12"	36	SF
87*	Floor tile and associated black mastic, dark grey with white streaks, 9" x 9"	1,752	SF
FD	Fire Doors	45	EA
Roof	Roofing Material	17,100	SF
WC	Window Caulking	200	LF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
42M	Black mastic from floor tile, light grey with black and white streaks, 9" x 9"	2,102	SF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible,

**TABLE 3.4.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 3A**

<b>Bld/Flr</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
3A/1	1	/ 87*	Floor tile and associated black mastic, dark grey with white streaks, 9" x 9"	/ 340	SF /
3A/1	1	/ 42	Floor tile, light grey with black and white streaks, 9" x 9"	/ 335	SF /
3A/1	1	/ 103*	Floor tile and associated black mastic, peach with small brown streaks, 12" x 12"	/ 36	SF /
3A/1	1	/ 18	Pipe insulation and associated fittings, Aircell, 5" O.D.	/ 60	LF /
3A/1	1	/ 32	Transite Wall Board	/ 200	SF /
3A/1	3	/ 87*	Floor tile and associated black mastic, dark grey with white streaks, 9" x 9"	/ 244	SF /
3A/1	3	/ 32	Transite Wall Board	/ 290	SF /
3A/1	3	18	Pipe insulation and associated fittings, Aircell, 5" O.D.	/ 52	LF /
3A/1	3	/ 1	Pipe insulation and associated fittings, magnesium block, 3" O.D.	/ 13	LF /
3A/1	4	/ 41	Floor tile and associated mastic, black with large white streaks, 9" x 9"	/ 380	SF /
3A/1	4	/ 1	Pipe insulation and associated fittings, magnesium block, 4" O.D.	/ 26	LF /
3A/1	4	/ 32	Transite Wall Board	/ 290	SF /
3A/1	5	/ 104	Floor tile and associated black mastic, light grey with white streaks, 9" x 9"	/ 420	SF
3A/1	5	/ 1	Pipe insulation and associated fittings, magnesium block, 4" O.D.	/ 8	LF /
3A/1	6	/ 87*	Floor tile and associated black mastic, dark grey with white streaks, 9" x 9"	/ 240	SF /
3A/1	6	/ 18	Pipe insulation and associated fittings, Aircell, 3-5" O.D.	/ 45	LF /
3A/1	6	/ 1	Pipe insulation and associated fittings, magnesium block, 3" O.D.	/ 2	LF /
3A/1	7	/ 42	Floor tile, light grey with black and white streaks, 9" x 9"	/ 256	SF
3A/1	7	/ 18	Pipe insulation and associated fittings, Aircell, 3-5" O.D.	/ 48	LF
3A/1	7	/ 5	Pipe fitting insulation on fiberglass insulated pipe, inaccessible, assumed positive	/ 10	EA
3A/1	7	/ 1	Pipe insulation and associated fittings, magnesium block, 5" O.D.	/ 1	LF
3A/1	7	/ 70	Vibration joint	/ 2	EA
3A/1	7	/ 32	Transite Wall Board	/ 244	SF
3A/1	8	/ 42	Floor tile, light grey with black and white streaks, 9" x 9"	/ 190	SF
3A/1	8	/ 32	Transite Wall Board	/ 80	SF
3A/1	8	/ 1	Pipe insulation and associated fittings, magnesium block, 5" O.D.	/ 20	LF
3A/1	8	/ 18	Pipe insulation and associated fittings, Aircell, 3" O.D.	/ 22	LF
3A/1	9	/ 42	Floor tile, light grey with black and white streaks, 9" x 9"	/ 100	SF
3A/1	9	/ 32	Transite Wall Board	/ 430	SF
3A/1	10	/ 42	Floor tile, light grey with black and white streaks, 9" x 9"	/ 293	SF
3A/1	10	/ 34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	/ 30	LF
3A/1	10	/ 32	Transite Wall Board	/ 632	SF
3A/1	11	/ 34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	/ 22	LF

**TABLE 3.4.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 3A**

Bld/Fir	Area #	Item #	Material Description	Quantity	Units
3A/1	11	/ 32	Transite Wall Board	/ 560	SF
3A/1	12	/ 32	Transite Wall Board	/ 650	SF
3A/1	12	/ 18	Pipe insulation and associated fittings, Aircell, 3-5" O.D.	/ 56	LF
3A/1	13	/ 87*	Floor tile and associated black mastic, dark grey with white streaks, 9" x 9"	/ 928	SF
3A/1	13	/ 42	Floor tile, light grey with black and white streaks, 9" x 9"	/ 928	SF
3A/1	13	/ 18	Pipe insulation and associated fittings, Aircell, 5" O.D.	/ 104	LF
3A/1	13	/ 70	Vibration joint	/ 2	EA
3A/1	S1	/ 85	Floor tile and associated mastic, miscellaneous 9" x 9", assume positive	/ 75	SF
3A/1	S2	/ 85	Floor tile and associated mastic, miscellaneous 9" x 9", assume positive	/ 75	SF
3A/1	14	/ 18	Pipe insulation and associated fittings, Aircell, 4-5" O.D.	/ 300	LF
3A/1	15	/ 32	Transite Wall Board	/ 70	SF
3A/1	15	/ 34	Pipe insulation, brown rolled paper, 3" O.D.	/ 2	LF
3A/1	15	/ 70	Vibration joint	/ 1	EA
3A/1	15	/ 18	Pipe insulation and associated fittings, Aircell, 3-4" O.D.	/ 20	LF
3A/2	1	/ 18	Pipe insulation and associated fittings, Aircell, 4" O.D.	/ 70	LF
3A/2	1	/ 85	Floor tile and associated mastic, miscellaneous 9" x 9", assume positive	/ 322	SF
3A/2	2	/ 58	Floor tile and associated mastic, tan with brown and white streaks, 9" x 9"	/ 12,288	SF
3A	---	FD	Fire Doors	/ 45	EA
3A	---	Roof	Roofing Material	/ 17,100	SF
3A	---	WC	Window Caulking	/ 200	LF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

**TABLE 3.4.3**  
**INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**  
**BUILDING 3A**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
3A/1	1	42M	Black mastic from floor tile, light grey with black and white streaks, 9" x 9"	335	SF
3A/1	7	42M	Black mastic from floor tile, light grey with black and white streaks, 9" x 9"	256	SF
3A/1	8	42M	Black mastic from floor tile, light grey with black and white streaks, 9" x 9"	190	SF
3A/1	9	42M	Black mastic from floor tile, light grey with black and white streaks, 9" x 9"	100	SF
3A/1	10	42M	Black mastic from floor tile, light grey with black and white streaks, 9" x 9"	293	SF
3A/1	13	42M	Black mastic from floor tile, light grey with black and white streaks, 9" x 9"	928	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy



**TABLE 3.4.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 3A**

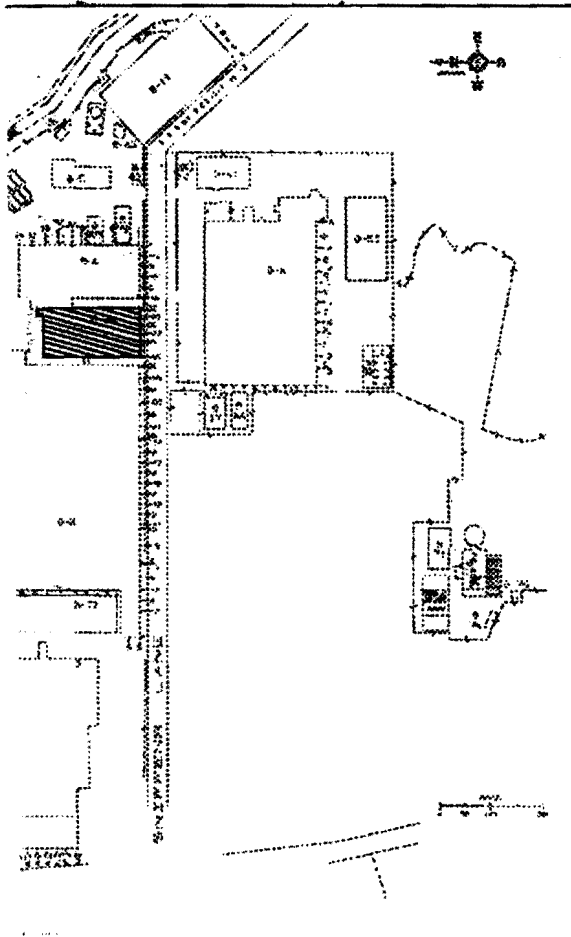
Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
102496- 177	102296 - 3A - 26 - 01	2' x 4' ACT, Large Cracks pattern (grey)	0.0
102496- 178	102296 - 3A - 18 - 01	Aircell PI, 5" OD	43.3
102496- 179	102296 - 3A - 04 - 01	2' x 4' ACT, Mixed Hole Pattern (grey)	0.0
102496- 183	102296 - 3A - 105 - 01	2' x 4' ACT, Small Rice Crispies & Pin Holes Pattern	0.0
102496- 184	102296 - 3A - 32 - 01	Transite Wall Board (thin and painted)	25.5
102496- 187	102296 - 3A - 103 - 01	12" x 12" Floor tile, Peach w/small brown streaks	0.0
102496- 189	102296 - 3A - 103M - 01	Black Mastic under Item #103, sample 01	1.2
103096- 191	102596 - 3A - 14 - 01	Gypsum Wall Board - White	0.0
060297- 323	- 3A - ROOF -	Built-up roofing material - Building 3A	0.0
110497- 956	102296 - 3A - 87 - 01	Floor tile, dark grey with white streaks, 9" x 9"	<1.0
110497- 957	102296 - 3A - 87M - 01	Black mastic from item 87	1.8
110497- 958	102296 - 3A - 104 - 01	Floor tile, light grey with white streaks, 9" x 9"	2.2
110497- 959	102296 - 3A - 104M - 01	Black mastic from item 104	4.7
110497- 960	102296 - 3A - 42 - 01	Floor tile, light grey with black and white streaks, 9" x 9"	2.0
110497- 961	102296 - 3A - 42M - 01	Black mastic from item 42	0.0
110497- 962	102296 - 3A - 41 - 01	Floor tile, black with large white streaks, 9" x 9"	2.7
110497- 963	102296 - 3A - 41M - 01	Mastic from item 41	2.3
110497- 964	102296 - 3A - 58 - 01	Floor tile, tan with brown and white streaks, 9" x 9"	3.2
110497- 965	102296 - 3A - 58M - 01	Mastic from item 58	5.4
111897- 1047	111797 - 3A - 179 - 01	Non-fibrous mag insulation on large boiler (grey)	0.0
100896- 1048	111797 - 3A - 300 - 01	Pipe fitting insulation, white cementitious, on 12" O.D. fiberglass insulated pipe	0.0
100896- 1049	111797 - 3A - 299 - 01	Pipe fitting insulation, white cementitious, on 3" O.D. fiberglass insulated pipe	0.0

Notes:


(1) Results are based upon Polarized Light Microscopy (PLM) analysis.

SCALE IN FEET

1/8"=1'-0"



MAP

REV	DATE	DESCRIPTION	BY
 U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK			
STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT			
BUILDING 3A SAMPLE AND AREA LOCATIONS			A
<b>MALCOLM PIRNIE</b>		FIGURE 3.4.1	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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**3.5 BUILDING 4 - STORES, A.G.T.**  
**REPAIR & S.S.E.**

Building 4 is a one-story, 26,013 square foot building constructed of concrete floors, steel supports, and metal exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.5.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 4**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

Item #	Material Description	Quantity	Units
11	Pipe insulation and associated fittings, magnesium block, 12" O.D.	270	LF
18	Pipe insulation and associated fittings, Aircell, 5" O.D.	190	LF
107	Floor tile and associated mastic, mint green with white and dark green specks, 9" x 9"	528	SF
295	Floor tile and associated mastic, light olive green with white streaks, 9" x 9", assumed positive	5	SF
FD	Fire Doors	25	EA
Roof	Roofing Material	26,013	SF
WC	Window Caulking	250	LF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

Item #	Material Description	Quantity	Units
62	Floor tile and associated mastic, tan with brown streaks, 9" x 9"	210	SF
108	Floor tile and associated mastic, peach/beige with black and white streaks, 9" x 9"	25	SF
109	Floor tile and associated mastic, light grey with grey and white chips, 12" x 12"	288	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.5.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 4**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
4	1	107	Floor tile and associated mastic, mint green with white and dark green specks, 9" x 9"	152	SF
4	2	107	Floor tile and associated mastic, mint green with white and dark green specks, 9" x 9"	220	SF
4	3	107	Floor tile and associated mastic, mint green with white and dark green specks, 9" x 9"	156	SF
4	3	295	Floor tile and associated mastic, light olive green with white streaks, 9" x 9", assumed positive	5	SF
4	9	18	Pipe insulation and associated fittings, Aircell, 5" O.D.	190	LF
4	9	11	Pipe insulation and associated fittings, magnesium block, 12" O.D.	270	LF
4	---	FD	Fire Doors	25	EA
4	---	Roof	Roofing Material	26,013	SF
4	---	WC	Window Caulking	250	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**TABLE 3.5.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 4**

<b>Bld/Flr</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
4	3	108	Floor tile and associated mastic, peach/beige with black and white streaks, 9" x 9"	15	SF
4	4	62	Floor tile and associated mastic, tan with brown streaks, 9" x 9"	210	SF
4	4	108	Floor tile and associated mastic, peach/beige with black and white streaks, 9" x 9"	10	SF
4	7	109	Floor tile and associated mastic, light grey with grey and white chips, 12" x 12"	288	SF

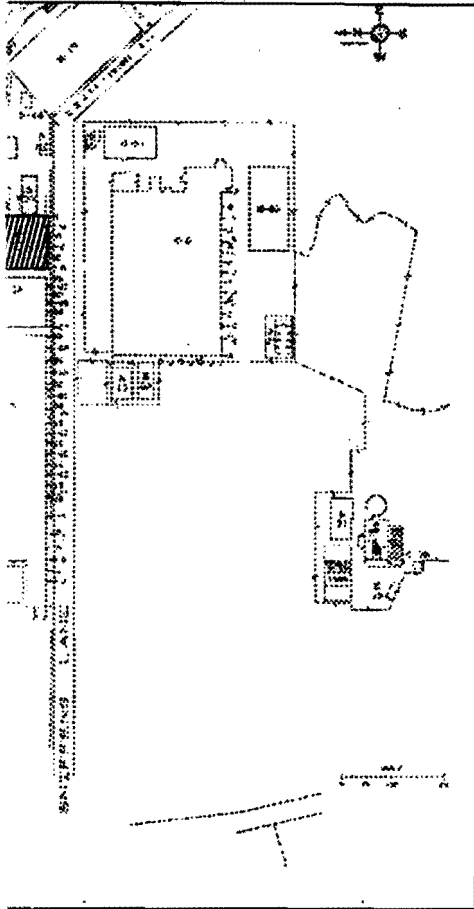
**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter


ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

SCALE IN FEET  
1/8"=1'-0"



AP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINE DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 4 SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		<p>FIGURE 3.5.1</p>	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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### **3.6 BUILDING 5 - FUEL SYSTEM TEST**

Building 5 is a one-story, 5,363 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.



**TABLE 3.6.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 5**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	878	LF
10	Fabric strapping	6	LF
18	Pipe insulation, Aircell, 2-6" O.D.	3	LF
53	Vibration joints, white fabric	2	EA
136	Pipe insulation and associated fittings, magnesium block, 8" O.D.	12	LF
FD	Fire Doors	6	EA
Roof	Roofing Material	5,363	SF
WC	Window Caulking	350	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

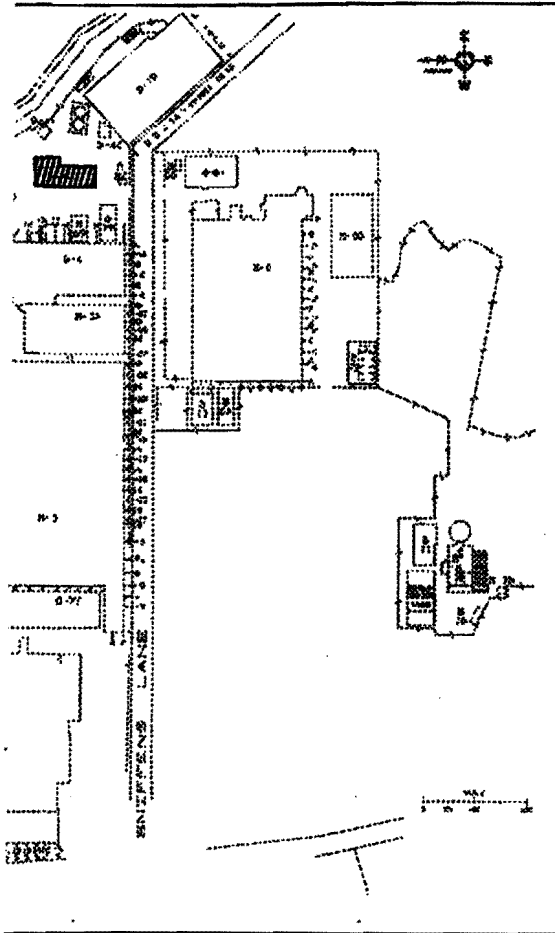
**TABLE 3.6.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 5**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
5	1	1	Pipe insulation and associated fittings, magnesium block, 2-6" O.D.	30	LF
5	2	1	Pipe insulation and associated fittings, magnesium block, 2-6" O.D.	100	LF
5	3	136	Pipe insulation and associated fittings, magnesium block, 8" O.D.	12	LF
5	3	1	Pipe insulation and associated fittings, magnesium block, 4-6" O.D.	160	LF
5	4	1	Pipe insulation and associated fittings, magnesium block, 5" O.D.	40	LF
5	5	1	Pipe insulation and associated fittings, magnesium block, 5" O.D.	45	LF
5	6	1	Pipe insulation and associated fittings, magnesium block, 3-4" O.D.	30	LF
5	6	53	Vibration joints, white fabric	2	EA
5	7	1	Pipe insulation and associated fittings, magnesium block, 4" O.D.	35	LF
5	8	1	Pipe insulation and associated fittings, magnesium block, 3-4" O.D.	15	LF
5	9	1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	200	LF
5	10	1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	50	LF
5	11	1	Pipe insulation and associated fittings, magnesium block, 3-4" O.D.	13	LF
5	12	1	Pipe insulation and associated fittings, magnesium block, 3-5" O.D.	160	LF
5	5A	10	Fabric strapping	3	LF
5	5B	18	Pipe insulation, Aircell, 2-6" O.D.	3	LF
5	5C	10	Fabric strapping	3	LF
5	---	Roof	Roofing Material	5,363	SF
5	---	WC	Window caulking	350	LF
5	---	FD	Fire Doors	6	EA


Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

(APPROXIMATE)



IN MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT			
ASBESTOS SURVEY REPORT			
BUILDING 5			
SAMPLE AND AREA LOCATIONS			
<b>MALCOLM PIRNIE</b>		FIGURE	3.6.1
SCALE: AS NOTED	DATE: DEC. 1997	SHEET	

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**3.7 BUILDING 6 - ENGINE  
ENVIRONMENTAL & COMPONENT  
TEST**

Building 6 is a two-story, 107,496 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. The first floor of the building is comprised of mostly manufacturing space while the second floor consists of office space. Roofing consists of a new rubberized roof membrane over tar and felt built-up roofing material.

**TABLE 3.7.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 6**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	✓ 1,106	LF
5	Pipe fitting insulation	✓ 78	EA
6	Pipe fitting insulation over foam	✓ 279	SF
7	Pipe fitting insulation (magnesium block) on 16-18" O.D. pipe	✓ 316	SF
8	Paper pipe covering (1.5' x 30')	✓ 150	SF
10	Fabric strapping (2" wide) on one valve	✓ 20	LF
11	Pipe insulation, magnesium block, 16" O.D.	✓ 74	SF
18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	✓ 554	LF
20	Floor tile, green, 9" x 9"	✓ 560	SF
24	Steam heat exchanger, 18" O.D.	✓ 50	SF
27	Floor tile, green with dark green and white streaks, 12" x 12"	✓ 1,200	SF
30	Pink magnesium block wall insulation	✓ 450	SF
32	Transite wall board	✓ 1,829	SF
33	Pipe insulation and associated fittings, white rolled paper, 4-5" O.D.	✓ 26	LF
34	Pipe insulation and associated fittings, brown rolled paper, 5" O.D.	✓ 42	LF
36	Floor tile, black with large white and teal streaks, 9" x 9", and associated mastic	✓ 482	SF
37	Floor tile, greenish-grey with white and black streaks, 9" x 9"	✓ 1,860	SF
41	Floor tile and associated mastic, black with white streaks, 9" x 9"	✓ 45	SF
42	Floor tile, light grey with numerous black and white streaks, 9" x 9"	✓ 550	SF
44	Floor tile and associated mastic, black, 9" x 9", assumed positive	✓ 54	SF
45	Floor tile, dark grey with black and white streaks, 9" x 9"	✓ 1,344	SF
46	Residual black mastic, floor tile previously removed	✓ 1,000	SF
90	Pipe insulation and associated fittings, Aircell (inaccessible, assumed)	✓ 50	LF
136	Pipe insulation and associated fittings, magnesium block, 8" O.D.	✓ 41	LF
139	Pipe insulation and associated fittings, white rolled paper, 8" O.D.	✓ 31	LF
273	Black tar on pipe fitting insulation, 8" O.D.	✓ 4	EA
273	Black tar on pipe fitting insulation and pipe fittings insulation ends (large fittings >11")	✓ 800	SF
290	Pipe insulation, steel wrap, 8" O.D., inaccessible	✓ 100	LF
301	Acoustical ceiling tile, glued on, linear holes, 1' x 1', grey interior, contaminated	✓ 790	SF
FD	Fire Doors	160	EA
Roof	Roofing Material	72,650	SF
WC	Window Caulking	4,000	LF

**TABLE 3.7.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 6**

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

Item #	Material Description	Quantity	Units
13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	20,884	SF
15	Floor tile and associated black mastic, black, 12" x 12"	288	SF
25	Floor tile and associated black mastic, black with small white streaks, 12" x 12"	411	SF
20M	Black mastic from floor tile, green, 9" x 9"	560	SF
27M	Black mastic from floor tile, green with dark green and white streaks, 12" x 12"	1,200	SF
37M	Black mastic from floor tile, greenish-grey with white and black streaks, 9" x 9"	1,860	SF
42M	Black mastic from floor tile, light grey with numerous black and white streaks, 9" x 9"	550	SF
45M	Black mastic from floor tile, dark grey with black and white streaks, 9" x 9"	1,344	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.7.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 6**

<b>Bld/Fir</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
6/1	1	1	Pipe insulation and associated fittings, magnesium block, 6" O.D.	700	LF
6/1	1	5	Pipe fitting insulation on steam supply	56	EA
6/1	1	6	Pipe fitting insulation over foam	216	SF
6/1	1	7	Pipe fittings insulation, solid, 18" O.D. pipe	252	SF
6/1	1	8	Paper pipe covering (1.5' x 30')	150	SF
6/1	1	10	Fabric strapping (2" wide) on one valve	20	LF
6/1	1	11	Pipe insulation and associated fittings, magnesium block, 16" O.D.	68	LF
6/1	15	1	Pipe insulation and associated fittings, magnesium block, 4" O.D.	48	LF
6/1	15	18	Pipe insulation and associated fittings, Aircell, 4" O.D.	48	LF
6/1	16	18	Pipe insulation and associated fittings, Aircell, 6" O.D.	25	LF
6/1	17A	18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	30	LF
6/1	17B	90	Pipe insulation and associated fittings, Aircell (inaccessible, assumed)	50	LF
6/1	19	18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	40	LF
6/1	20	1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	100	LF
6/1	21	1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	150	LF
6/1	22	18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	85	LF
6/1	23	18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	75	LF
6/1	24	18	Pipe insulation and associated fittings, Aircell, 3-6" O.D.	85	LF
6/1	26	24	Steam heat exchanger, 18" O.D.	50	SF
6/1	51	18	Pipe insulation and associated fittings, Aircell, 3-6" O.D. (including debris above drop ceiling)	150	LF
6/1	51	301	Acoustical ceiling tile, glued on, linear holes, 1' x 1', grey interior, contaminated	790	SF
6/1	51	20	Floor tile, green, 9" x 9"	10	SF
6/1	51	32	Transite wall board, thin	85	SF
6/1	52	20	Floor tile, green, 9" x 9"	20	SF
6/1	54	5	Pipe fitting insulation	1	EA
6/1	57	27	Floor tile, green with dark green and white streaks, 12" x 12"	1,200	SF
6/1	58	6	Pipe fitting insulation (magnesium block) over foam	63	SF
6/1	58	11	Pipe insulation, magnesium block, 16" O.D.	3	LF
6/1	65	11	Pipe insulation, magnesium block, 16" O.D.	3	LF
6/1	65	7	Pipe fitting insulation (magnesium block) on 16" O.D. pipe	64	SF
6/1	68	30	Pink magnesium block wall insulation	450	SF
6/1	69A	32	Transite wall board (thick)	200	SF
6/1	77	32	Transite wall board (thin)	1,400	SF
6/1	77A	32	Transite wall board (thin)	144	SF

**TABLE 3.7.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 6**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
6/1	79	5	Pipe fitting insulation on <3" O.D. pipe	16	EA
6/1	80	5	Pipe fitting insulation on <3" O.D. pipe	5	EA
6/1	85	1	Pipe insulation and associated fittings, magnesium block, 4-6" O.D.	108	LF
6/1	85	18	Pipe insulation and associated fittings, Aircell, 4" O.D.	16	LF
6/2	101	139	Pipe insulation and associated fittings, white rolled paper, 8" O.D.	31	LF
6/2	101	20	Floor tile, green, 9" x 9"	530	SF
6/2	101	136	Pipe insulation and associated fittings, magnesium block, 8" O.D.	18	LF
6/2	102	136	Pipe insulation and associated fittings, magnesium block, 8" O.D.	17	LF
6/2	103	33	Pipe insulation and associated fittings, white rolled paper, 4-5" O.D.	26	LF
6/2	103	136	Pipe insulation and associated fittings, magnesium block, 8" O.D.	6	LF
6/2	103	34	Pipe insulation and associated fittings, brown rolled paper, 5" O.D.	42	LF
6/2	111	36	Floor tile, black with large white and teal streaks, 9" x 9", and associated mastic	420	SF
6/2	111	37	Floor tile, greenish-grey with white and black streaks, 9" x 9"	105	SF
6/2	112	37	Floor tile, greenish-grey with white and black streaks, 9" x 9"	700	SF
6/2	112	41	Floor tile and associated mastic, black with white streaks, 9" x 9"	45	SF
6/2	113	42	Floor tile, light grey with numerous black and white streaks, 9" x 9"	550	SF
6/2	114	37	Floor tile, greenish-grey with white and black streaks, 9" x 9"	575	SF
6/2	115	37	Floor tile, greenish-grey with white and black streaks, 9" x 9"	480	SF
6/2	116A	44	Floor tile and associated mastic, black, 9" x 9", assumed positive	54	SF
6/2	118	36	Floor tile, black with large white and teal streaks, 9" x 9", and associated mastic	62	SF
6/2	120	45	Floor tile, dark grey with black and white streaks, 9" x 9"	1,344	SF
6/2	121	46	Residual black mastic, floor tile previously removed	1,000	SF
6	---	FD	Fire Doors	160	EA
6	---	Roof	Roofing Material	72,650	SF
6	---	WC	Window Caulking	4,000	LF
6	OUT	273	Black tar on pipe fitting insulation and pipe fittings insulation ends (large fittings >11")	380	SF
6	OUT	273	Black tar on pipe fitting insulation, 8" O.D.	4	EA
6	OUT	290	Pipe insulation, steel wrap, 8" O.D., inaccessible	100	LF
6	CT	273	Black tar on pipe fitting insulation and pipe fittings insulation ends (large fittings >11")	420	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

OUT = Outdoor piping

CT = Cooling tower across from Building 6



**TABLE 3.7.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 6**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
6/1	4A	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	140	SF
6/1	7	15	Floor tile and associated black mastic, black, 12" x 12"	288	SF
6/1	9	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	464	SF
6/1	49	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	200	SF
6/1	51	20M	Black mastic from floor tile, green, 9" x 9"	10	SF
6/1	52	20M	Black mastic from floor tile, green, 9" x 9"	20	SF
6/1	53	25	Floor tile and associated black mastic, black with small white streaks, 12" x 12"	285	SF
6/1	55	25	Floor tile and associated black mastic, black with small white streaks, 12" x 12"	126	SF
6/1	57	27M	Black mastic from floor tile, green with dark green and white streaks, 12" x 12"	1,200	SF
6/2	101	20M	Black mastic from floor tile, green, 9" x 9"	530	SF
6/2	110	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	20,000	SF
6/2	111	37M	Black mastic from floor tile, greenish-grey with white and black streaks, 9" x 9"	105	SF
6/2	112	37M	Black mastic from floor tile, greenish-grey with white and black streaks, 9" x 9"	700	SF
6/2	113	42M	Black mastic from floor tile, light grey with numerous black and white streaks, 9" x 9"	550	SF
6/2	114	37M	Black mastic from floor tile, greenish-grey with white and black streaks, 9" x 9"	575	SF
6/2	115	37M	Black mastic from floor tile, greenish-grey with white and black streaks, 9" x 9"	480	SF
6/2	120	45M	Black mastic from floor tile, dark grey with black and white streaks, 9" x 9"	1,344	SF
6/2	S1	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	80	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.7.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 6**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100896- 009	092596 - 06 - 26 - 02	2' X 4' Acoustical Ceiling Tile, Large Cracks (Grey interior)	0.0
100896- 010	092396 - 06 - 18 - 01	Paper/Air Cell Pipe Insulation	58.4
100896- 011	092696 - 06 - 38 - 01	1' X 1' Ceiling Tile - White w/ 3 rows of slots (Wood)	0.0
100896- 012	092596 - 06 - 04 - 01	2' X 4' Acoustical Ceiling Tile, Mixed Hole Pattern (Grey interior)	0.0
100896- 013	092596 - 06 - 04 - 02	2' X 4' Acoustical Ceiling Tile, Mixed Hole Pattern (Grey interior)	0.0
100896- 014	091996 - 06 - 05 - 01	Pipe Fitting Insulation (Mag Block)	51.9
100896- 015	091996 - 06 - 01 - 01	Mag Block Pipe Insulation - 6" O.D.	56.8
100896- 016	091996 - 06 - 07 - 01	Pipe Fitting Insulation on Large Pipe (Mag Block)	0.0
100896- 017	092396 - 06 - 14 - 01	Gypsum Ceiling Board	0.0
100896- 018	092396 - 06 - 23 - 01	Mag Block Pipe Insulation with Fiberglass	0.0
100896- 019	092496 - 06 - 26 - 01	2' X 4' Acoustical Ceiling Tile, Large Cracks (Off White)	0.0
100896- 020	092396 - 06 - 22 - 01	Fitting Cement on Fiberglass Joints	0.0
100896- 021	092496 - 06 - 30 - 01	Pink Mag Block Wall Insulation	46.1
100896- 022	092596 - 06 - 31 - 01	4' O.D. Pipe with 2" pink insulant (Mag Block)	0.0
100896- 023	092696 - 06 - 139 - 01	Pipe Insulation - White Rolled Paper - 8" O.D.	48.7
100896- 024	091996 - 06 - 06 - 01	Pipe Fitting Insulation over Foam - 1.5' O.D. Pipe (Mag Block)	50.0
100896- 025	091996 - 06 - 01 - 02	Mag Block Pipe Insulation	42.3
100896- 026	092096 - 06 - 09 - 01	Non-fibrous Mag Pipe Insulation on 5" O.D. Pipe (White Powder)	0.0
100896- 027	092096 - 06 - 08 - 01	Paper Pipe Covering	45.9
100896- 028	092696 - 06 - 12 - 01	2' X 4' Acoustical Ceiling Tile, Hippy Holes Pattern (Grey interior)	0.0
100896- 029	092696 - 06 - 40 - 01	Smooth Surface Panel as Ceiling Tile (dimensions vary) (Wood)	0.0
100896- 030	091996 - 06 - 07 - 02	Pipe Fitting Insulation over Fiberglass (Mag Block)	0.0
100896- 031	092696 - 06 - 34 - 01	Brown Rolled Paper Pipe Insulation - 5" O.D. Pipe	0.0
100896- 032	092796 - 06 - FD - 01	Fire Door Core Insulation (Mag Block)	37.0
100896- 033	092096 - 06 - 11 - 01	Mag Block Pipe Insulation, 12" O.D.	36.9
100896- 034	092396 - 06 - 16 - 01	Baseboard Mastic - Tan, Gummy	0.0
100896- 035	092396 - 06 - 17 - 01	Acoustical Ceiling Tile - 1' X 1' Glued on, some linear holes w/ brown mastic (Grey interior)	2.2
100896- 036	092396 - 06 - 17 - 02	Acoustical Ceiling Tile - 1' X 1' Glued on, some linear holes w/ brown mastic (Wood)	n
100896- 037	092696 - 06 - 43 - 01	Rough Surface Panel as Ceiling Tile (dimensions vary) (wood)	0.0
100896- 038	092696 - 06 - 39 - 01	1' X 1' Ceiling Tile - Plain White (wood)	0.0
100896- 039	092396 - 06 - 19 - 01	Black Residual Mastic on Floor	0.0
100896- 040	092596 - 06 - 32 - 02	Transite Wall Board (thick)	0.0
100896- 041	092696 - 06 - 46 - 01	Black Mastic - Floor Tile Previously Removed	4.2
100896- 042	092596 - 06 - 32 - 01	Transite Wall Board (thin)	38.5
100896- 043	092496 - 06 - 28 - 01	2' X 2' Computer Room Floor Tile - White with Brown Squiggles	0.0
100896- 044	092496 - 06 - 29 - 01	2' X 2' Computer Room Floor Tile - Light Beige with Small Grid	0.0
100896- 045	092396 - 06 - 20 - 01	9" X 9" Green Floor Tile	2.7

**TABLE 3.7.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 6**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100896- 046	092696 - 06 - 20M - 01	Black Mastic from 9" X 9" Green Floor Tile	0.0
100896- 047	092696 - 06 - 20 - 02	9" X 9" Green Floor Tile	n
100896- 048	092496 - 06 - 27 - 01	12" X 12" Floor Tile - Green with Dark Green and White Streaks	2
100896- 049	092496 - 06 - 27M - 01	Black Mastic from 12" X 12" Floor Tile - Green with Dark Green and White Streaks	0.0
100896- 050	092696 - 06 - 36 - 01	9" X 9" Floor Tile - Black with Large White and Teal Streaks	3.2
100896- 051	092696 - 06 - 36M - 01	Black Mastic from 9" X 9" Floor Tile - Black with Large White and Teal Streaks	4.2
100896- 052	092396 - 06 - 17M - 01	Brown Ceiling Tile Mastic from 1' X 1' Acoustical Ceiling Tile (some linear holes) (olive brown)	0.0
100896- 053	092396 - 06 - 17M - 02	Brown Ceiling Tile Mastic from 1' X 1' Acoustical Ceiling Tile (some linear holes) (dark brown)	0.0
100896- 054	092696 - 06 - 37 - 01	9" X 9" Floor Tile - Greenish Grey w/ large white and black streaks	9.5
100896- 055	092696 - 06 - 37M - 01	Black Mastic from 9" X 9" Floor Tile - Greenish Grey w/ large white and black streaks	0.0
100896- 056	092396 - 06 - 15 - 01	12" X 12" Black Floor Tile	0.0
100896- 057	092396 - 06 - 15M - 01	Black Mastic from 12" X 12" Black Floor Tile	0.0
100896- 058	092696 - 06 - 45 - 01	9" X 9" Floor Tile - Dark Grey w/ white and black streaks	2.9
100896- 059	092696 - 06 - 45M - 01	Black Mastic from 9" X 9" Floor Tile - Dark Grey w/ white and black streaks	0.0
100896- 060	092496 - 06 - 25 - 01	12" X 12" Black Floor Tile with Small White Streaks	0.0
100896- 061	092496 - 06 - 25M - 01	Black Mastic from 12" X 12" Black Floor Tile with Small White Streaks	<1.0
100896- 062	092696 - 06 - 42 - 01	9" X 9" Floor Tile - Light Grey w/ numerous white and black streaks	4.9
100896- 063	092696 - 06 - 42M - 01	Black Mastic from 9" X 9" Floor Tile - Light Grey w/ numerous white and black streaks	0.0
100896- 064	092396 - 06 - 13 - 01	12" X 12" Floor Tile - Tan with Tan & White Chips	0.0
100896- 065	092396 - 06 - 13M - 01	Black Mastic from 12" X 12" Floor Tile - Tan with Tan & White Chips	0.0
100896- 066	092696 - 06 - 13 - 02	12" X 12" Floor Tile - Tan with Tan & White Chips	0.0
100896- 067	092696 - 06 - 13M - 02	Black Mastic from 12" X 12" Floor Tile - Tan with Tan & White Chips	0.0
100896- 068	092696 - 06 - 41 - 01	9" X 9" Floor Tile - Black with White Streaks	2.5
100896- 069	092696 - 06 - 41M - 01	Black Mastic from 9" X 9" Floor Tile - Black with White Streaks	1.9
100896- 099	092696 - 06 - 35 - 01	White Sealant on HVAC Systems (on seams and holes)	0.0
102496- 170	092596 - 06 - 22 - 02	Fitting Cement on FG Joints	0.0
102496- 190	092596 - 06 - 22 - 03	Fitting Cement on FG Joints	0.0
102397- 939	102197 - 06 - 273 01	Black tar coating on outdoor piping elbow (foam insulation)	2.0
102397- 940	102197 - 06 - 274 01	10" OD PI - Blue mag block	0.0
102397- 941	102197 - 06 - 276 01	PFI on 12" OD FG PI	0.0
102397- 942	102197 - CT - 273 01	Black tar coating on outdoor piping elbow - Cooling tower outside of bldg	1.8
110497- 970	110397 - 06 - 283 - 01	Silver wrapping with paper-like layer and threads (around foam @ upper room [R-8])	0.0
110497- 971	110397 - 06 - 280 - 01	White Cementitious Caulking around window (older layer) [B-1]	3.9
110497- 972	110397 - 06 - 282 - 01	White chewy window caulking (newer layer) [B-1]	2.2
110497- 973	110397 - 06 - 281 - 01	Plaster-like white window caulking [C-1]	0.0
110497- 974	110397 - 06 - 284 - 01	Black flexible caulking (along perimeter of top section of panes - 1/4" W, CK6-4)	0.0
110497- 975	110397 - 06 - 285 - 01	Light grey flexible caulking - w/ outer dirty grey look around glass, 1/8" W (CK6-5)	0.0

**TABLE 3.7.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 6**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
110497- 976	110397 - 06 - 285 - 02	Light olive grey flexible caulking - along bottom of panes, 1" W (CK6-6)	0.0
110497- 977	110397 - 06 - 285 - 03	Off-white flexible caulking - around door (CK6-7)	0.0
110497- 978	110397 - 06 - 286 - 01	Black soft gasket on indoor testcell windows (CK6-8)	0.0
110497- 979	110397 - 06 - 282 - 02	White chewy window caulking - inside, around window in steel pane, 24 windows (CK-9)	0.0
110497- 980	110397 - 06 - 287 - 01	Black window caulking with a grey inner layer - 1 window only, 16"x20" (CK6-9B)	11.7
110497- 981	110397 - 06 - 285 - 04	Light grey flexible caulking on windows (residual older #280 is present but not sampled)	0.0
110497- 982	110397 - 06 - 288 - 01	Yellowish chewy caulking around door - 3 sides of 46" x 86" (CK6-11)	4.3
110497- 983	110397 - 06 - 280 - 02	White Cementitious Caulking around window - 3 sides, 44x31 ea (CK6-12)	n
110497- 990	110397 - 06 - 280 - 03	Yellow cementitious interior caulking on the side of window - 2nd Floor, exterior is white, doors have similar caulking as well (CK6-13)	n
111397- 1039	110697 - 06 - 17G - 01	Acoustical ceiling tile, 1'x1', grey interior, held with mastic	0.0
111397- 1040	110697 - 06 - 17G - 02	Acoustical ceiling tile, 1'x1', grey interior, held with mastic	0.0
111397- 1041	110697 - 06 - 196 - 01	Grout under ceramic tiles	0.0
111397- 1042	110697 - 06 - 186 - 01	Grey coating on floor	0.0
111397- 1043	110697 - 06 - 32 - 03	Transite wall board, thin	11.5
111397- 1044	110697 - 06 - 32 - 04	Transite wall board, thick	23.8
111397- 1045	110697 - 06 - 34 - 02	Pipe insulation, brown rolled paper, 5" O.D.	9.5
111897- 1060	111797 - 06 07 - 03	Pipe fitting insulation, 18" O.D.	38.6
111897- 1061	111797 - 06 129 - 01	Thin treatment on concrete floor, light grey	0.0
111897- 1062	111797 - 06 294 - CT	Cementitious pipe fitting insulation end	0.0
111897- 1063	111797 - 06 296 - 01	Red/orange material on roof, clay-like, with fibers	0.0

**Notes:**

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

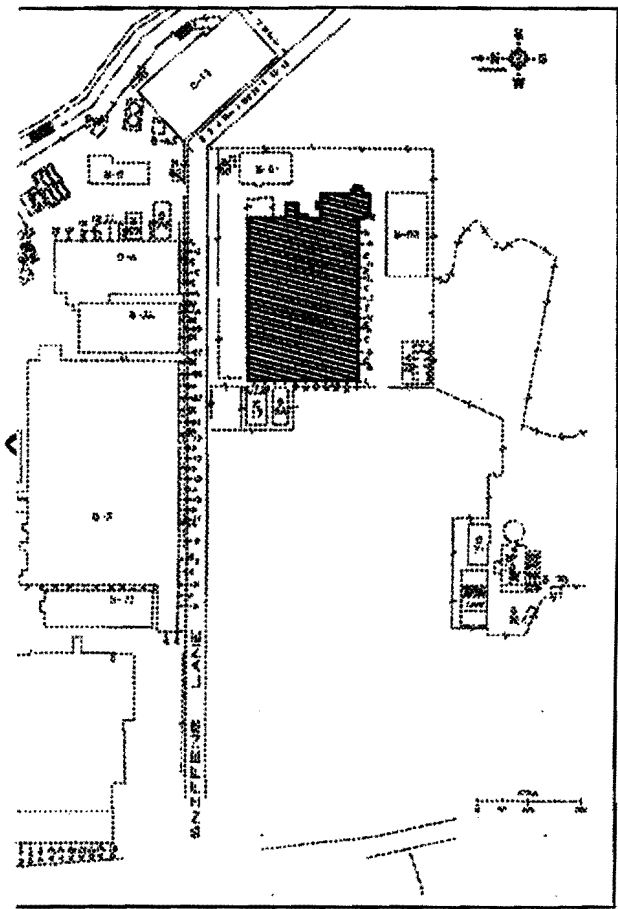
**Key:**

n = Sample not analyzed because another sample of same material yielded positive results.




SCALE IN FEET

1"=16'



ON MAP

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 6, FIRST FLOOR SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM PIRNIE</b>		<b>FIGURE</b> 3.7.1	
<b>SCALE: AS NOTED</b>		<b>DATE: DEC. 1997</b>	<b>SHEET</b>

A

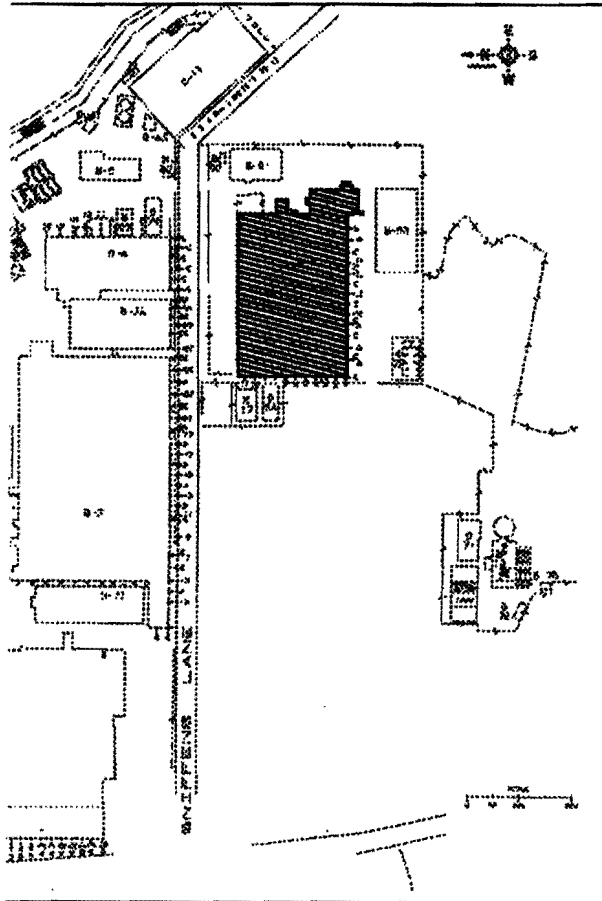
C  
A  
D  
D

1




SCALE IN FEET

1"=16'



ON MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</p> <p>ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 6, MEZZANINE SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		<p>FIGURE</p> <p>3.7.2</p>	
<p>SCALE: AS NOTED</p>		<p>DATE: DEC. 1997</p>	<p>SHEET</p>

A

C  
A  
D  
D

**3.8 BUILDING 6A - ENGINE  
MECHANICAL COMPONENT TEST**

Building 6A is a one-story, 2,183 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.8.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 6A**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	485	LF
33	Pipe insulation and associated fittings, white rolled paper, 6" O.D.	70	LF
49	Pipe insulation and associated fittings, magnesium block, pink, 7-8" O.D.	34	LF
136	Pipe insulation and associated fittings, magnesium block, 7-8" O.D.	155	LF
273	Black tar on elbows and pipe seams (<12" O.D.)	20	EA
FD	Fire Doors	17	EA
Roof	Roofing Material	2,183	SF
WC	Window Caulking	250	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter



**TABLE 3.8.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 6A**

<b>Bld/Fir</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
6A	1	33	Pipe insulation and associated fittings, white rolled paper, 6" O.D.	70	LF
6A	1	1	Pipe insulation and associated fittings, magnesium block, 4" O.D.	40	LF
6A	2	1	Pipe insulation and associated fittings, magnesium block, 3-4" O.D.	75	LF
6A	3	1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	50	LF
6A	3	136	Pipe insulation and associated fittings, magnesium block, 7-8" O.D.	100	LF
6A	3	49	Pipe insulation and associated fittings, magnesium block, pink, 7-8" O.D.	20	LF
6A	4	49	Pipe insulation and associated fittings, magnesium block, pink, 8" O.D.	14	LF
6A	4	136	Pipe insulation and associated fittings, magnesium block, 7" O.D.	55	LF
6A	5	1	Pipe insulation and associated fittings, magnesium block, 3-4" O.D.	75	LF
6A	6	1	Pipe insulation and associated fittings, magnesium block, 4-5" O.D.	75	LF
6A	---	FD	Fire Doors	17	EA
6A	---	Roof	Roofing Material	2,183	SF
6A	---	WC	Window Caulking	250	LF
6A	OUT	1	Pipe insulation and associated fittings, magnesium block, 4" O.D.	170	LF
6A	OUT	273	Black tar on elbows and pipe seams (<12" O.D.)	20	EA

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

OUT = Outdoor piping

**TABLE 3.8.3  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 6A**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100896- 070	092796 - 6A - 33 - 01	White Rolled Paper on 6" O.D. Pipe	44.2
100896- 071	092796 - 6A - 01 - 01	Mag Block Pipe Insulation on 4" O.D. Pipe	45.6
100896- 072	100196 - 6A - 47 - 01	2' - 3' Silver Insulation Jacket (on pipe) (white fiberglass)	0
100896- 073	100196 - 6A - 48 - 01	Orange/Black Speckled Floor Covering - Surfacing	0
100896- 074	100196 - 6A - 49 - 01	Pink Mag Block Pipe Insulation - 7" - 8" O.D.	54.7
100896- 075	100196 - 6A - 50 - 01	White Mineral Wool Pipe Fitting Insulation	0
102397- 943	102197 - 6A - 273 - 01	Black tar coating on outdoor piping elbow	1.8
102397- 944	102197 - 6A - 276 - 01	PFI on 12" OD FG PI	0.0
110497- 984	110397 - 6A - 285 - 01	Off-white flexible caulking around 40" x 40" vent	0.0
111397- 1024	110697 - 6A - 299 - 01	Pipe fitting insulation on 4" O.D. fiberglass insulated pipe	0.0
111397- 1025	110697 - 6A - 299 - 02	Pipe fitting insulation on 3-4" O.D. magnesium block insulated pipe	0.0
111397- 1026	110697 - 6A - 49 - 02	Pipe insulation, pink magnesium block, fibrous and powdery, 8" O.D.	28.8
111397- 1027	110697 - 6A - 195 - 01	Adhesive under ceramic tiles, orange	0.0
111397- 1028	110697 - 6A - 196 - 01	Grout between ceramic tiles, brown, sticky	0.0
111397- 1029	110697 - 6A - 293 - 01	Pipe fitting insulation on 8" O.D. PI (pink insulant) (PFI is white)	35.1
111397- 1030	110697 - 6A - 136 - 01	Pipe insulation, magnesium block, 7" O.D. - white	35.6
111397- 1031	110697 - 6A - 01 - 02	Pipe insulation, magnesium block, 4" O.D. - white	37.1
111397- 1032	110697 - 6A - 01 - 03	Pipe insulation, magnesium block, 4" O.D. - white	n
111397- 1033	110697 - 6A - 01 - 04	Pipe insulation, magnesium block, 4" O.D. - white	n

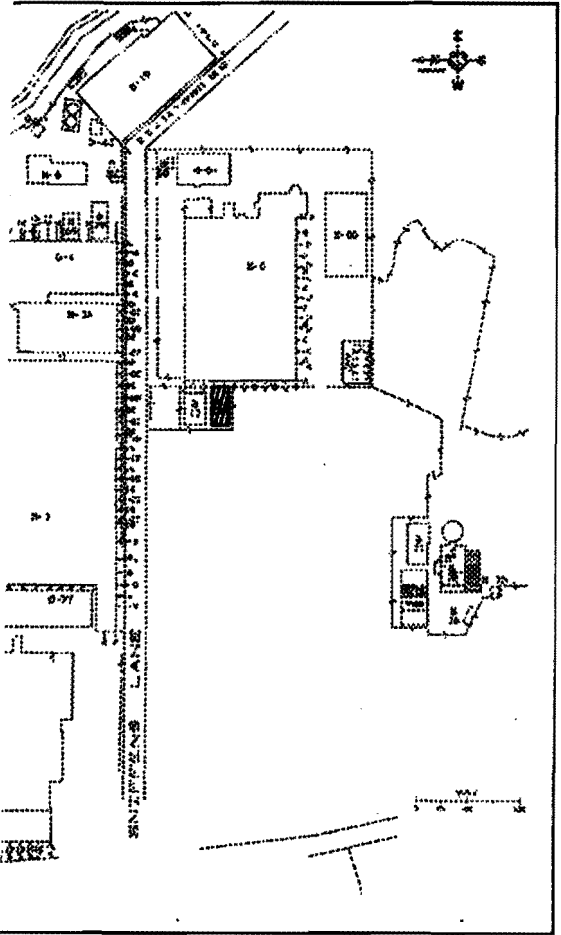
**Notes:**

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.


**Key:**

n = Sample not analyzed because another sample of same material yielded positive results.

(APPROXIMATE)



IN MAP

REV	DATE	DESCRIPTION	BY
 US Army Corps of Engineers			
U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK			
STRATFORD ARMY ENGINE PLANT		STRATFORD, CT	
ASBESTOS SURVEY REPORT			
BUILDING 6A SAMPLE AND AREA LOCATIONS			
<b>MALCOLM PIRNIE</b>		FIGURE	3.8.1
SCALE: AS NOTED	DATE: DEC. 1997	SHEET	

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### **3.9 BUILDING 7 - ENGINE FUEL SYSTEM TEST**

Building 7 is a one-story, 3,652 square foot building constructed of concrete floors, steel supports, and metal exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.9.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 7**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	240	LF
5	Pipe fitting insulation on 3-6" O.D. fiberglass insulated pipe	12	EA
18	Pipe insulation and associated fittings, Aircell, 6" O.D.	24	LF
FD	Fire Doors	11	EA
Roof	Roofing Material	3,652	SF
WC	Window Caulking	50	LF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
113	Floor tile and associated black mastic, brown with black and white streaks, 12" x 12" (Area 2)	620	SF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.9.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 7**

<b>Bld/Fir</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
7	1	1	Pipe insulation and associated fittings, magnesium block, 5" O.D.	160	LF
7	1	5	Pipe fitting insulation on 3-6" O.D. fiberglass insulated pipe	12	EA
7	2	18	Pipe insulation and associated fittings, Aircell, 6" O.D.	24	LF
7	2	1	Pipe insulation and associated fittings, magnesium block, 3-6" O.D.	80	LF
7	---	WC	Window Caulking	50	LF
7	---	Roof	Roofing Material	3,652	SF
7	---	FD	Fire doors	11	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

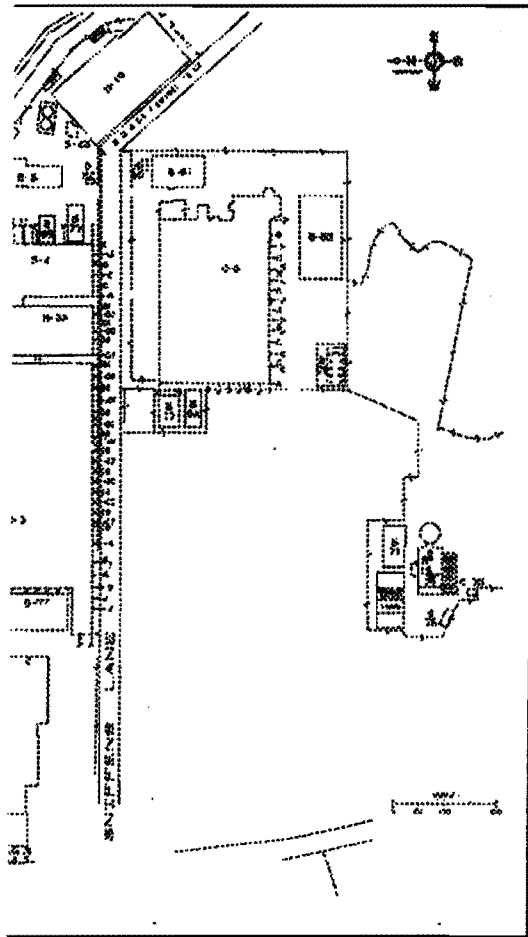
**TABLE 3.9.3  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 7**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 283	051397 - 07 - 01 - 01	Pipe insulation, magnesium block, 5" O.D.	54.8
060297- 284	051397 - 07 - 05 - 01	PFI on 3-6" O.D. fiberglass insulated pipe	11.0
060297- 285	051397 - 07 - 141 - 01	Window caulking	4.4
060297- 286	051397 - 07 - 113 - 01	12" x 12" floor tile, brown with black and white streaks	0.0
060297- 287	051397 - 07 - 113M - 01	Black mastic from 12" x 12" floor tile, brown with black and white streaks	0.0


Notes:

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.

1/8"=1'-0"  
(APPROXIMATE)



MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 7 SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		<p>FIGURE 3.9.1</p>	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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**3.10 BUILDING 7A - ENGINE FUEL  
SYSTEM TEST**

Building 7A is a one-story, 3,050 square foot building constructed of concrete floors, steel supports, and metal exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.10.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 7A**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

Item #	Material Description	Quantity	Units
1	Pipe insulation and associated fittings, magnesium block, 4-6" O.D.	72	LF
5	Pipe fitting insulation on 6" O.D. fiberglass insulated pipe	6	EA
143	Floor tile, mint green with white and green streaks, 9" x 9"	1,080	SF
FD	Fire Doors	15	EA
Roof	Roofing Material	3,050	SF
WC	Window Caulking	50	LF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

Item #	Material Description	Quantity	Units
143M	Black mastic from 9" x 9" floor tile, mint green with white and green streaks (Area 3)	1,080	SF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.10.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 7A**

<b>Bld/Fir</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
7A	1	1	Pipe insulation and associated fittings, magnesium block, 4-5" O.D.	30	LF
7A	1	5	Pipe fitting insulation on 6" O.D. fiberglass insulated pipe	6	EA
7A	2	1	Pipe insulation and associated fittings, magnesium block, 6" O.D.	24	LF
7A	3	1	Pipe insulation and associated fittings, magnesium block, 6" O.D.	18	LF
7A	3	143	Floor tile, mint green with white and green streaks, 9" x 9"	1,080	SF
7A	---	FD	Fire Doors	15	EA
7A	---	Roof	Roofing Material	3,050	SF
7A	---	WC	Window Caulking	50	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

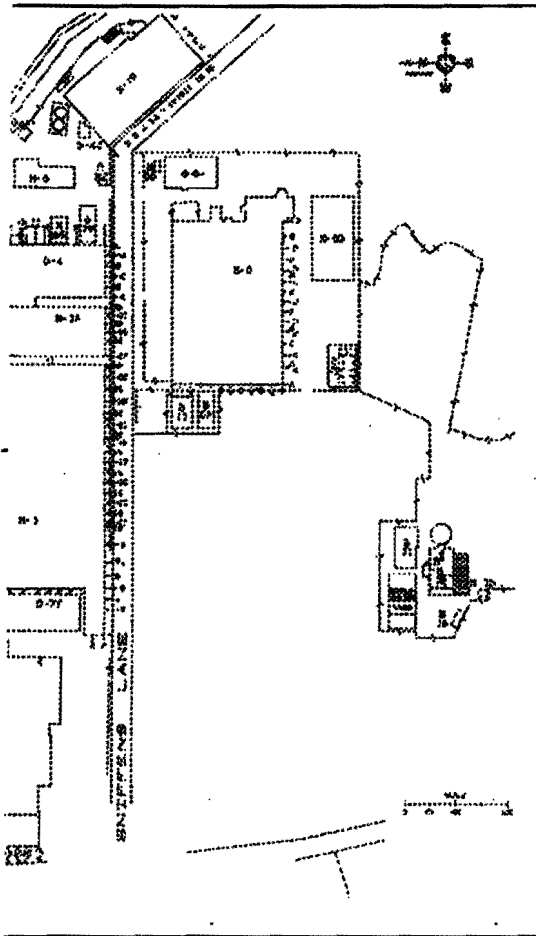
**TABLE 3.10.3  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 7A**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 279	051397 - 7A - 143 - 01	9" X 9" Floor tile - Mint green with white and green streaks	18.9
060297- 280	051397 - 7A - 143M - 01	Black Mastic from 9" X 9" Floor tile - Mint green with white and green streaks	0.0
060297- 281	051397 - 7A - 26 - 01	2' x 4' ACT - Large cracks	0.0
060297- 282	051397 - 7A - 05 - 01	PFI on 6" O.D. fiberglass pipe	42.8


**Notes:**

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.

1/8"=1'-0"  
(APPROXIMATE)



MAP

REV	DATE	DESCRIPTION	BY
 <p><b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b></p>			
<p><b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b></p>			
<p><b>BUILDING 7A</b> <b>SAMPLE AND AREA LOCATIONS</b></p>			
<p><b>MALCOLM PIRNIE</b></p>		<p>FIGURE 3:10.1</p>	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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### **3.11 BUILDING 8 - VOLATILE STORAGE**

Building 8 is a one-story, 1,869 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.11.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 8**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	50	LF
Roof	Roofing Material	1,869	SF
FD	Fire doors	5	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

### **3.12 BUILDING 9 - AUTOMOTIVE MAINTENANCE**

Building 9 is a one-story, 12,754 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.



**TABLE 3.12.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 9**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	250	LF
Roof	Roofing Material	12,754	SF
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

### **3.13 BUILDING 10 - RECUPERATOR** **MANUFACTURE**

Building 10 is a one-story, 44,361 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material. Associated with Building 10 is a 1,372 square foot shed constructed of concrete floors and steel supports.

**TABLE 3.13.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 10**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation and fittings, magnesium block, 2-3" O.D.	63	LF
5	Pipe fitting insulation, magnesium block, 2-4" O.D.	10	EA
7	Pipe fitting insulation, magnesium block, 15" O.D.	45	SF
10	Fabric strapping around electrical feeds - assumed positive	6	LF
34	Pipe insulation and fittings, brown rolled paper, 2-6" O.D.	110	LF
56	Plaster, inaccessible upper wall - assumed positive	2,750	SF
143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9" - assumed positive	5	SF
193	Ceiling plaster & lathe	1,600	SF
221	Pipe insulation and fittings, magnesium block, 1" O.D.	5	EA
260	White paper and associated mastic laid on inner ceiling	2,150	SF
276	Pipe fitting insulation, magnesium block, 10-12" O.D.	2	EA
302	Debris, piece of aircell insulation	3	SF
FD	Fire Doors	35	EA
Roof	Roofing Material	44,361	SF
WC	Window Caulking	250	LF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
13	Floor tiles and associated mastic, tan w/ tan & white chips, 12" x 12"	1,198	SF
92	Floor tiles and associated mastic, sky blue w/ small white streaks, 12" x 12"	650	SF
107	Floor tiles and associated mastic, mint green w/ white specks + dark green specks, 9" x 9"	30	SF
113	Floor tiles and associated mastic, brown w/ B/W streaks, 12" x 12"	30	SF
163	Floor tiles and associated mastic, periwinkle blue w/ blue + white chips, 12" x 12"	350	SF
304	Floor tiles and associated mastic, peach with white, gray, and orange small streaks, 12" x 12"	280	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.13.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 10**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
10	3	1	Pipe insulation and fittings, magnesium block, 2.5" O.D.	45	LF
10	6	7	Pipe fitting insulation, magnesium block, 15" O.D.	45	SF
10	6	56	Plaster, inaccessible upper wall - assumed positive	250	SF
10	7	5	Pipe fitting insulation, magnesium block, 4" O.D.	1	EA
10	7	56	Plaster, inaccessible upper wall - assumed positive	2,500	SF
10	9	34	Pipe insulation and fittings, brown rolled paper, 6" O.D.	17	LF
10	9	221	Pipe insulation and fittings, magnesium block, 1" O.D.	5	EA
10	9	276	Pipe fitting insulation, magnesium block, 10" O.D.	1	EA
10	10	1	Pipe insulation and fittings, magnesium block, 3" O.D.	18	LF
10	10	5	Pipe fitting insulation, magnesium block, 2" O.D.	9	EA
10	10	34	Pipe insulation and fittings, brown rolled paper, 6" O.D.	81	LF
10	10	34	Pipe insulation and fittings, brown rolled paper, 2.5" O.D.	12	LF
10	10	143	Floor tiles, mint green w/ white + dark green streaks, 9" x 9" - assumed positive	5	SF
10	10	193	Ceiling plaster & lathe	1,600	SF
10	10	260	White paper and associated mastic laid on inner ceiling	2,150	SF
10	10	276	Pipe fitting insulation, magnesium block, 12" O.D.	1	EA
10	10	302	Debris, piece of aircell insulation	3	SF
10	11	10	Fabric strapping around electrical feeds - assumed positive	6	LF
10	---	FD	Fire Doors	35	EA
10	---	Roof	Roofing Material	44,361	SF
10	---	WC	Window caulking	250	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**TABLE 3.13.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 10**

<b>Bld/Flr</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
10	1	163	Floor tiles and associated mastic, periwinkle blue w/ blue + white chips, 12" x 12"	350	SF
10	8	13	Floor tiles and associated mastic, tan w/ tan & white chips, 12" x 12"	470	SF
10	9	13	Floor tiles and associated mastic, tan w/ tan & white chips, 12" x 12"	78	SF
10	10	13	Floor tiles and associated mastic, tan w/ tan & white chips, 12" x 12"	650	SF
10	10	92	Floor tiles and associated mastic, sky blue w/ small white streaks, 12" x 12"	650	SF
10	10	107	Floor tiles and associated mastic, mint green w/ white specks + dark green specks, 9" x 9"	30	SF
10	10	113	Floor tiles and associated mastic, brown w/ B/W streaks, 12" x 12"	30	SF
10	10	304	Floor tiles and associated mastic, peach with white, gray, and orange small streaks, 12" x 12"	280	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy


**TABLE 3.13.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 10**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100397- 631	061897 - 10 - 222 - 01	Beige mastic from brown 4" baseboard with some joint compound and baseboard cut in	0.0
100397- 632	061897 - 10 - 196 - 02	Grey floor tile grout	0.0
100397- 633	061897 - 10 - 196 - 01	White wall tile grout	0.0
100397- 880	061897 - 10 - 33 - 01	6" OD PI - rolled paper wrap (white) (about first 6 layers)	0.0
100397- 881	061897 - 10 - 260 - 01	White paper laid on inner ceiling - above framework of plaster ceiling	48.0
100397- 882	061897 - 10 - 260M - 01	Dark brown/black mastic for Item 260-01	2.5
100397- 883	061897 - 10 - 13M - 01	Black mastic over thick red paint in Electrical switching gear room for Item 13-01	0.0
100397- 884	061897 - 10 - 13 - 01	Floor Tiles, 12 x 12, Tan w/ Tan & White Chips in Elec switching gear room	0.0
100397- 885	061897 - 10 - 193 - 01	Ceiling plaster & lathe in Elec switching gear room	0.0
100397- 886	061897 - 10 - 200 - 01	Beige smooth baseboard mastic under 4" tan baseboard	0.0
100397- 887	061897 - 10 - 57 - 01	Yellow gummy carpet mastic mixed with black #19 under blue carpet	0.0
100397- 888	061897 - 10 - 134 - 01	Black carpet with white threads backing, pattern is raised horizontal slots	0.0
100397- 889	061897 - 10 - 194 - 01	Neon white yellow dry & powdery carpet mastic from black carpet	0.0
120497- 1090	120497 - 10 - 26 - 01	light grey cellulose	0.0
120497- 1091	120497 - 10 - 305 - 01	Cyan flexible insulation 1/8" thick from outdoor tank	0.0
120497- 1092	120497 - 10 - 159 - 01	2' x 4' ACT, Brownish light grey cellulose interior	0.0
120497- 1093	120497 - 10 - 304 - 01	Floor tile, 12x12 Peach w/ white, grey, and orange small streaks	0.0
120497- 1094	120497 - 10 - 304M - 01	Black mastic from floor tile, peach with white, grey, and orange small streaks, 12" x 12"	0.0
120497- 1095	120497 - 10 - 193 - 02	Ceiling Plaster	1.5
120497- 1096	120497 - 10 - 193 - 03	Ceiling Plaster	1.8

Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

3/32"=1'-0"

REV	DATE	DESCRIPTION	BY
 US Army Corps of Engineers			
U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK			
STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT			
BUILDING 10 SAMPLE AND AREA LOCATIONS			
<b>MALCOLM PIRNIE</b>		FIGURE	3.13.1
SCALE: AS NOTED	DATE: DEC. 1997	SHEET	

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**3.14 BUILDING 12 - MAINTENANCE**  
**DEPARTMENT**

Building 12 is a one-story, 24,911 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of a new rubberized roof membrane.



**TABLE 3.14.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 12**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation and fittings, magnesium block, 3-6" O.D.	295	LF
11	Pipe insulation and fittings, magnesium block, 12" O.D.	18	LF
18	Pipe insulation and fittings, Aircell, 4" O.D.	242	LF
136	Pipe insulation and fittings, magnesium block, 8" O.D.	104	LF
137	Pipe insulation and fittings, Aircell, 8" O.D.	42	LF
FD	Fire Doors	22	EA
Roof	Roofing Material	24,911	SF
WC	Window Caulking	1,500	LF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
13	Floor tiles and associated mastic, tan w/ tan & white chips, 12" x 12"	624	SF
163	Floor tiles and associated mastic, periwinkle blue w/ blue + white chips, 12" x 12"	1,821	SF
184	Floor tiles and associated mastic, sea foam green with blotches, 12" x 12" FT	470	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.14.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 12**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
12	1	18	Pipe insulation and fittings, Aircell, 3-6" O.D.	142	LF
12	2	137	Pipe insulation and fittings, Aircell, 8" O.D.	17	LF
12	2	1	Pipe insulation and fittings, magnesium block, 3-5" O.D.	160	LF
12	2	18	Pipe insulation and fittings, Aircell, 3-6" O.D.	95	LF
12	3	1	Pipe insulation and fittings, magnesium block, 5" O.D.	80	LF
12	4	1	Pipe insulation and fittings, magnesium block, 5" O.D.	5	LF
12	4	136	Pipe insulation and fittings, magnesium block, 8" O.D.	30	LF
12	4	11	Pipe insulation and fittings, magnesium block, 12" O.D.	4	LF
12	5	11	Pipe insulation and fittings, magnesium block, 12" O.D.	4	LF
12	5	1	Pipe insulation and fittings, magnesium block, 5-6" O.D.	50	LF
12	5	136	Pipe insulation and fittings, magnesium block, 8" O.D.	65	LF
12	6	136	Pipe insulation and fittings, magnesium block, 8" O.D.	9	LF
12	6	137	Pipe insulation and fittings, Aircell, 8" O.D.	25	LF
12	6	18	Pipe insulation and fittings, Aircell, 4" O.D.	5	LF
12	6	11	Pipe insulation and fittings, magnesium block, 12" O.D.	10	LF
12	---	FD	Fire Doors	22	EA
12	---	Roof	Roofing Material	24,911	SF
12	---	WC	Window Caulking	1,500	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**TABLE 3.14.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 12**

<b>Bld/Flr</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
12	5	163	Floor tiles and associated mastic, periwinkle blue w/ blue + white chips, 12" x 12"	766	SF
12	5	13	Floor tiles and associated mastic, tan w/ tan & white chips, 12" x 12"	624	SF
12	6	184	Floor tiles and associated mastic, sea foam green with blotches, 12" x 12" FT	470	SF
12	6	163	Floor tiles and associated mastic, periwinkle blue w/ blue + white chips, 12" x 12"	1,055	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

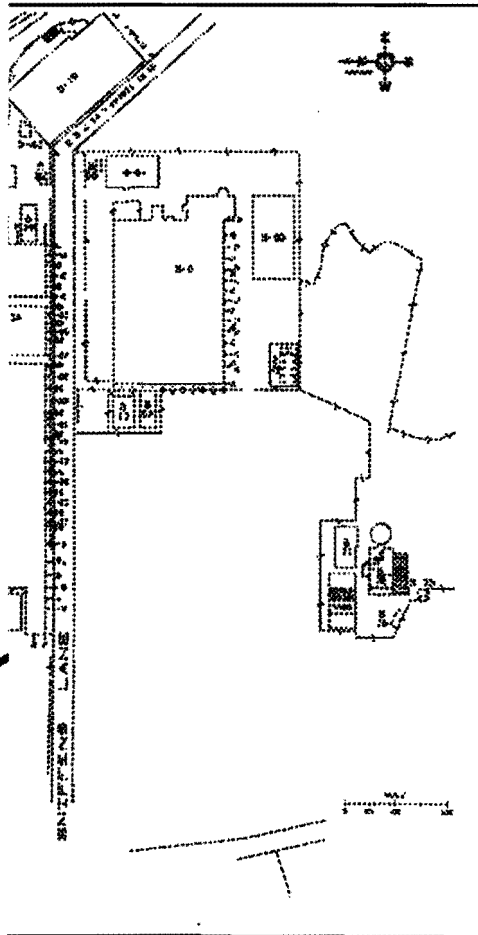
**TABLE 3.14.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 12**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 472	051697 - 12 - 11 - 01	Pipe insulation, 12" O.D. mag block	41.0
100397- 913	060497 - 12 - 158 - AC	Baseboard mastic - yellow brittle (beige flexible adhesive on brown baseboard)	0.0
100397- 914	060497 - 12 - 13 - AC	Floor Tiles, 12 x 12, Tan w/ Tan & White Chips	0.0
100397- 915	060497 - 12 - 13M - AC	Yellow brittle mastic for 13-AC	0.0
100397- 916	060497 - 12 - 128 - AC	leveling compound (white)	0.0
100397- 917	060497 - 12 - 57 - AC	Yellow gummy carpet mastic (Brittle with concrete)	0.0
120497- 1084	120497 - 12 - 26 - 01	2' x 4' ACT, large cracks, dark grey cellulose interior	0.0
120497- 1085	120497 - 12 - 63 - 01	2' x 4' ACT with 8 11" x 11" squares, dark grey cellulose interior	0.0
120497- 1086	120497 - 12 - 163 - 01	Floor tile, periwinkle blue with blue and white chips, 12" x 12"	0.0
120497- 1087	120497 - 12 - 63 - 01	Black mastic from floor tile, periwinkle blue with blue and white chips, 12" x 12"	0.0
120497- 1088	120497 - 12 - 184 - 01	Floor tile, sea foam green with small white blotches/streaks, 12" x 12"	0.0
120497- 1089	120497 - 12 - 84 - 01	Wet black mastic from floor tile, sea foam green, 12" x 12" (sample # 1088)	0.0


**Notes:**

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.

1/8"=1'-0"



AP

REV	DATE	DESCRIPTION	BY
 US Army Corps of Engineers		U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK	
STRATFORD ARMY ENGINE PLANT		STRATFORD, CT	
ASBESTOS SURVEY REPORT			
BUILDING 12 SAMPLE AND AREA LOCATIONS			
<b>MALCOLM          PIRNIE</b>		FIGURE 3.14.1	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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### **3.15 BUILDING 13 - SCRAP & MATERIAL RECLAMATION**

Building 13 is a one-story, 7,803 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.15.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 13**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
18	Pipe insulation and associated fittings, Aircell, 3" O.D.	31	LF
34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	60	LF
90	Pipe insulation and associated fittings, assumed positive, inaccessible (above ceiling)	100	LF
FD	Fire Doors	7	EA
Roof	Roofing Material	7,803	SF
WC	Window Caulking	75	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**TABLE 3.15.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 13**

<b>Bld/Flr</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
13	1	18	Pipe insulation and associated fittings, Aircell, 3" O.D.	30	LF
13	2	90	Pipe insulation and associated fittings, assumed positive, inaccessible (above ceiling)	100	LF
13	4	18	Pipe insulation and associated fittings, Aircell, 3" O.D.	1	LF
13	4	34	Pipe insulation and associated fittings, brown rolled paper, 3" O.D.	60	LF
13	---	WC	Window Caulking	75	LF
13	---	Roof	Roofing Material	7,803	SF
13	---	FD	Fire doors	7	EA

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter



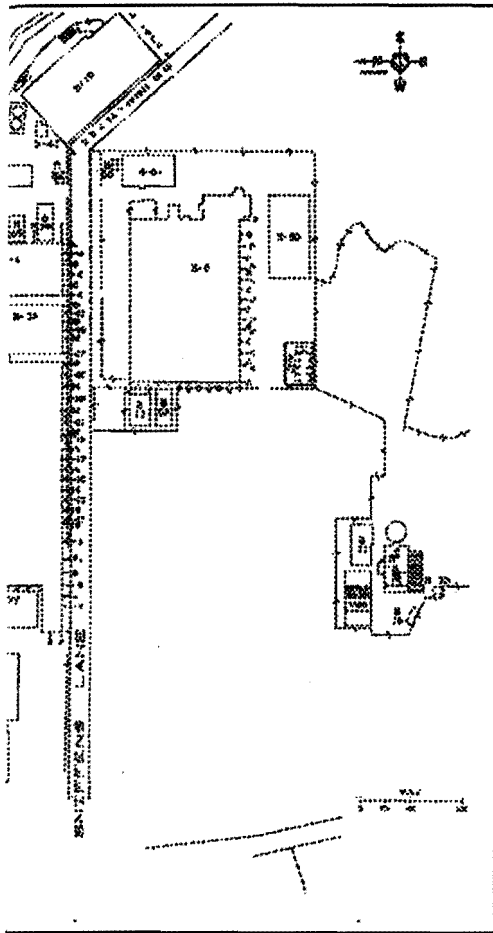
**TABLE 3.15.3  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 13**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 307	051497 - 13 - 34 - 01	Pipe insulation, brown rolled paper, 3" O.D.	0.0
060297- 308	051497 - 13 - 04 - 01	2' x 4' ACT, mixed hole	0.0
060297- 396	051497 - 13 - 128 - 01	White leveling compound under carpet and floor covering	<1.0


Notes:

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.

1/8"=1'-0"



MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT</p> <p>BUILDING 13 SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		FIGURE	3.15.1
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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**3.16 BUILDING 15 - LUBRICATION  
STORAGE AND FIRE HOUSE**

Building 15 is a one-story, 12,288 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.16.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 15**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
5	Pipe fitting insulation on 6" O.D. fiberglass insulated pipe (assumed positive, inaccessible)	10	EA
18	Pipe insulation and associated fittings, Aircell, 2-6" O.D.	814	LF
145	Floor tile, black with tiny white specks, 12" x 12"	120	SF
146*	Floor tile and associated black mastic, mustard brown, 12" x 12"	120	SF
FD	Fire Doors	17	EA
Roof	Roofing Material	12,288	SF
WC	Window Caulking	75	LF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
145M	Black mastic from 12" x 12" floor tile, black with tiny white specks (Area 2)	120	SF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been assumed to be positive.

**TABLE 3.16.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 15**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
15	1	18	Pipe insulation and associated fittings, Aircell, 2-6" O.D.	750	LF
15	1	5	Pipe fitting insulation on 6" O.D. fiberglass insulated pipe (assumed positive, inaccessible)	10	EA
15	2	145	Floor tile, black with tiny white specks, 12" x 12"	120	SF
15	2	146*	Floor tile and associated black mastic, mustard brown, 12" x 12"	120	SF
15	2	18	Pipe insulation and associated fittings, Aircell, 2-4" O.D.	40	LF
15	3	18	Pipe insulation and associated fittings, Aircell, 2-4" O.D.	24	LF
15	---	Roof	Roofing Material	12,288	SF
15	---	WC	Window Caulking	75	LF
15	---	FD	Fire doors	17	EA

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

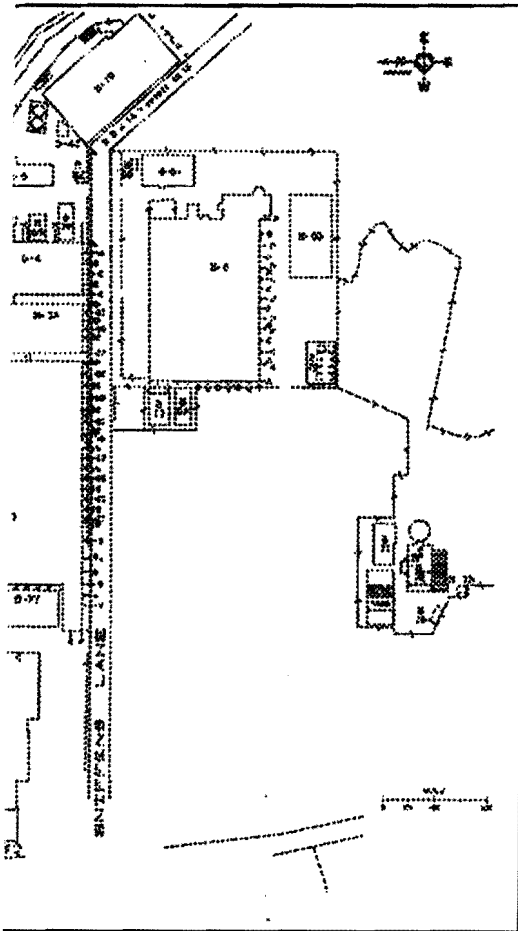
\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

**TABLE 3.16.3  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 15**


Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 297	051597 - 15 - 145 - 01	12" x 12" floor tile, black with tiny white specks	3.3
060297- 298	051597 - 15 - 145M - 01	Black mastic from 12" x 12" floor tile, black with tiny white specks	0.0
060297- 299	051597 - 15 - 146 - 01	12" x 12" floor tile, mustard brown	0.0
060297- 300	051597 - 15 - 146M - 01	Black mastic from 12" x 12" floor tile, mustard brown	5.6
060297- 301	051597 - 15 - 14 - 01	Sheetrock wall sample	0.0

**Notes:**

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.



MAP

REV	DATE	DESCRIPTION	BY
 <p><b>U.S. ARMY ENGINEER DISTRICT, NEW YORK</b> <b>CORPS OF ENGINEERS</b> <b>NEW YORK, NEW YORK</b></p>			
<p>STRATFORD ARMY ENGINE PLANT</p>		<p>STRATFORD, CT</p>	
<p>ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 15</p> <p>SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM</b> <b>PIRNIE</b></p>		<p>FIGURE</p> <p>3.16.1</p>	
<p>SCALE: AS NOTED</p>		<p>DATE: DEC. 1997</p>	<p>SHEET</p>

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### **3.17 BUILDING 16 - PRODUCTION AND DEVELOPMENTAL TESTS CELLS**

Building 16 is a one-story, 68,928 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Half of the roof of Building 16 consists of tar and felt built-up roofing material and half of the roof consists of a new rubberized roofing membrane.



**TABLE 3.17.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 16**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation, magnesium block and associated fittings, 3-6" O.D.	1,559	LF
2	Magnesium block duct insulation	50	SF
5	Pipe fitting insulation on fiberglass insulated pipe	1	EA
10	Fabric strapping, white	5	LF
18	Pipe insulation, Aircell and associated fittings, 3-4" O.D.	220	LF
32	Transite wall board	3,222	SF
34	Pipe insulation, brown rolled paper and associated fittings, 3-6" O.D.	7,994	LF
70	Vibration joint, white fabric/canvas (assumed positive)	3	EA
90	Pipe insulation and associated fittings, inaccessible, assume positive, varying diameters	1,405	LF
135	Floor tile and associated mastic, grey-green with white flecks, 12" x 12"	504	SF
136	Pipe insulation, magnesium block and associated fittings, 8" O.D.	67	LF
138	Pipe insulation, brown rolled paper and associated fittings, 8" O.D.	300	LF
140	Floor tile, green with white streaks, 9" x 9"	4,800	SF
273	Black tar coating on piping elbows (<12" O.D.)	36	EA
FD	Fire Doors	50	EA
Roof	Roofing Material	68,928	SF
WC	Window Caulking	1,000	LF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	1,488	SF
132	Floor tile and associated black and yellow mastic, pink with burgundy and white chips, 12" x 12"	1,165	SF
140M	Black mastic from floor tile, green with white streaks, 9" x 9"	4,800	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.17.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 16**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
16	1	18	Pipe insulation, Aircell and associated fittings, 3-4" O.D.	220	LF
16	5	90	Pipe insulation, suspected brown rolled paper and associated fittings, 2-4" O.D.	105	LF
16	5	1	Pipe insulation, magnesium block and associated fittings, 6" O.D.	25	LF
16	5	34	Pipe insulation, brown rolled paper and associated fittings, 6" O.D.	40	LF
16	6	90	Pipe insulation, suspected brown rolled paper and associated fittings, 2-3" O.D.	30	LF
16	6	34	Pipe insulation, brown rolled paper and associated fittings, 6" O.D.	20	LF
16	9	1	Pipe insulation, magnesium block and associated fittings, 4-6" O.D.	23	LF
16	11	1	Pipe insulation, magnesium block and associated fittings, 4-6" O.D.	150	LF
16	11	136	Pipe insulation, magnesium block and associated fittings, 8" O.D.	27	LF
16	11	34	Pipe insulation, brown rolled paper and associated fittings, 3" O.D.	34	LF
16	14	70	Vibration joint, white fabric/canvas (assumed positive)	1	EA
16	15	90	Pipe insulation and associated fittings, assumed positive, 3-6" O.D.	800	LF
16	15	90	Pipe insulation and associated fittings, assumed positive, 7" O.D.	150	LF
16	15	2	Magnesium block duct insulation	50	SF
16	15	70	Vibration joint, white fabric/canvas (assumed positive)	1	EA
16	16	34	Pipe insulation, brown rolled paper and associated fittings, 4" O.D.	30	LF
16	17	1	Pipe insulation, magnesium block and associated fittings, 4-6" O.D.	90	LF
16	17	70	Vibration joint, white fabric/canvas (assumed positive)	1	EA
16	19	1	Pipe insulation, magnesium block and associated fittings, 4-6" O.D.	190	LF
16	19	136	Pipe insulation, magnesium block and associated fittings, 8" O.D.	40	LF
16	19	32	Transite wall board	1,900	SF
16	20	10	Fabric strapping, white	5	LF
16	21	1	Pipe insulation, magnesium block and associated fittings, 3" O.D.	50	LF
16	21	34	Pipe insulation, brown rolled paper and associated fittings, 3-6" O.D.	150	LF
16	21	138	Pipe insulation, brown rolled paper and associated fittings, 8" O.D.	25	LF
16	22	1	Pipe insulation, magnesium block and associated fittings, 4-6" O.D.	120	LF
16	22	34	Pipe insulation, brown rolled paper and associated fittings, 3-6" O.D.	484	LF
16	22	138	Pipe insulation, brown rolled paper and associated fittings, 8" O.D.	12	LF
16	24	1	Pipe insulation, magnesium block and associated fittings, 4" O.D.	7	LF
16	25	1	Pipe insulation, magnesium block and associated fittings, 3-6" O.D.	600	LF
16	25	34	Pipe insulation, brown rolled paper and associated fittings, 3-6" O.D.	1,300	LF
16	25	138	Pipe insulation, brown rolled paper and associated fittings, 8" O.D.	200	LF
16	28	34	Pipe insulation, brown rolled paper and associated fittings, 3-5" O.D.	210	LF
16	29	34	Pipe insulation, brown rolled paper and associated fittings, 3-5" O.D.	60	LF

**TABLE 3.17.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 16**

Bld/Fir	Area #	Item #	Material Description	Quantity	Units
16	30	34	Pipe insulation, brown rolled paper and associated fittings, 6" O.D.	5	LF
16	31	34	Pipe insulation, brown rolled paper and associated fittings, 3-5" O.D.	400	LF
16	33	138	Pipe insulation, brown rolled paper and associated fittings, 8" O.D.	63	LF
16	33	34	Pipe insulation, brown rolled paper and associated fittings, 3-6" O.D.	900	LF
16	33	1	Pipe insulation, magnesium block and associated fittings, 3-6" O.D.	125	LF
16	35	34	Pipe insulation, brown rolled paper and associated fittings, 3-6" O.D.	158	LF
16	35	90	Pipe insulation and associated fittings, inaccessible, assume positive, varying diameters	320	LF
16	35	1	Pipe insulation, magnesium block and associated fittings, 3" O.D.	50	LF
16	40	34	Pipe insulation, brown rolled paper and associated fittings, 6" O.D.	26	LF
16	43	32	Transite wall board	1,200	SF
16	43	34	Pipe insulation, brown rolled paper and associated fittings, 4" O.D.	90	LF
16	55	32	Transite wall board	50	SF
16	55	34	Pipe insulation, brown rolled paper and associated fittings, 4" O.D.	72	LF
16	49	32	Transite wall board	72	SF
16	57	34	Pipe insulation, brown rolled paper and associated fittings, 3-6" O.D.	4,000	LF
16	59	140	Floor tile, green with white streaks, 9" x 9"	4,800	SF
16	60	135	Floor tile and associated mastic, grey-green with white flecks, 12" x 12"	504	SF
16	62	1	Pipe insulation, magnesium block and associated fittings, 3" O.D.	14	LF
16	63	1	Pipe insulation, magnesium block and associated fittings, 3" O.D.	12	LF
16	64	1	Pipe insulation, magnesium block and associated fittings, 3" O.D.	45	LF
16	65	1	Pipe insulation, magnesium block and associated fittings, 3" O.D.	14	LF
16	66	1	Pipe insulation, magnesium block and associated fittings, 3" O.D.	30	LF
16	68	34	Pipe insulation, brown rolled paper and associated fittings, 4" O.D.	15	LF
16	70	1	Pipe insulation, magnesium block and associated fittings, 3" O.D.	14	LF
16	70	5	Pipe fitting insulation on fiberglass insulated pipe	1	EA
16	---	FD	Fire Doors	50	EA
16	---	Roof	Roofing Material	68,928	SF
16	---	WC	Window Caulking	1,000	LF
16	OUT/CT	273	Black tar coating on piping elbows (<12" O.D.)	36	EA

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter  
 OUT = Outdoor piping on cooling tower between Buildings 16 and 64-1

**TABLE 3.17.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 16**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
16	24	132	Floor tile and associated black and yellow mastic, pink with burgundy and white chips, 12" x 12"	690	SF
16	26	132	Floor tile and associated black and yellow mastic, pink with burgundy and white chips, 12" x 12"	475	SF
16	59	140M	Black mastic from floor tile, green with white streaks, 9" x 9"	4,800	SF
16	62	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	130	SF
16	63	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	143	SF
16	64	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	364	SF
16	65	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	300	SF
16	66	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	195	SF
16	67	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	90	SF
16	68	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	210	SF
16	70	13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	56	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.17.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 16**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 252	110596 - 16 - 133 - 01	2' x 4' ACT - dents and pin holes (beige, not cellulose)	0.0
060297- 253	110596 - 16 - 134 - 01	Black Carpet backing (some yellow mastic also)	0.0
060297- 254	110496 - 16 - 129 - 01	Coating on concrete floor (black and yellow)	0.0
060297- 255	110596 - 16 - 135 - 01	12" x 12" FT Grey-green w/ white flecks	1.5
060297- 256	110596 - 16 - 135M - 01	Black mastic from item# 135	1.8
060297- 257	110596 - 16 - 14 - 01	Sheetrock walls (white)	0.0
060297- 258	110196 - 16 - 26 - 01	2' x 4' ACT - large cracks (light brown, not cellulose)	0.0
060297- 259	110196 - 16 - 04 - 01	2' x 4' ACT - mixed hole pattern (light grey)	0.0
060297- 260	110196 - 16 - 130 - 01	3/4 cm thick covering on concrete floor (brown and white)	0.0
060297- 261	110196 - 16 - 32 - 01	Transite board - along ceiling and upper walls (holes every 1/2 inch)	18.0
060297- 262	110196 - 16 - 32 - 02	Transite board - along ceiling and upper walls (holes every inch)	14.4
060297- 263	110196 - 16 - 119 - 01	White fiberglass behind wall of transite board	0.0
060297- 264	110196 - 16 - 10 - 01	White fabric strapping	55.3
060297- 265	110196 - 16 - 12 - 01	2' x 4' ACT - hippy holes (grey)	0.0
060297- 266	110196 - 16 - 132 - 01	12" x 12" Pink FT	0.0
060297- 267	110196 - 16 - 132M - 01	Black and Yellow mastic under item # 132	0.0
060297- 268	110496 - 16 - 56 - 01	Plaster ceiling (brown with white surfacing)	0.0
060297- 269	110596 - 16 - 34 - 01	Pipe insulation, brown rolled paper, 3-6" O.D.	46.1
060297- 270	110196 - 16 - 131 - 01	White paper under horse hair insulation	22.1
060297- 271	110196 - 16 - 13 - 01	Floor tile, tan with tan and white chips, 12" x 12"	0.0
060297- 272	110596 - 16 - 13M - 01	Black mastic from floor tile, tan with tan and white chips, 12" x 12"	0.0
060297- 273	110596 - 16 - 56 - 02	Plaster ceiling	0.0
060297- 278	110196 - 16 - 34 - 02	Pipe insulation, brown rolled paper, 6" O.D.	n
060297- 321	- 16 - ROOF -	Built-up roofing material - Building 16	0.0
060297- 322	- 16 - FLASH -	Roof flashing - Building 16	23.1
111897- 1064	111797 16 299 01	Pipe fitting insulation, grey cementitious, on fiberglass insulated pipe, 8" O.D.	0.0
111897- 1065	111797 16 299 02	Pipe fitting insulation, grey cementitious, on fiberglass insulated pipe, 3-4" O.D.	0.0
111897- 1066	111797 16 140 01	Floor tile, green with white streaks, 9" x 9"	1.8
111897- 1067	111797 16 140M 01	Black mastic from floor tile, green with white streaks, 9" x 9" (sample 1066)	0.0
111897- 1068	111797 16 129 02	Thin coating on floor, light grey with pieces of gravel	0.0

Notes:

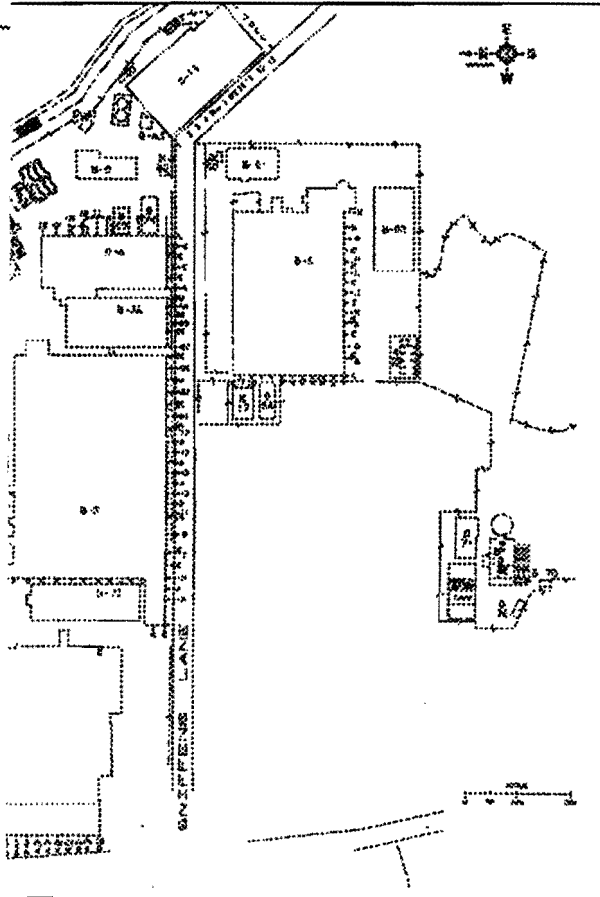
<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

Key:


n = Sample not analyzed because another sample of same material yielded positive results.



SCALE IN FEET  
1"=16'



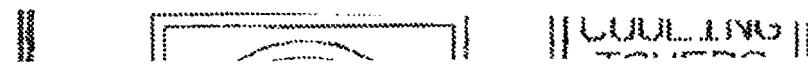
ON MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT</p>			
<p><b>MALCOLM PIRNE</b></p>			<p>FIGURE 3.17.1</p>
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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**3.18 BUILDING 17 - ENGINEERING**  
**TEST FACILITY**

Building 17 is a one-story, 2,397 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.18.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 17**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	100	LF
Roof	Roofing Material	2,397	SF
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

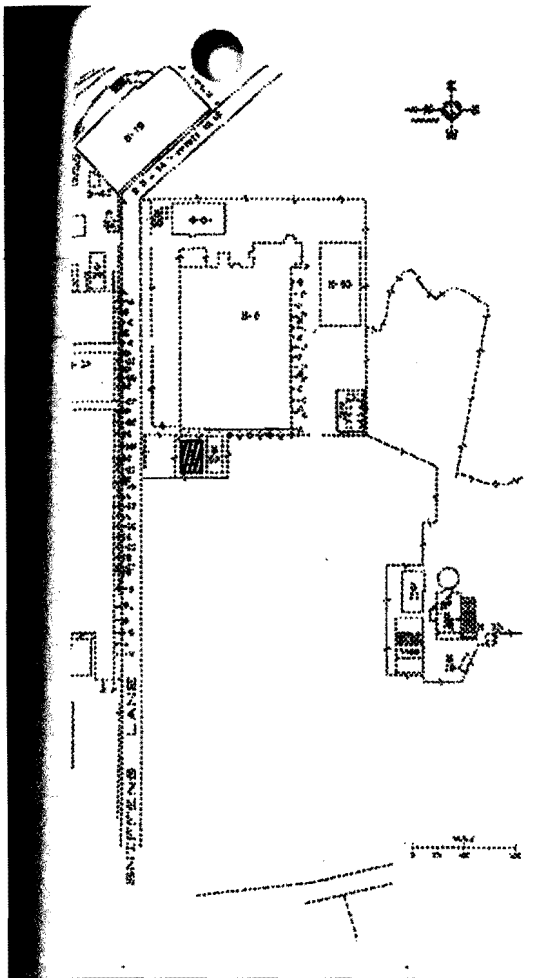


**TABLE 3.18.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 17**


<b>Lab Sample No.</b>	<b>Field Sample No.</b>	<b>Description</b>	<b>% Asb <sup>(1)</sup></b>
110497- 991	110397 - 17 - 285 - 01	Grey flexible caulking on door (CK17-1)	0.0
110497- 992	110397 - 17 - 288 - 01	Off-white chewy caulking around door (CK17-2)	6.4
110497- 993	110397 - 17 - 288 - 02	Light grey chewy caulking around door on portable office (CK17-3)	0.0

Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.



IAP

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 17</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM PIRNIE</b>			<b>FIGURE</b> <b>3.18.1</b>
<b>SCALE: AS NOTED</b>		<b>DATE: DEC. 1997</b>	<b>SHEET</b>

A

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**3.19 BUILDING 18 - CHEMICAL**  
**WASTE TREATMENT PLANT**

Building 18 is a one-story, 5,820 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.19.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 18**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	200	LF
Roof	Roofing Material	5,820	SF
FD	Fire doors	9	EA

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
79	Floor tile and associated mastic, beige with brown streaks and blotches, 12" x 12"	75	SF
114	Floor tile and associated mastic, beige with small black and white specks, 12" x 12"	7	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

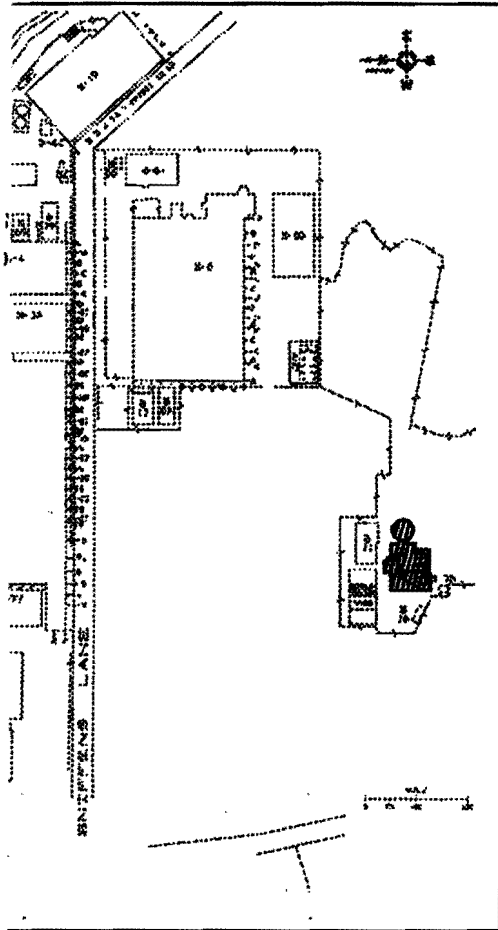
**TABLE 3.19.2  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 18**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 293	051497 - 18 - 16 - 01	Baseboard mastic, tan and gummy	0.0
060297- 294	051497 - 18 - 114 - 01	12" x 12" floor tile, beige with small black and white specks	0.0
060297- 295	051497 - 18 - 79 - 01	12" x 12" floor tile, beige with brown streaks and blotches	0.0
060297- 296	051497 - 18 - 14 - 01	Sheetrock walls (no compound)	0.0
060297- 397	051497 - 18 - 130 - 01	3/4 cm thick covering on concrete floor	0.0
060297- 398	051497 - 18 - 191 - 01	Rust colored mastic on storage tank, outdoors	0.0
110497- 994	110397 - 18 - 285 - 01	Light grey flexible caulking on door	0.0
110497- 995	110397 - 18 - 284 - 01	Black flexible caulking on windows	0.0


**Notes:**

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

SCALE IN FEET  
 1/8"=1'-0"  
 (APPROXIMATE)



MAP

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK          CORPS OF ENGINEERS          NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 18</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM          PIRNIE</b>		<b>FIGURE</b> <b>3.19.1</b>	
<b>SCALE: AS NOTED</b>		<b>DATE: DEC. 1997</b>	<b>SHEET</b>

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D

### **3.20 BUILDING 19 - COMPONENT TEST FACILITY**

Building 19 is a 36,008 square foot building consisting of one floor and a mezzanine. The building is constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of a new rubberized roofing membrane.

**TABLE 3.20.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 19**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
5	Pipe fitting insulation, white, on 5" O.D. fiberglass insulated pipe	5	EA
6	Pipe fitting insulation over foam pipe insulation, 16" O.D.	90	SF
7	Pipe fitting insulation on 12" O.D. pipe insulation	24	SF
32	Transite wall board, thick	768	SF
117	Floor tile, light grey with black and white chips, 9" x 9"	1,270	SF
122	Floor tile and associated mastic, light grey with black and white streaks, 9" x 9"	680	SF
290 <sup>(1)</sup>	Pipe insulation and associated fittings, steel encased, inaccessible, varying diameters (suspect)	587	LF
FD	Fire Doors	66	EA
WC	Window Caulking	800	LF
roof	Indoor built-up roofing material and flashing	1,130	SF

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	5,093	SF
117M	Black mastic from floor tile, light grey with black and white chips, 9" x 9"	1,270	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

<sup>(1)</sup> Malcolm Pirnie was informed by Allied Signal personnel that all asbestos containing materials had been abated from this building. In order to conduct a complete survey of the facility, Building 19 was included in the survey. Sampling of steel encased pipe insulation has yielded negative results, however due to the abundance of pipe insulation in this building and the fact that most of the insulation is encased with a steel wrap, we have included this material as suspect ACM. More extensive sampling of this material should be performed prior to removal or disturbance.



**TABLE 3.20.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 19**

Bld/Fir	Area #	Item #	Material Description	Quantity	Units
19/1	101	122	Floor tile and associated mastic, light grey with black and white streaks, 9" x 9"	680	SF
19/1	102	6	Pipe fitting insulation over foam pipe insulation, 16" O.D.	90	SF
19/1	102	32	Transite wall board, thick	768	SF
19/1	102	290 <sup>(1)</sup>	Pipe insulation and associated fittings, steel encased, portions inaccessible, 8" O.D. (suspect)	45	LF
19/1	103	290 <sup>(1)</sup>	Pipe insulation, steel encased, portions inaccessible, 12" O.D. (suspect)	17	LF
19/1	103	7	Pipe fitting insulation on 12" O.D. pipe insulation	24	SF
19/1	103	290 <sup>(1)</sup>	Pipe insulation and associated fittings, steel encased, inaccessible, 18" O.D. (suspect)	40	LF
19/1	105	290 <sup>(1)</sup>	Pipe insulation and associated fittings, steel encased, inaccessible, 16-18" O.D. (suspect)	200	LF
19/1	105	290 <sup>(1)</sup>	Pipe insulation and associated fittings, steel encased, inaccessible, 8" O.D. (suspect)	90	LF
19/1	105	5	Pipe fitting insulation, white, on 5" O.D. fiberglass insulated pipe	5	EA
19/1	106	290 <sup>(1)</sup>	Pipe insulation and associated fittings, steel encased, inaccessible, 22" O.D. (suspect)	55	LF
19/1	106	290 <sup>(1)</sup>	Pipe insulation and associated fittings, steel encased, inaccessible, 12" O.D. (suspect)	85	LF
19/1	106	290 <sup>(1)</sup>	Pipe insulation and associated fittings, steel encased, inaccessible, 8" O.D. (suspect)	15	LF
19/1	109	117	Floor tile, light grey with black and white chips, 9" x 9"	1,270	SF
19/roof	roof	290 <sup>(1)</sup>	Pipe insulation and associated fittings, steel encased, inaccessible, 18" O.D. (suspect)	40	LF
19	---	WC	Window Caulking	800	LF
19	---	FD	Fire Doors	66	EA
19/roof	indoor roof	Roof	Indoor built-up roofing material and flashing	1,130	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

<sup>(1)</sup> Malcolm Pirnie was informed by Allied Signal personnel that all asbestos containing materials had been abated from this building. In order to conduct a complete survey of the facility, Building 19 was included in the survey. Sampling of steel encased pipe insulation has yielded negative results, however due to the abundance of pipe insulation in this building and the fact that most of the insulation is encased with a steel wrap, we have included this material as suspect ACM. More extensive sampling of this material should be performed prior to removal or disturbance.

**TABLE 3.20.3  
INVENTORY OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM  
BUILDING 19**

Bld/Flr	Area #	Item #	Material Description	Quantity	Units
19/1	102	116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	420	SF
19/1	106A	116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	96	SF
19/1	109	116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	1,270	SF
19/1	109	117M	Black mastic from floor tile, light grey with black and white chips, 9" x 9"	1,270	SF
19/1	118	116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	288	SF
19/2	1	116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	2,193	SF
19/2	3	116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	100	SF
19/2	4	116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	425	SF
19/2	5	116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	101	SF
19/2	8	116	Floor tile and associated yellow mastic, off-white with black and olive streaks, 12" x 12"	200	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

**TABLE 3.20.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 19**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
103096- 209	102896 - 19 - 105 - 01	2' x 4' Acoustical Ceiling tile - Small Rice Krispies with Pin Holes - Grey Interior	0.0
103096- 210	102996 - 19 - 105 - 02	2' x 4' Acoustical Ceiling tile - Small Rice Krispies with Pin Holes - Grey Interior	0.0
103096- 211	102896 - 19 - 04 - 01	2' x 4' Acoustical Ceiling Tile - Mixed Hole Pattern - Grey Interior	0.0
103096- 212	102896 - 19 - 06 - 01	Fitting Insulation over Foam - 16" O.D. - Greyish in Color	0.0
103096- 213	102896 - 19 - 05 - 01	Pipe Fitting Insulation - White	13.6
103096- 214	102896 - 19 - 26 - 01	2' x 4' Acoustical Ceiling Tile - Large Cracks - Grey Interior	0.0
103096- 215	102896 - 19 - 32 - 01	Thick Transite Wall Board	38.6
103096- 216	102896 - 19 - 07 - 01	Pipe Fitting Insulation on 12" O.D. - White	36.7
103096- 217	102896 - 19 - 118 - 01	Wall Board behind 1' x 1' Metal Panels - Brown Fibrous Material	0.0
103096- 218	102896 - 19 - 120 - 01	Woven Fabric Insulation on Pipe	0.0
103096- 219	102896 - 19 - 14 - 01	Gypsum Wall Board behind Ceramic Tile	0.0
103096- 220	102896 - 19 - 23 - 01	Pipe Insulation - 8" O.D. Mag Block	0.0
103096- 221	102896 - 19 - 16 - 01	Baseboard Mastic - Tan, Gummy	0.0
103096- 222	102896 - 19 - 116 - 01	12" x 12" Floor Tile - Off White with Black and Olive Green Streaks	0.0
103096- 223	102896 - 19 - 116M - 01	Yellow Mastic from 12" x 12" Floor Tile - Off White with Black and Olive Green Streaks	0.0
103096- 224	102896 - 19 - 31 - 01	Pink Fibrous/Powdery Insulant under Steel Jacket - 16" O.D.	0.0
103096- 225	102896 - 19 - 31 - 02	Pink Fibrous/Powdery Insulant - 6" O.D.	0.0
103096- 226	102896 - 19 - 31 - 03	Pink Fibrous/Powdery Insulant - 18" O.D.	0.0
103096- 227	102896 - 19 - 11 - 01	Pipe Insulation - 12" O.D. - Mag Block	33.8
103096- 228	102896 - 19 - 11 - 02	Pipe Insulation - 18" O.D. - Mag Block	n
103096- 229	102896 - 19 - 306 - 01	Square Duct Insulation - non-fibrous mag block	0.0
103096- 230	102896 - 19 - 121 - 01	Black Tar Paper behind Metal Wall Panels	0.0
103096- 231	102896 - 19 - 129 - 01	Thin Treatment on Concrete Floor	0.0
103096- 232	102996 - 19 - 105 - 03	2' x 4' Acoustical Ceiling Tile - Small Rice Krispies with Pin Holes - Grey Interior	0.0
103096- 233	102996 - 19 - 117 - 01	9" x 9" Floor Tile - Light grey with Black and White Chips	1.5
103096- 234	102996 - 19 - 117M - 01	Black Mastic from 9" x 9" Floor Tile - Light grey with Black and White Chips	0.0
103096- 235	102996 - 19 - 122 - 01	9" x 9" Floor Tile - Light grey with Black and White Streaks	2.2
103096- 236	102996 - 19 - 122M - 01	Black Mastic from 9" x 9" Floor Tile - Light grey with Black and White Streaks	12.7
060297- 309	051597 - 19 - 147 - 01	Non-fibrous mag fitting end on 16" O.D. pipe	0.0
060297- 310	051597 - 19 - 148 - 01	PFI on 16" O.D. PI - non-fibrous, white	0.0
060297- 311	051597 - 19 - 09 - 01	Pipe insulation, non-fibrous mag, white, 6" O.D.	0.0
060297- 312	051597 - 19 - 09 - 02	Pipe insulation, non-fibrous mag, white, 24" O.D.	0.0
060297- 313	051597 - 19 - 149 - 01	Pipe insulation, non-fibrous mag, blue, 16" O.D.	0.0
060297- 314	051597 - 19 - 149 - 02	Pipe insulation, non-fibrous mag, blue, 24" O.D.	0.0
060297- 315	051597 - 19 - 06 - 02	PFI over foam, 16" O.D. (sample from end of ftg.)	1.4
060297- 316	051597 - 19 - 148 - 02	PFI on 12" O.D. PI - non-fibrous, white	0.0
060297- 317	051597 - 19 - 116 - 02	12" x 12" floor tile, off-white with black and olive streaks	0.0

**TABLE 3.20.4  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 19**

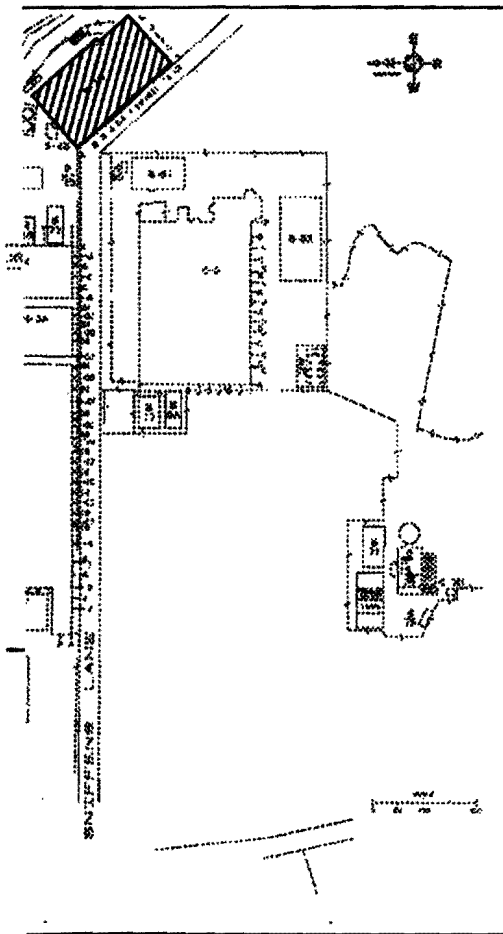
Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 318	051597 - 19 - 116M - 02	Yellow mastic from 12" x 12" floor tile, off-white with black and olive streaks	0.0
060297- 399	051597 - 19 - 130 - 01	3/4 cm thick floor covering over concrete, under tile	0.0
060297- 471	051597 - 19 - 120 - 01	Woven fabric insulation on 16" O.D. PFI (FG insulated pipe)	0.0
110497- 996	110397 - 19 - 284 - 01	2 layers: Black & grey flexible caulking, outside mezzanine window (CK19-1)	0.0
110497- 997	110397 - 19 - 279 - 01	White cementitious caulking on large doorway of indoor structure w/ built-up roof (CK19-2)	<1.0
110497- 998	110397 - 19 - 289 - 01	Caulking between walls - white & chewy, between walls of structure with built-up roof and adjacent construction (CK19-3)	0.0
110497- 999	110397 - 19 - 282 - 01	Grey chewy window caulking on test cell window (CK19-4)	0.0
110497- 1000	110397 - 19 - 285 - 01	Grey flexible exterior caulking on large doorways (CK19-5)	0.0
110497- 1001	110397 - 19 - 285 - 02	Grey flexible exterior caulking on doorway (CK19-7)	0.0
110497- 1002	110397 - 19 - 285 - 03	Light grey flexible caulking between wall facades (CK19-6)	0.0
111397- 1034	110697 - 19 - 292 - 01	Pipe fitting insulation on 12" O.D. fiberglass insulated pipe, (white PFI)	0.0
111397- 1035	110697 - 19 - 149 - 03	Pipe insulation, non-fibrous magnesium block, blue, 16" O.D.	0.0
111397- 1036	110697 - 19 - 291 - 01	Pipe insulation, steel encased fiberglass fiber magnesium block, white, 22" O.D.	0.0
111397- 1037	110697 - 19 - 23 - 01	Pipe insulation, magnesium block, white, 8" O.D.	0.0
111397- 1038	110697 - 19 - 299 - 01	Pipe fitting insulation on 8" O.D. magnesium block insulated pipe (white PFI)	0.0

**Notes:**


<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

**Key:**

n = Sample not analyzed because another sample of same material yielded positive results.



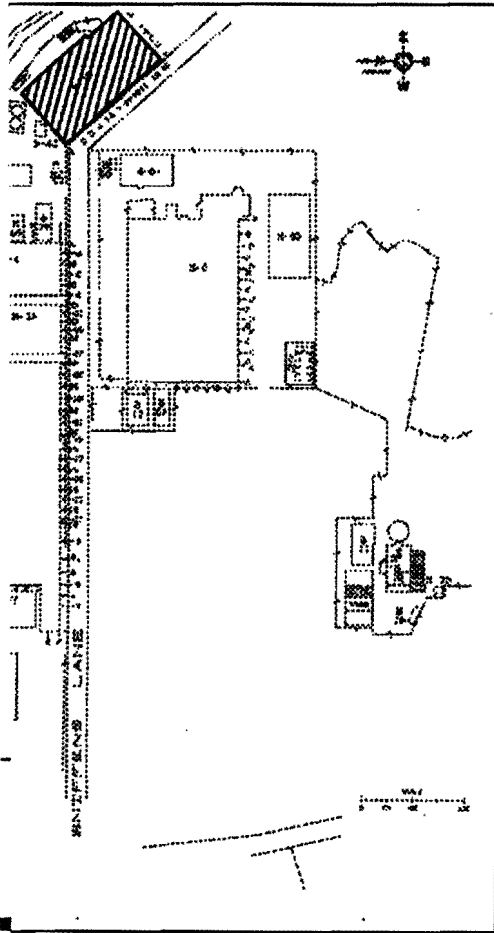
IAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 19 — FIRST FLOOR SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		<p>FIGURE 3.20.1</p>	
<p>SCALE: AS NOTED</p>		<p>DATE: DEC. 1997</p>	<p>SHEET</p>


A

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D

APPROXIMATE SCALE IN FEET  
 3/16"=1'-0"



IAP

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK          CORPS OF ENGINEERS          NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 19 – 2ND FLOOR</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM          PIRNIE</b>		<b>FIGURE</b> <b>3.20.2</b>	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

A

C  
A  
D  
D

**3.21 BUILDING 33 - COOLING TOWER  
PUMP STATION**

Building 33 is a one-story, 586 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.21.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 33**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

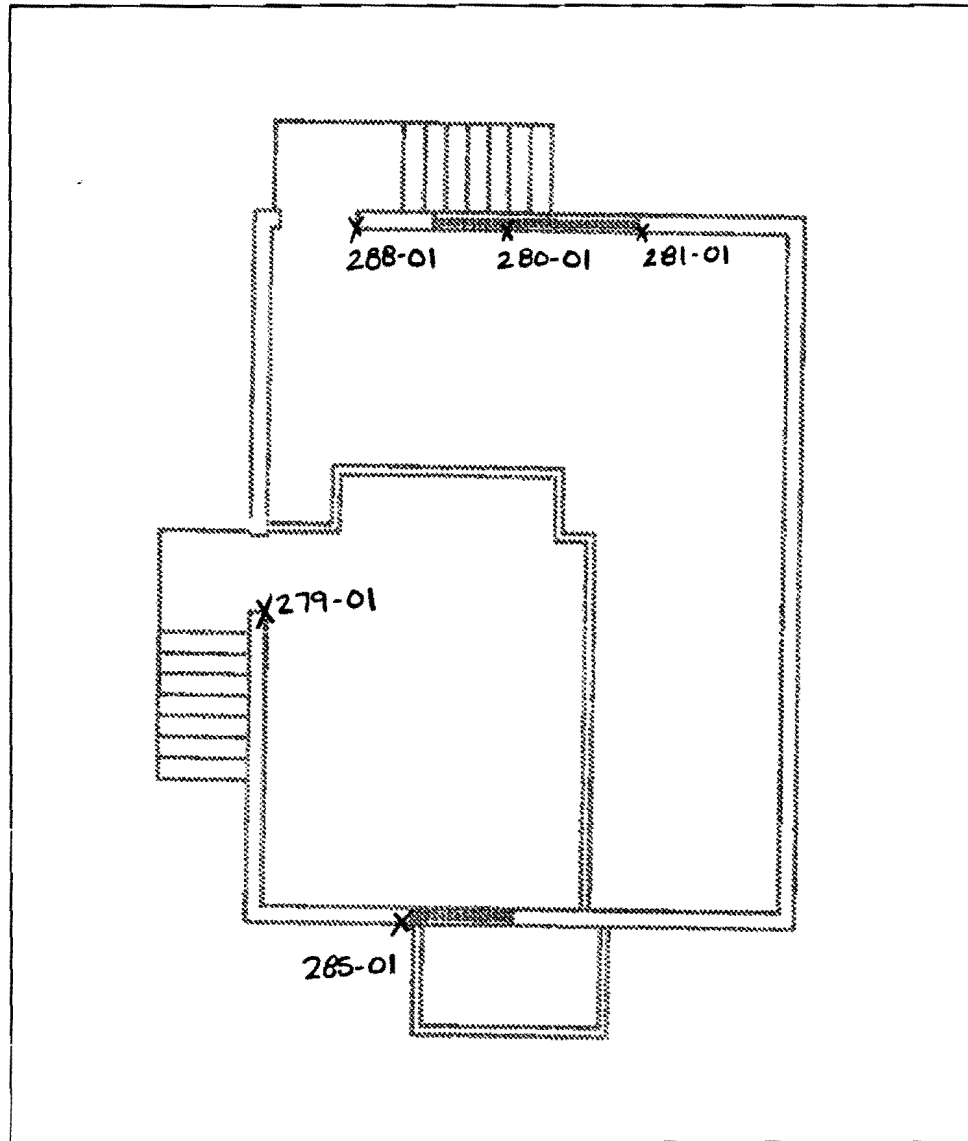
<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	200	LF
Roof	Roofing Material	586	SF
FD	Fire doors	4	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter



7308 028565500 I:\02856550\IMAGES\0285S33 Scale: 1:11 Date: 12/12/1997 Time: 08:59



BUILDING <sup>33</sup>~~PS~~

SOURCE: ALLIEDSIGNAL INC.  
STRATFORD, CT.

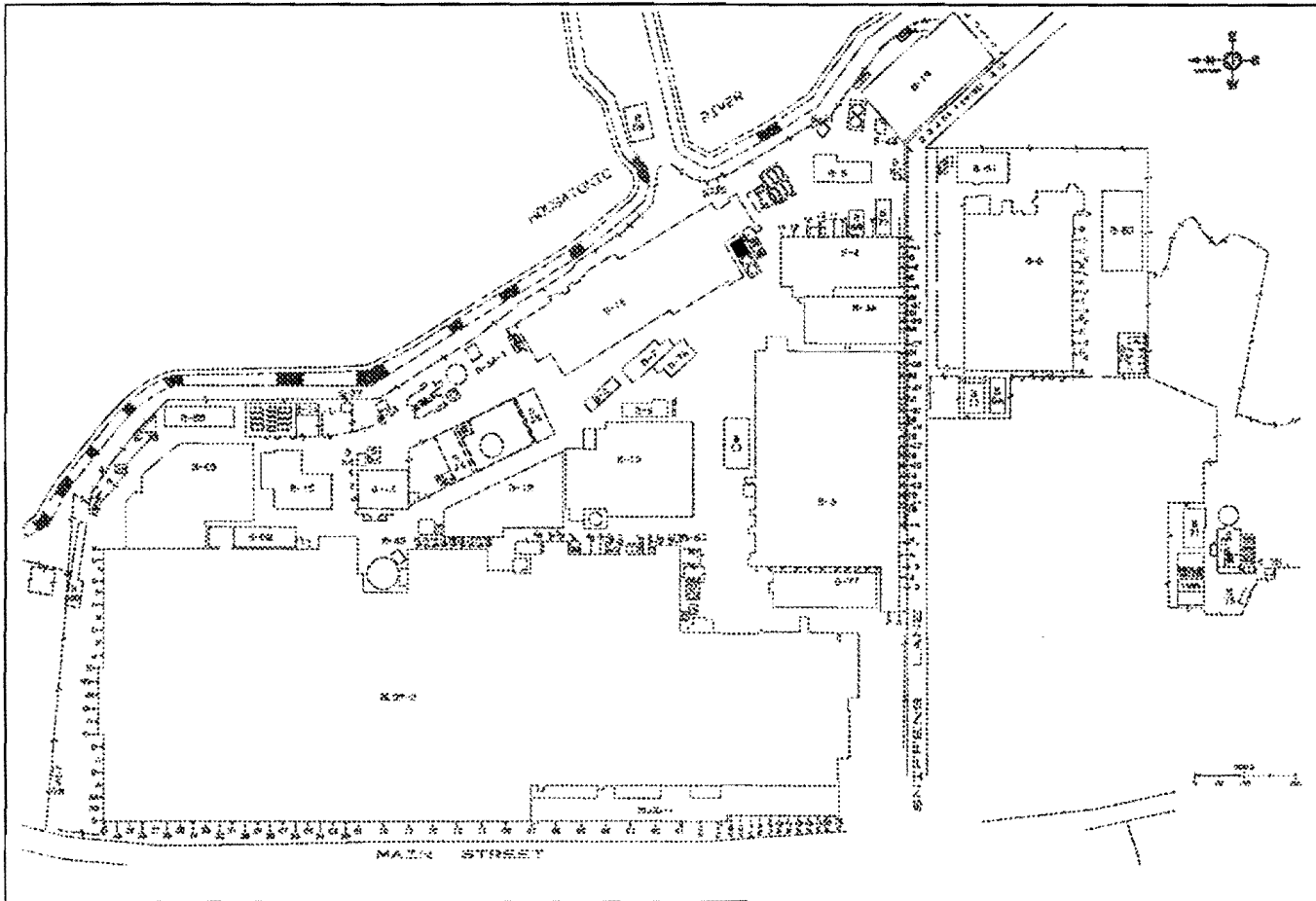
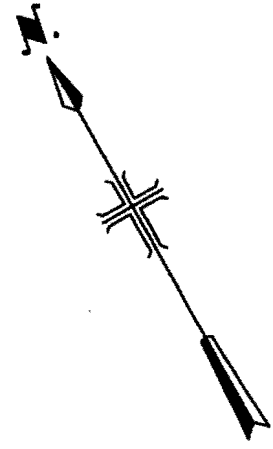
**MALCOLM  
PIRNIE**



US Army Corps  
of Engineers

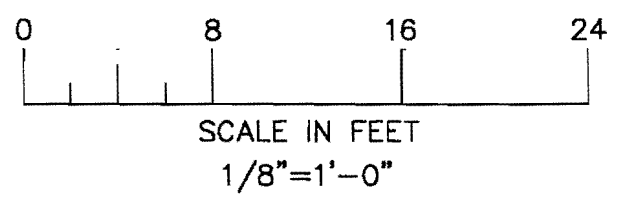
U.S. ARMY ENGINEER DISTRICT, NEW YORK  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK

STRATFORD ARMY E  
STRATFORD, CO  
ASBESTOS SURVI



BUILDING LOCATION MAP

**KEY:**  
x 26-01 = Sample Location  
102 = Area ID



ENGINE PLANT  
ELECTRICITY  
REPORT

BUILDING 33  
ASBESTOS SURVEY REPORT

MALCOLM PIRNIE, INC.  
FIGURE 3.21.1

**TABLE 3.21.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 33**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
110497- 1003	110397 - 33 - 279 - 01	Beige Cementitious Exterior Caulking around door (CK33-1)	1.9
110497- 1004	110397 - 33 - 288 - 01	White chewy exterior caulking around door (CK33-2)	0.0
110497- 1005	110397 - 33 - 280 - 01	Off-white cementitious exterior caulking between window and wall (CK33-3)	5.1
110497- 1006	110397 - 33 - 281 - 01	Plaster-like off-white interior window caulking around glass on steel panes (CK33-4)	0.0
110497- 1007	110397 - 33 - 285 - 01	Grey flexible caulking between cinder blockwall insert	0.0

Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

**3.22 BUILDING 34 - FUEL PUMPING  
STATION**

Building 34 is a one-story, 1,388 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.22.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 34**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	75	LF
Roof	Roofing Material	1,388	SF
FD	Fire doors	3	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**TABLE 3.22.2  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 34**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
110497- 1008	110397 - 34 - 285 - 01	Light grey flexible exterior caulking on doorway (CK34-1)	0.0
110497- 1009	110397 - 34 - 285 - 02	White flexible exterior window caulking on newer window (CK34-2)	0.0

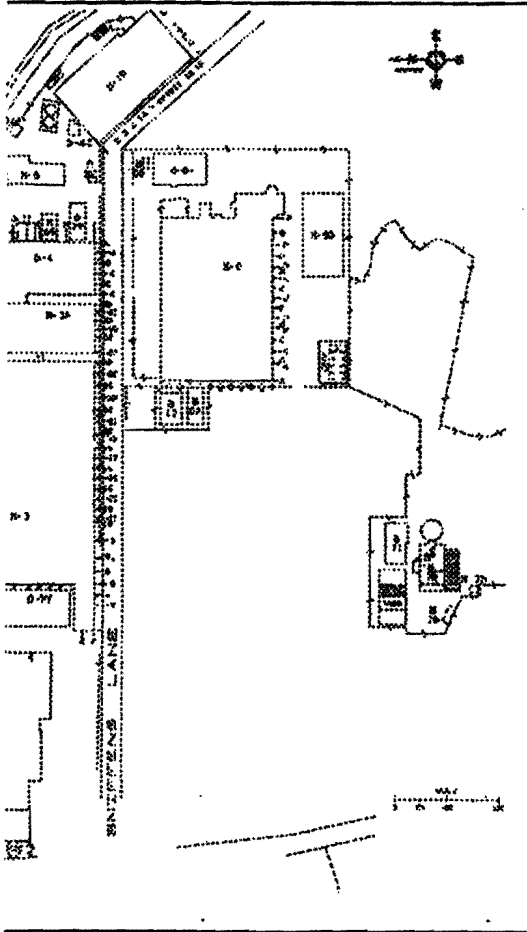
Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.




SCALE IN FEET

1/8"=1'-0"



MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</p> <p>ASBESTOS SURVEY REPORT</p> <p><b>BUILDING 34</b></p> <p>SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		FIGURE	3:22.1
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

A

C  
A  
D  
D

**3.23 BUILDING 36 - STORM DRAIN  
PUMPING STATION**

Building 36 is a one-story, 390 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.



**TABLE 3.23.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 36**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	6	LF
Roof	Roofing Material	390	SF
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.24 BUILDING 37 - STORM DRAIN  
PUMPING STATION**

Building 37 is a one-story, 390 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.24.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 37**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	6	LF
Roof	Roofing Material	390	SF
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.25 BUILDING 38 - STORM DRAIN  
PUMPING STATION**

Building 38 is a one-story, 390 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.25.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 38**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	6	LF
Roof	Roofing Material	390	SF
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.26 BUILDING 40 - STORM DRAIN  
PUMPING STATION**

Building 40 is a one-story, 390 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.26.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 40**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	6	LF
Roof	Roofing Material	390	SF
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.27 BUILDING 41 - STORM DRAIN  
PUMPING STATION**

Building 41 is a one-story, 390 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.



**TABLE 3.27.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 41**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	6	LF
Roof	Roofing Material	390	SF
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.28 BUILDING 42 - SPRINKLER  
BOOST PUMP STATION**

Building 42 is a one-story, 497 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.28.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 42**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
18	Pipe insulation and associated fittings, Aircell, 5" O.D.	20	LF
WC	Window Caulking	20	LF
Roof	Roofing Material	498	SF
FD	Fire Doors	2	EA

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.29 BUILDING 43 - FUEL PUMPING  
STATION**

Building 43 is a one-story, 516 square foot building constructed of concrete floors, steel supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.29.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 43**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	20	LF
Roof	Roofing Material	516	SF
FD	Fire doors	2	EA

Key:

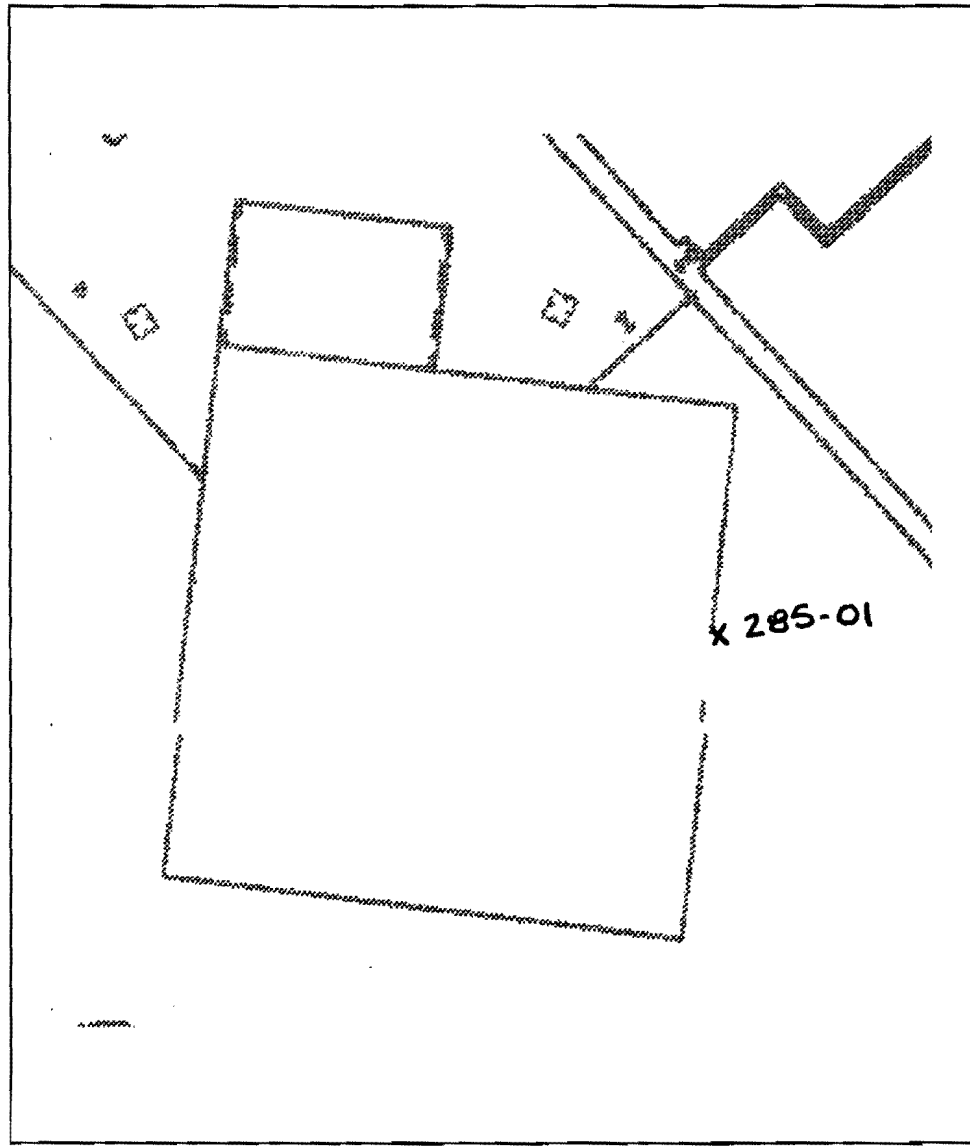
LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**TABLE 3.29.2  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 43**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
110497- 1010	110397 - 43 - 285 - 01	Grey flexible exterior doorway caulking	0.0

Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.



BUILDING 43

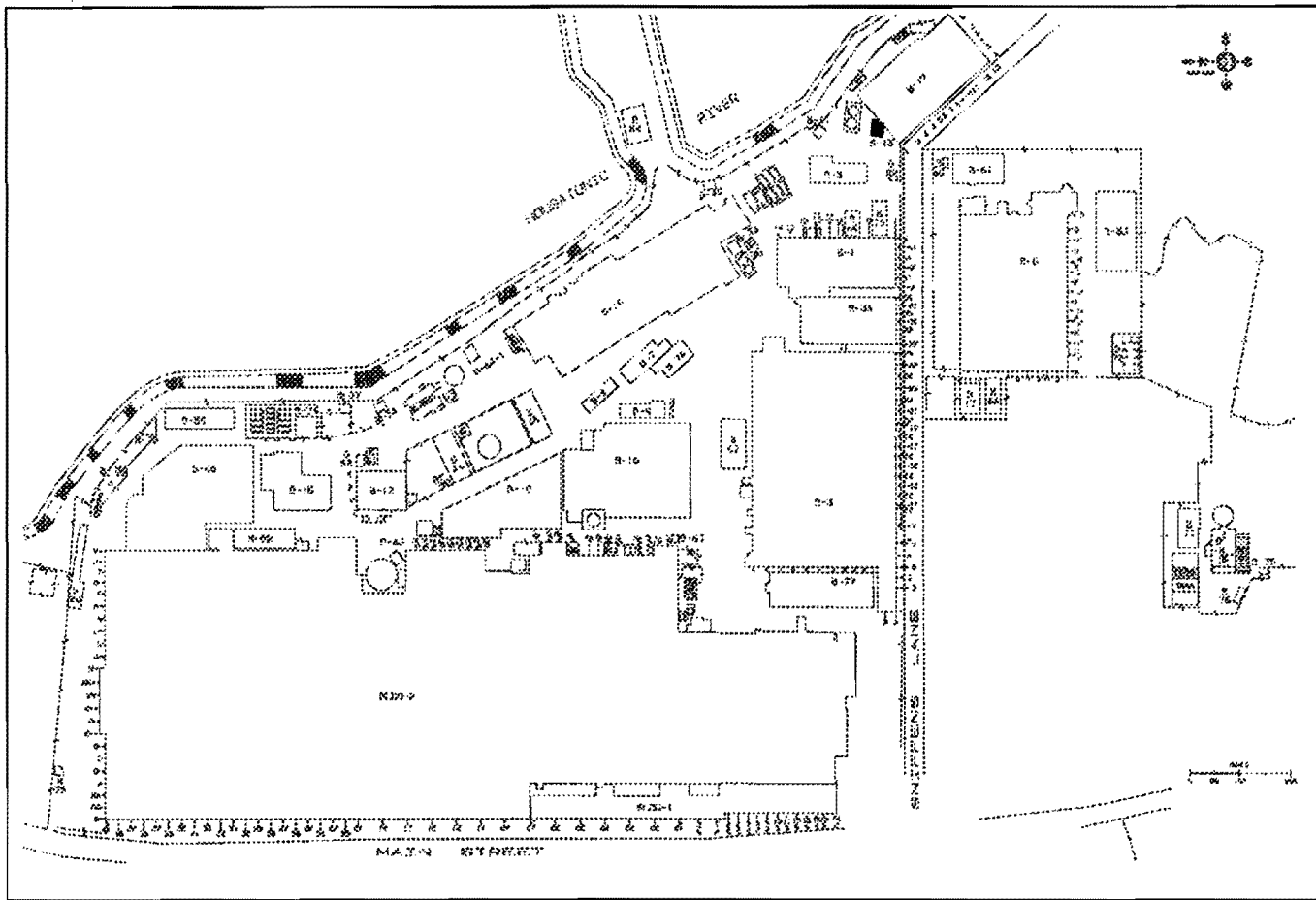
SOURCE: ALLIEDSIGNAL INC.  
STRATFORD, CT.

**MALCOLM  
PIRNIE**



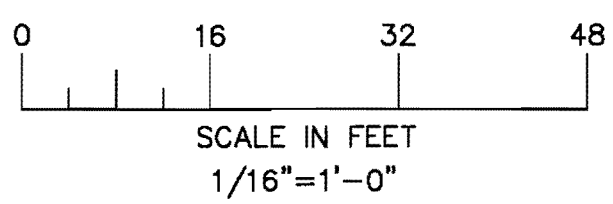
U.S. ARMY ENGINEER DISTRICT, NEW YORK  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK

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BUILDING LOCATION MAP

**KEY:**  
x 26-01 = Sample Location  
102 = Area ID





### **3.30 BUILDING 44 - ENGINE CONTAINER REBUILD AND RIGGERS**

Building 44 is a one-story, 4,107 square foot building constructed of concrete floors, steel supports, and metal exterior walls. The roof of Building 44 consists of a new rubberized roofing membrane.

**TABLE 3.30.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 44**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
273	Black tar coating on elbow (just outside wall of tank farm)	1	EA
WC	Window caulking	50	LF
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

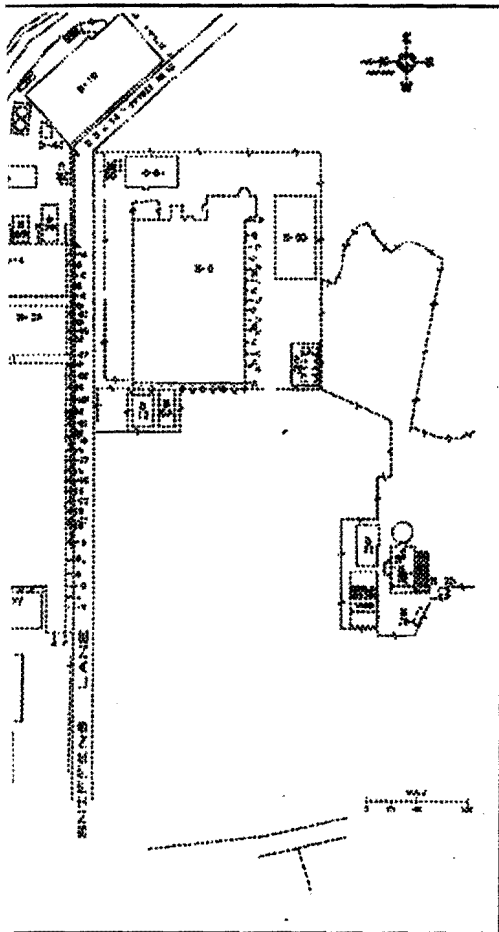
**TABLE 3.30.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 44**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 304	051497 - 44 - 26 - 01	2' x 4' ACT, large cracks	0.0
060297- 305	051497 - 44 - 04 - 01	2' x 4' ACT, mixed hole	0.0
060297- 306	051597 - 44 - 14 - 01	Sheetrock wall sample	0.0
102397- 947	102197 - 44A - 277 - 01	Cement coating on FG PFI	0.0


Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

SCALE IN FEET  
 1/8"=1'-0"  
 (APPROXIMATE)



MAP

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK          CORPS OF ENGINEERS          NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 44</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM          PIRNIE</b>		<b>FIGURE</b> <b>3.30.1</b>	
<b>SCALE: AS NOTED</b>		<b>DATE: DEC. 1997</b>	<b>SHEET</b>

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**3.31 BUILDING 48 - PAINT AND  
CARPENTER SHOP**

Building 48 is a one-story, 4,107 square foot building constructed of concrete floors, steel supports, and metal exterior walls. The roof of Building 48 consists of a new rubberized roofing membrane.

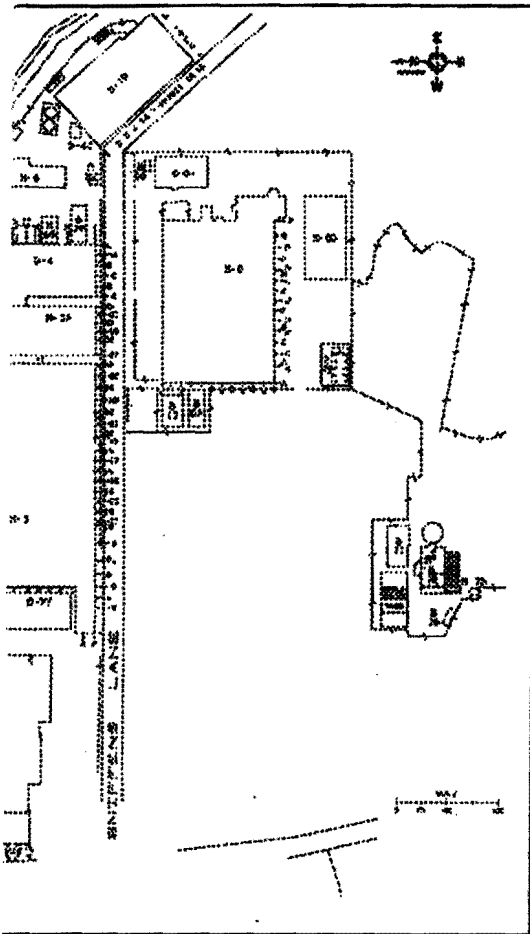
**TABLE 3.31.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 48**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 302	051597 - 48 - 26 - 01	2' x 4' ACT, large cracks	0.0
060297- 303	051597 - 48 - 14 - 01	Sheetrock wall sample	0.0


Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

SCALE IN FEET  
 1/8"=1'-0"  
 (APPROXIMATE)



MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK          CORPS OF ENGINEERS          NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT          ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 48          SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM          PIRNIE</b></p>		<p>FIGURE          3.31.1</p>	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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**3.32 BUILDING 52 - TOOL FIXTURING**  
**BUILDING**

Building 52 is a one-story, 4,928 square foot building constructed of concrete floors and metal exterior walls. The roofing material is urethane foam over corrugated metal.



**TABLE 3.32.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 52**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation and associated fittings, magnesium block, 4-5" O.D.	140	LF
WC	Window Caulking	300	LF
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.33 BUILDING 53 - SURPLUS  
EQUIPMENT STORAGE**

Building 53 is a one-story, 12,694 square foot building constructed of concrete floors and metal exterior walls. The roofing material is foam over corrugated metal.

**TABLE 3.33.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 53**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	30	LF
Roof	Roofing Material	12,694	SF
FD	Fire doors	6	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

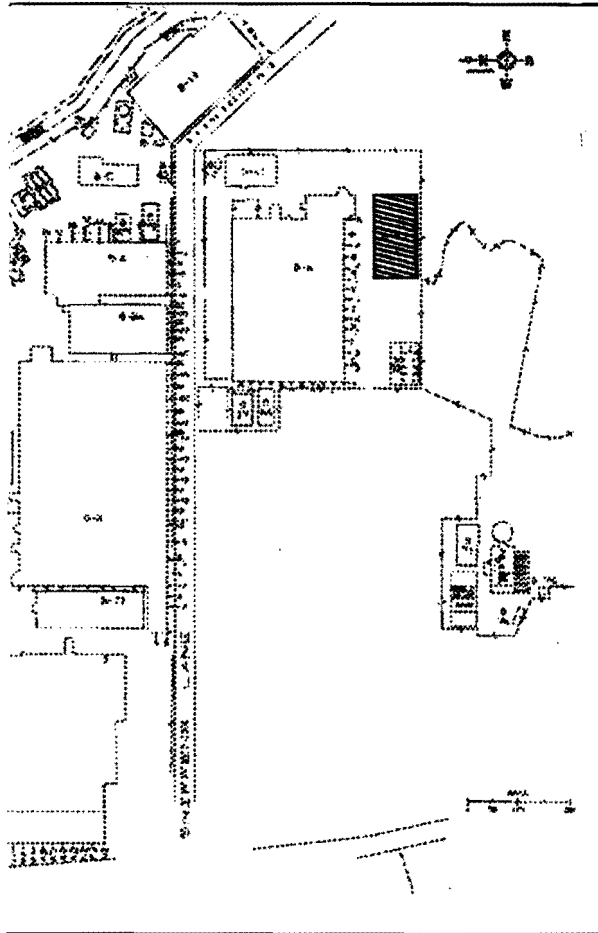
**TABLE 3.33.2  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 53**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
110497- 1011	110397 - 53 - 281 - 01	Plaster-like yellow/white window caulking	3.9
110497- 1012	110397 - 53 - 282 - 01	White chewy window caulking	2.7


Notes:

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.

SCALE IN FEET  
1/8"=1'-0"



ON MAP

REV	DATE	DESCRIPTION	BY
 U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK			
STRATFORD ARMY ENGINE PLANT		STRATFORD, CT	
ASBESTOS SURVEY REPORT			
BUILDING 53 SAMPLE AND AREA LOCATIONS			A
<b>MALCOLM PIRNIE</b>		FIGURE	3.33.1
SCALE: AS NOTED	DATE: DEC. 1997	SHEET	

**3.33a BUILDING 53A - SMALL**  
**PORTABLE TRAILER**

Building 53A is a one-story, 60 square foot trailer constructed of concrete floors and metal exterior walls. The roofing material is rubberized membrane.

**TABLE 3.33a.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 53A**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
275	Linoleum - brown 1" x 2" tile pattern	60	SF
FD	Fire Doors	1	EA
WC	Window Caulking	5	LF

SF = Square Feet

**TABLE 3.33a.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 53A**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
102397- 945	102197 - 53A - 275 - 01	Linoleum - Brown 1" x 2" tile pattern	45.9
102397- 946	102197 - 53A - 275M - 01	Light beige mastic mixed with underlying wood for 275-01 (102397-946)	0.0

Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.



**3.34 BUILDING 58 - QUALITY AND TESTING FACILITY**

Building 58 is a one-story, 5,447 square foot building constructed of concrete floors and supports and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.

**TABLE 3.34.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 58**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation and associated fittings, magnesium block, 4-6" O.D.	124	LF
5	Pipe fitting insulation on fiberglass pipes	130	EA
124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	3,464	SF
113*	Floor tile and associated black mastic, brown with black and white streaks, 12" x 12"	132	SF
FD	Fire Doors	26	EA
Roof	Roofing Material	5,447	SF
WC	Window Caulking	50	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

**TABLE 3.34.2  
INVENTORY OF ASBESTOS CONTAINING MATERIALS  
BUILDING 58**

<b>Bld/Flr</b>	<b>Area #</b>	<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
58	1	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	312	SF
58	2	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	1,193	SF
58	2	113*	Floor tile and associated black mastic, brown with black and white streaks, 12" x 12"	132	SF
58	2	5	Pipe fitting insulation on fiberglass pipes	10	EA
58	3	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	251	SF
58	3	5	Pipe fitting insulation on fiberglass pipes	20	EA
58	4	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	75	SF
58	4	5	Pipe fitting insulation on fiberglass pipes	13	EA
58	5	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	126	SF
58	5	5	Pipe fitting insulation on fiberglass pipes	21	EA
58	6	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	120	SF
58	6	5	Pipe fitting insulation on fiberglass pipes	5	EA
58	7	5	Pipe fitting insulation on fiberglass pipes	40	EA
58	7	1	Pipe insulation and associated fittings, magnesium block, 4-6" O.D.	90	LF
58	7	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	507	SF
58	8	5	Pipe fitting insulation on fiberglass pipes	21	EA
58	9	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	80	SF
58	9	1	Pipe insulation and associated fittings, magnesium block, 4-6" O.D.	34	LF
58	10	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	685	SF
58	11	124	Floor tile and associated black mastic, light green with white and olive chips, 12" x 12"	115	SF
58	---	Roof	Roofing Material	5,447	SF
58	---	WC	Window Caulking	50	LF
58	---	FD	Fire doors	26	EA

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

\* PLM results for floor tile are negative, however, since mastic is positive and separation of these two materials is not feasible, floor tile has been included as ACM.

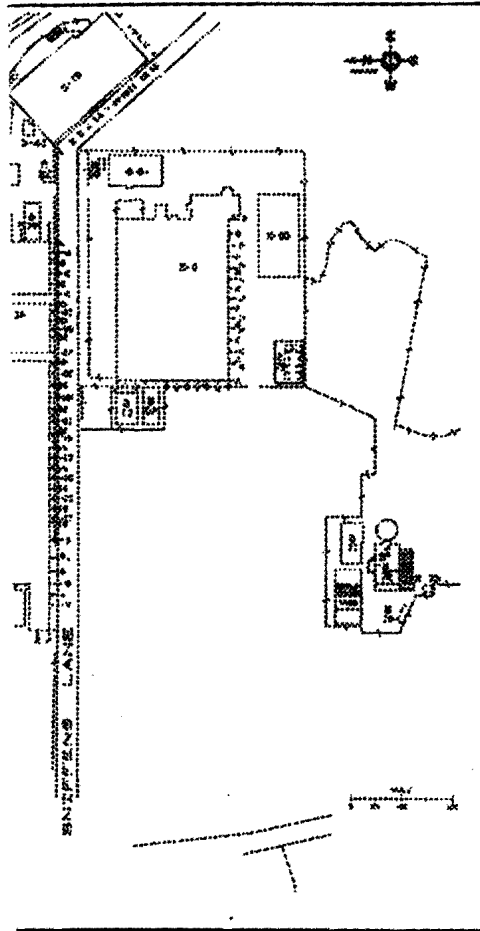
**TABLE 3.34.3  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 58**


Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
103096- 237	102996 - 58 - 124 - 01	12" x 12" Floor Tile - Light Green with White and Olive Green Chips	2.0
103096- 238	102996 - 58 - 124M - 01	Black Mastic from 12" x 12" Floor Tile - Light Green with White and Olive Green Chips	9.7
103096- 239	102996 - 58 - 113 - 01	12" x 12" Floor Tile - Brown with Black and White Streaks	0.0
103096- 240	102996 - 58 - 113M - 01	Black Mastic from 12" x 12" Floor Tile - Brown with Black and White Streaks	1.5
103096- 241	102996 - 58 - 12 - 01	2' x 4' Acoustical Ceiling Tile - Hippy Holes - Grey Interior	0.0
103096- 242	102996 - 58 - 26 - 01	2' x 4' Acoustical Ceiling Tile - Large Cracks - Grey Interior	0.0
103096- 243	102996 - 58 - 126 - 01	1' x 1' Acoustical Ceiling Tile - Large Linear Cracks with Pin Holes - White Interior	0.0
103096- 244	102996 - 58 - 04 - 01	2' x 4' Acoustical Ceiling Tile - Mixed Hole Pattern - Grey Interior	0.0
103096- 245	102996 - 58 - 125 - 01	Solid 3/4" thick Grey Composite Paperboard on back of Lights	0.0
103096- 246	102996 - 58 - 128 - 01	Leveling Compound under Paint on Concrete Floor	0.0
103096- 247	102996 - 58 - 14 - 01	Gypsum Wall Board	0.0
103096- 248	102996 - 58 - 127 - 01	1' x 1' Acoustical Ceiling Tile - White - Random Holes - Bumpy - Grey Interior	0.0
103096- 249	102996 - 58 - 05 - 01	Pipe Fitting Insulation on Fiberglass Insulated Pipe	0.0
103096- 250	102996 - 58 - 73 - 01	Baseboard Mastic - Brown, Brittle	0.0

Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

SCALE IN FEET  
1/8"=1'-0"



REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT ASBESTOS SURVEY REPORT</p> <p style="text-align: center;">BUILDING 58 SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		<p>FIGURE</p> <p style="text-align: center;">3.34:1</p>	
<p>SCALE: AS NOTED</p>		<p>DATE: DEC. 1997</p>	<p>SHEET</p>

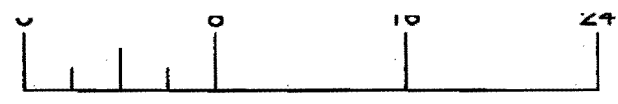
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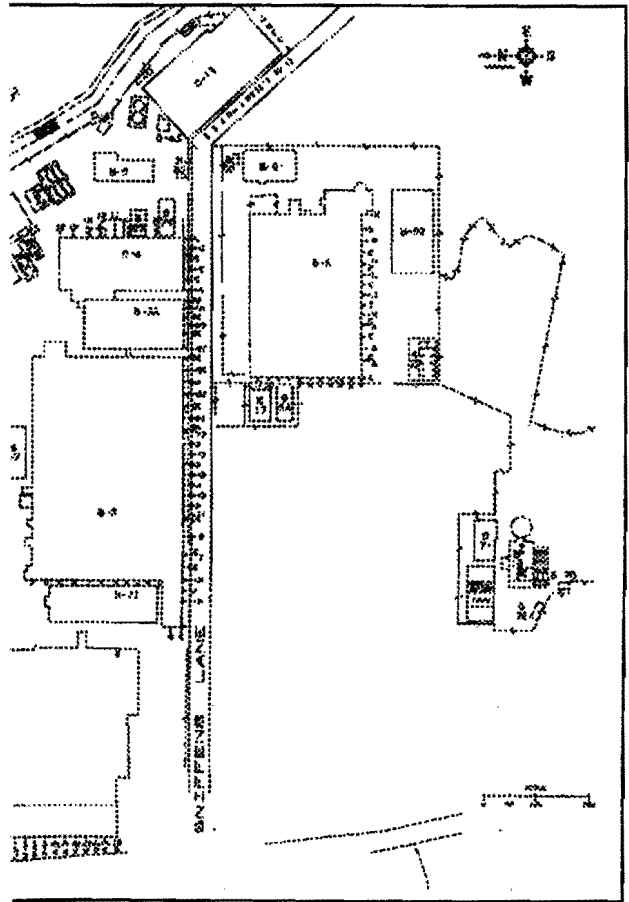
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**3.35 BUILDING 59 - ENGINEERING**  
**STORAGE**


Building 59 is a one-story, 3,220 square foot building constructed of concrete floors, concrete supports and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.



SCALE IN FEET  
1/8"=1'-0"



LOCATION MAP

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 59</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM PIRNIE</b>		<b>FIGURE</b> 3.35.1	
<b>SCALE: AS NOTED</b>		<b>DATE: DEC. 1997</b>	<b>SHEET</b>

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**3.36 BUILDING 60 - NATURAL GAS  
COMPRESSION STATION**

Building 60 is a one-story, 190 square foot garage constructed of a concrete floor, concrete supports, and masonry exterior walls. Roofing consists of tar and felt built-up roofing material.



**TABLE 3.36.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 60**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
Roof	Roofing Material	190	SF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.37 BUILDING 61 - REFRIGERATION**  
**PLANT**

Building 61 is a one-story, 6,211 square foot building constructed of concrete floors and metal exterior walls. The roofing material is foam over corrugated metal.

**TABLE 3.37.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 61**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
1	Pipe insulation, magnesium block, 6" O.D.	60	LF
2A	Heat exchanger insulation, magnesium block, 14" O.D.	7	LF
3	Still Pot insulation, magnesium block	126	SF
FD	Fire Doors	6	EA
Roof	Roofing Material	6,211	SF
WC	Window Caulking	1,050	LF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**TABLE 3.37.2  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 61**

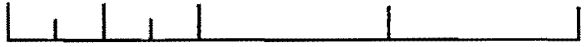
Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
100896- 001	091996 - 61 - 01 - 01	Mag Block Pipe Insulation	39
100896- 002	091996 - 61 - 01 - 02	Mag Block Pipe Insulation	n
100896- 003	091996 - 61 - 01 - 03	Mag Block Pipe Insulation	n
100896- 004	091996 - 61 - 2A - 01	Mag Block Heat Exchanger Insulation	59
100896- 005	091996 - 61 - 03 - 01	Still Pot Insulation	41.8
100896- 006	091996 - 61 - 03 - 02	Still Pot Insulation	n
100896- 007	091996 - 61 - 03 - 03	Still Pot Insulation	n
100896- 008	091996 - 61 - 04 - 01	2' X 4' Acoustical Ceiling Tile, Mixed Hole Pattern (Grey interior)	0
110497- 1013	110397 - 61 - 281 - 01	Plaster-like white caulking around vent	2.9
110497- 1014	110397 - 61 - 285 - 01	Grey flexible caulking around wall of air filters inside structure	0.0
110497- 1015	110397 - 61 - 282 - 01	White chewy exterior window caulking (2-36"x29" each & 1" wide)	0.0

**Notes:**

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

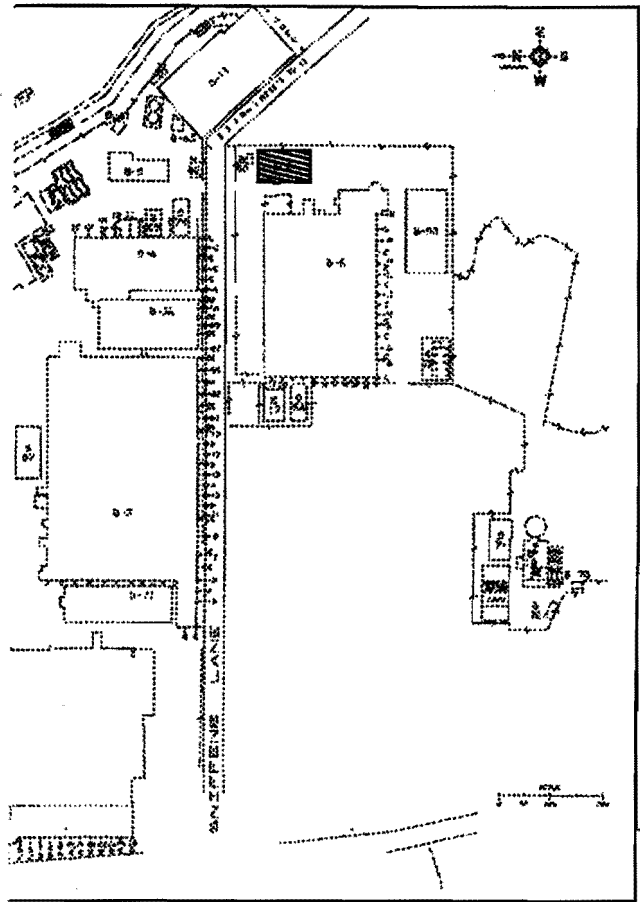
**Key:**

n = Sample not analyzed because another sample of same material yielded positive results.




SCALE IN FEET

1/8"=1'-0"



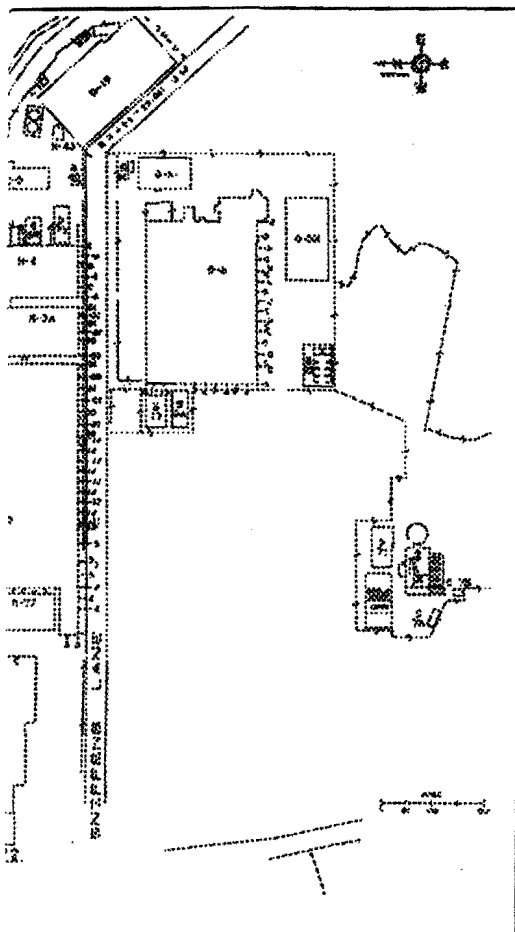
LOCATION MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</p> <p>ASBESTOS SURVEY REPORT</p> <p><b>BUILDING 61</b></p> <p>SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		FIGURE	3.37.1
SCALE: AS NOTED		DATE: DEC. 1997	SHEET


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1/16"=1'-0"



IAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</p> <p>ASBESTOS SURVEY REPORT</p>			
<p>BUILDING 65</p> <p>SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		<p>FIGURE</p> <p>3.41.1</p>	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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**3.42 BUILDING 67 - STORAGE  
FACILITY**

Building 67 is a one-story, 5,033 square foot building constructed of concrete floors, steel supports, and metal exterior walls. The roof of Building 67 consists of a new rubberized roofing membrane.

**TABLE 3.42.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 67**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

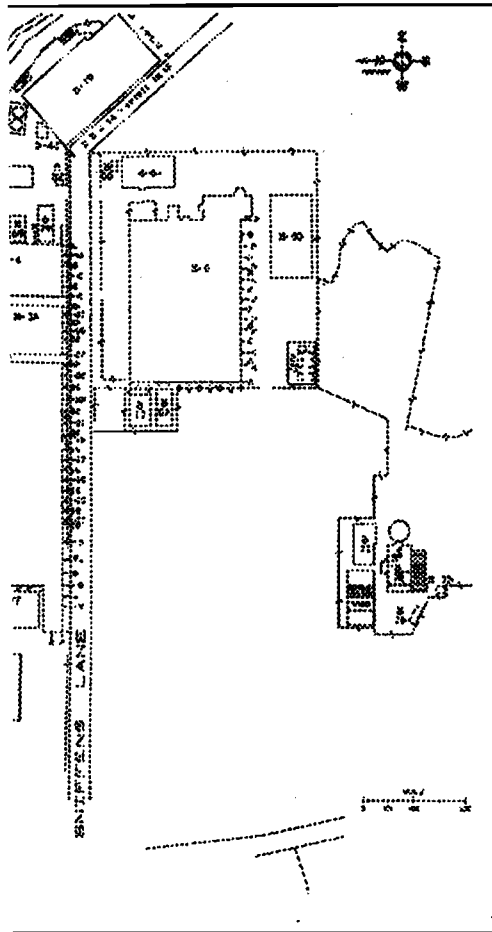
<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	25	LF
FD	Fire doors	4	EA

Key:


LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter



1/8"=1'-0"



IAP

REV	DATE	DESCRIPTION	BY
 <b>U.S. ARMY ENGINEER DISTRICT, NEW YORK</b> <b>CORPS OF ENGINEERS</b> <b>NEW YORK, NEW YORK</b>			
<b>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</b> <b>ASBESTOS SURVEY REPORT</b>			
<b>BUILDING 67</b> <b>SAMPLE AND AREA LOCATIONS</b>			
<b>MALCOLM</b> <b>PIRNIE</b>		<b>FIGURE</b> <b>3.42.1</b>	
SCALE: AS NOTED		DATE: DEC. 1997	SHEET

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**3.43 BUILDING 68 - EMERGENCY  
GENERATOR  
(500 K.W.)**

Building 68 is a one-story, 388 square foot building constructed of concrete floors, steel supports, and metal exterior walls. The roof of Building 68 consists of a new rubberized roofing membrane.

**TABLE 3.43.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 68**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

Item #	Material Description	Quantity	Units
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.44 BUILDING 69 - RESIDENT**  
**ENGINEER C.O.E.**

Building 69 is a one-story, 1,500 square foot trailer constructed of wood floors, steel supports, and wood exterior walls. The roof of Building 69 consists of a new rubberized roofing membrane.

**TABLE 3.44.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 69**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	550	LF
FD	Fire doors	4	EA

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
112	Unknown tile and associated mastic, under carpet	1,500	SF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

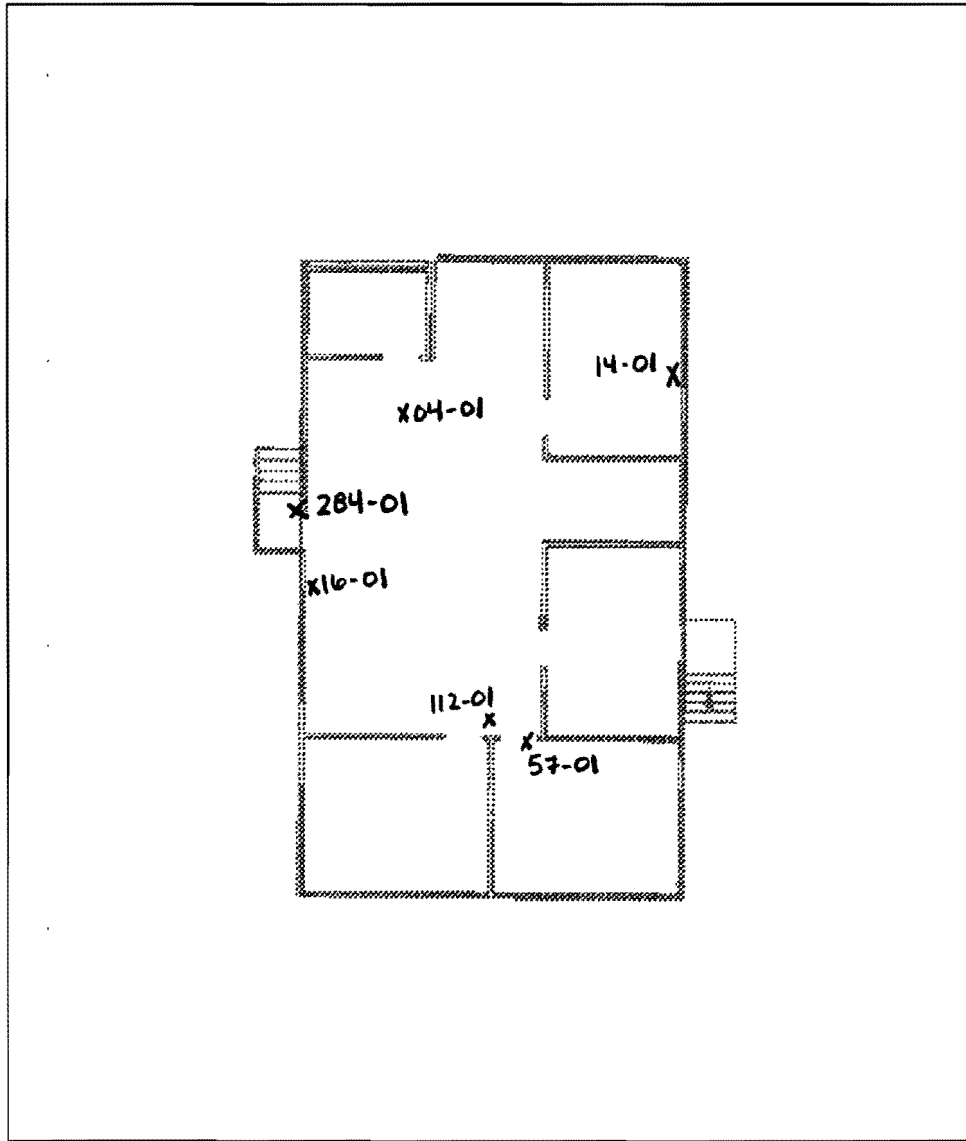
**TABLE 3.44.2  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 69**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
103096- 195	102596 - 69 - 112 - 01	Unknown Tile under Carpet - Cream color	0.0
103096- 196	102596 - 69 - 57 - 01	Yellow Gummy Carpet Mastic	0.0
103096- 197	102596 - 69 - 14 - 01	Gypsum Wall Board - White	0.0
103096- 198	102596 - 69 - 04 - 01	2' x 4' Acoustical Ceiling Tile - Mixed Hole Pattern - Grey interior	0.0
103096- 199	102596 - 69 - 16 - 01	Tan Gummy Baseboard Mastic	0.0
110497- 1016	110397 - 69 - 284 - 01	Black flexible exterior caulking on doorway, same as windows as well	0.0

Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

7308 028565770 I:\02856550\IMAGES\0285S69 Scale: 1:11 Date: 12/16/1997 Time: 15:42



BUILDING 69

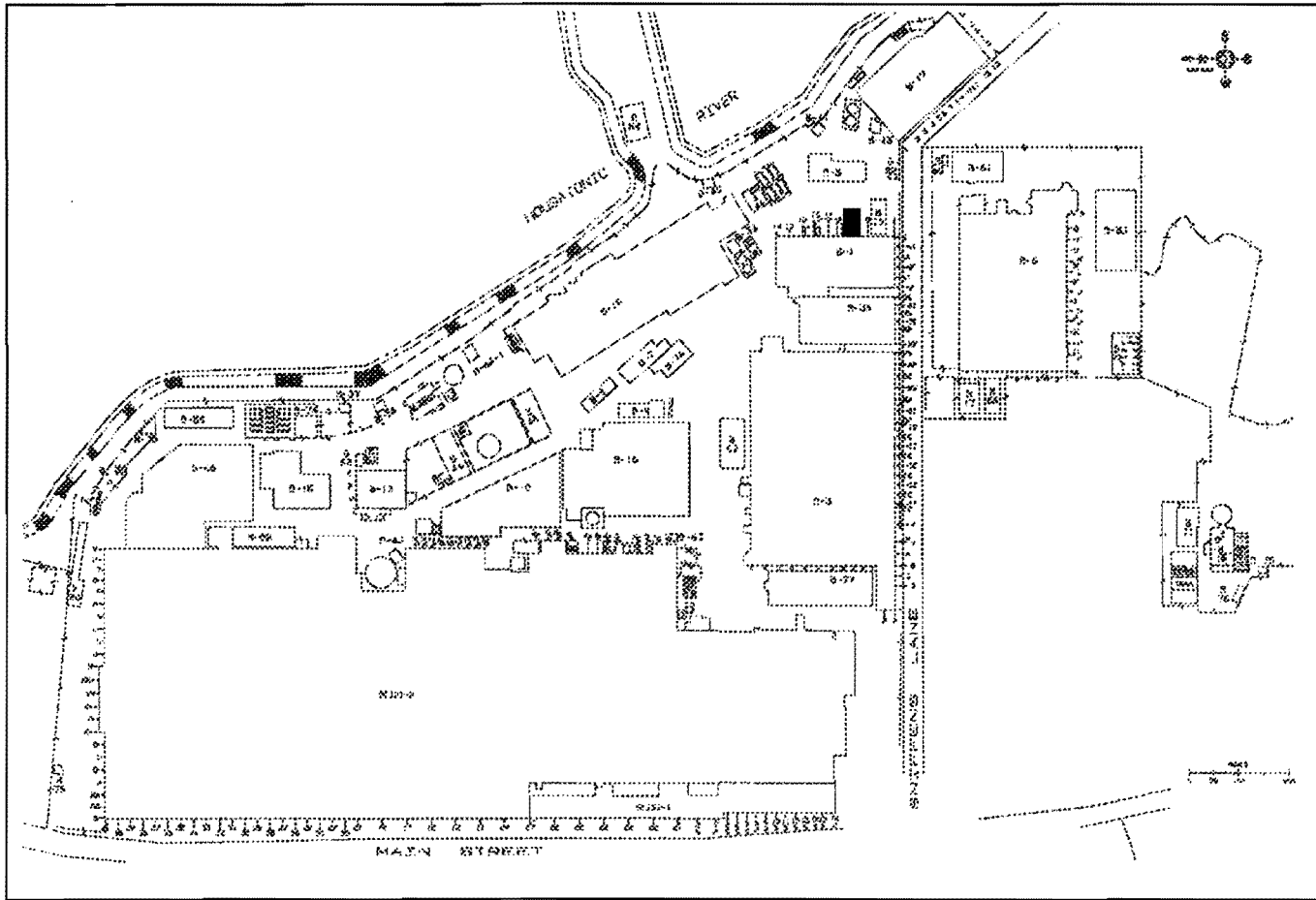
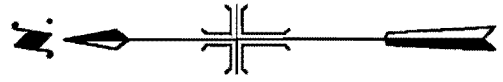
SOURCE: ALLIEDSIGNAL INC.  
STRATFORD, CT.

**MALCOLM  
PIRNIE**



U.S. ARMY ENGINEER DISTRICT, NEW YORK  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK

STRATFORD ARMY EN  
STRATFORD, CON  
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BUILDING LOCATION MAP

**KEY:**

x 26-01 = Sample Location

102 = Area ID



SCALE IN FEET

1/16" = 1'-0"



### **3.45 BUILDING 70 - CYANIDE TREATMENT BUILDING**

Building 70 is a one-story, 832 square foot building constructed of concrete floors, steel supports, and metal exterior walls. The roof of Building 70 consists of a new rubberized roofing membrane.

**TABLE 3.45.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 70**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	50	LF
FD	Fire doors	1	EA

Key:

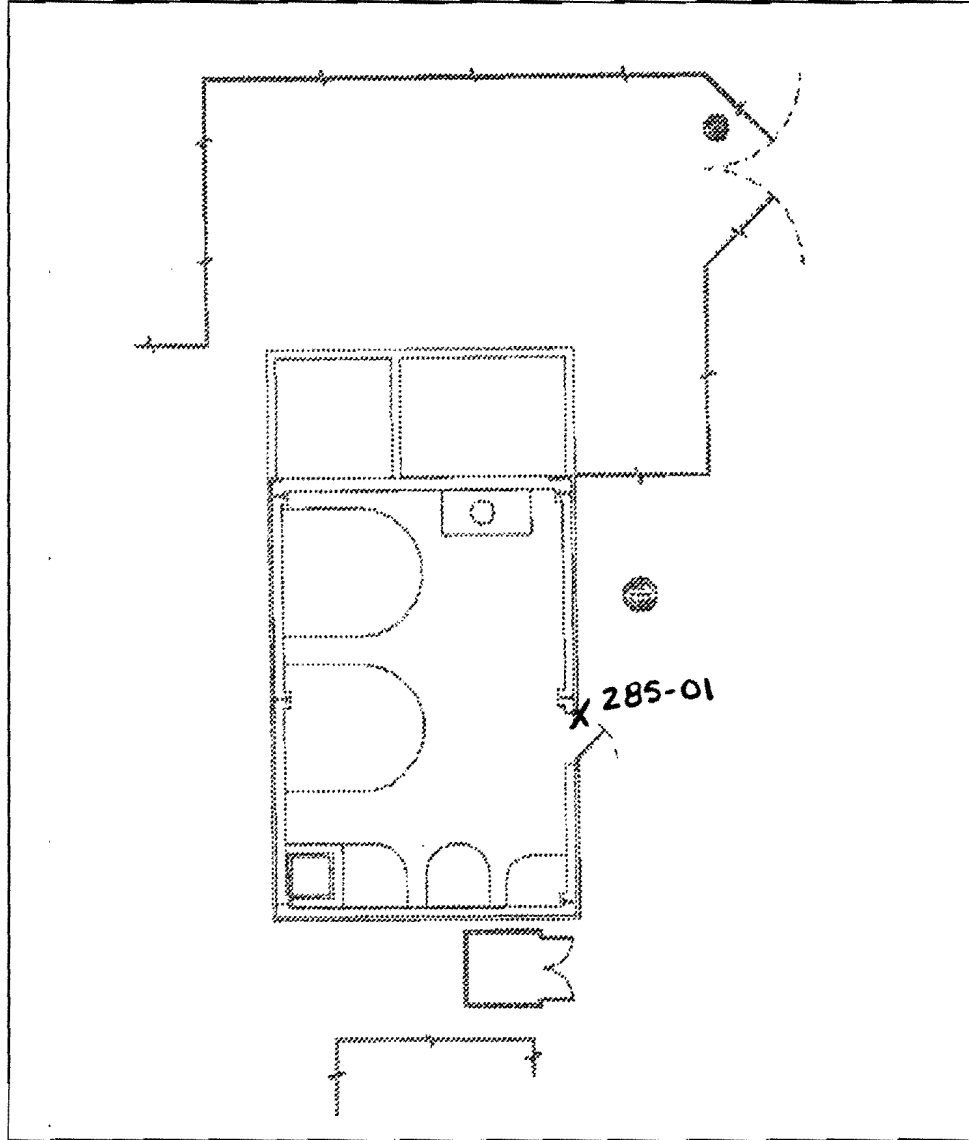
LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**TABLE 3.45.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 70**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
110497- 1017	110397 - 70 - 285 - 01	White flexible exterior caulking on side of doorway	0.0

Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.



BUILDING 70

SOURCE: ALLIEDSIGNAL INC.  
STRATFORD, CT.

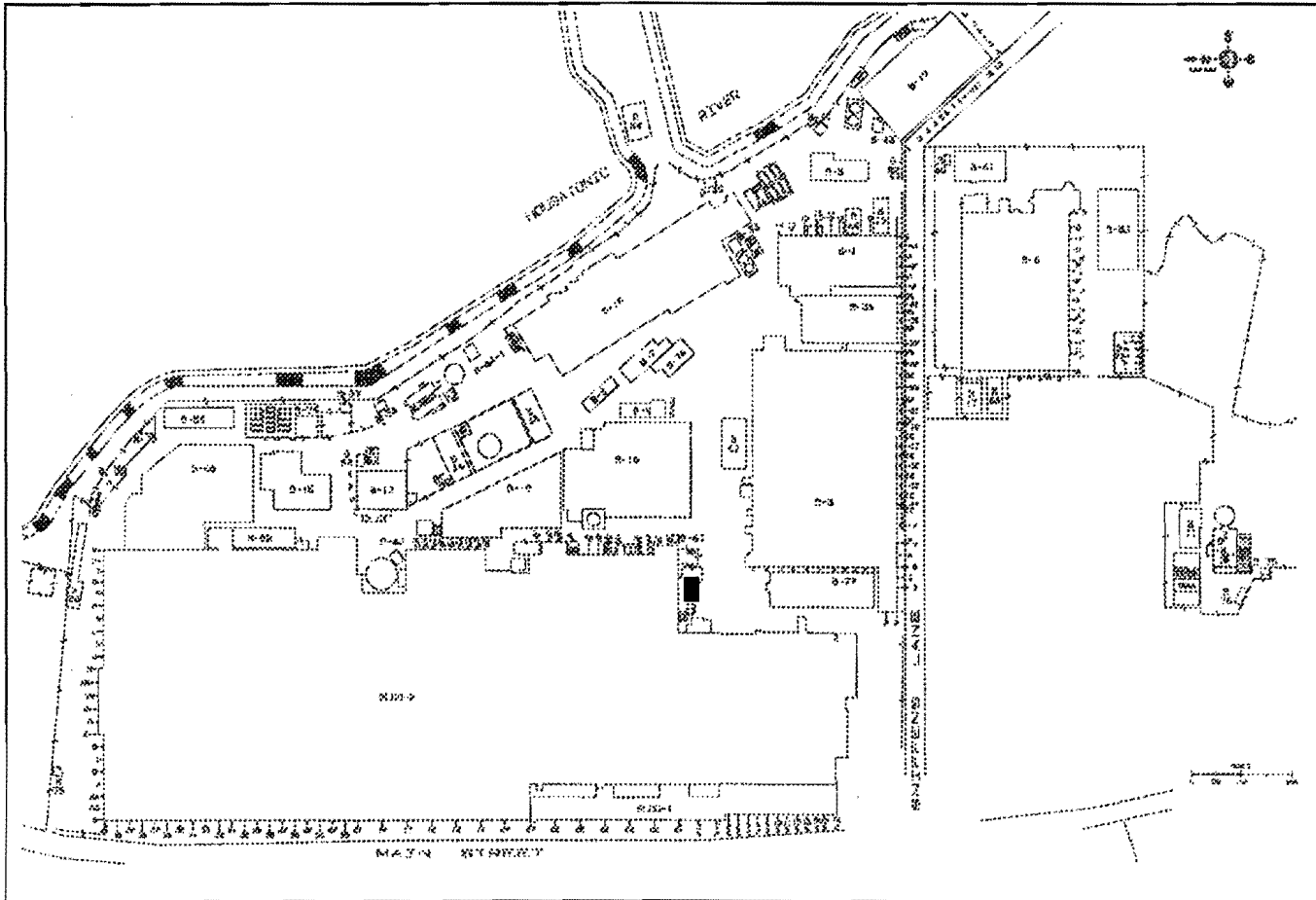
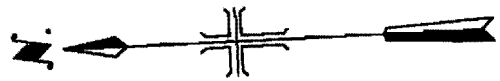
**MALCOLM  
PIRNIE**



U.S. Army Corps  
of Engineers

U.S. ARMY ENGINEER DISTRICT, NEW YORK  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK

STRATFORD ARMY  
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ASBESTOS SURV

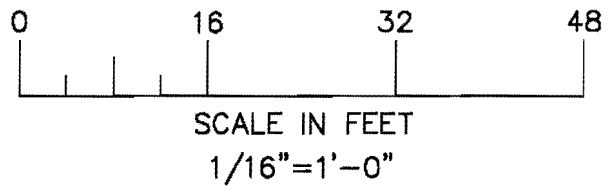


BUILDING LOCATION MAP

**KEY:**

x 26-01 = Sample Location

102 = Area ID



**3.46 BUILDING 71 - C.W.T.P. SOLIDS**  
**HANDLING**

Building 71 is a one-story, 3,272 square foot building constructed of concrete floors, steel supports, and metal exterior walls. The roof of Building 70 consists of a new rubberized roofing membrane.

**TABLE 3.46.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 71**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	250	LF
FD	Fire doors	3	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**TABLE 3.46.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 71**

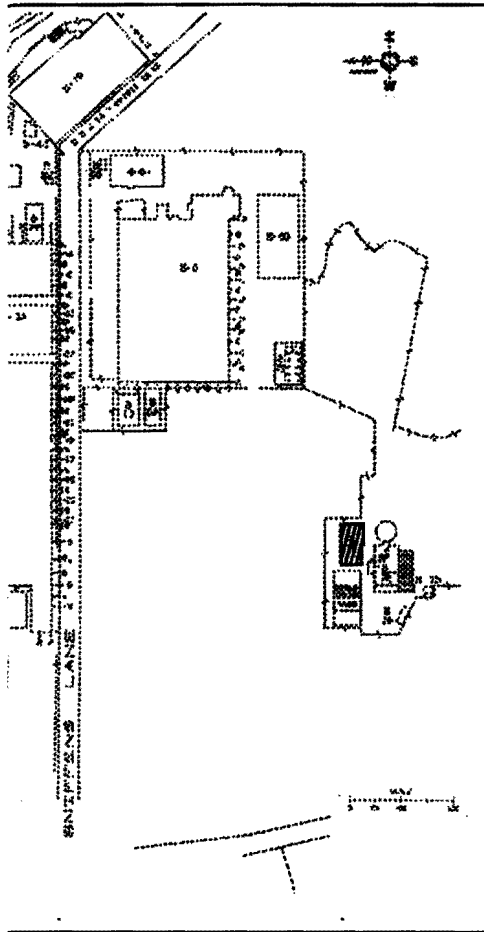
Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
110497- 1018	110397 - 71 - 282 - 01	White chewy caulking with grey outer color	0.0
060297- 290	051597 - 71 - 14 - 01	Sheetrock wall sample	0.0
060297- 291	051497 - 71 - 144 - 01	Plaster-like valve fittings, white	0.0
060297- 292	051497 - 71 - 26 - 01	2' x 4' ACT, large cracks	0.0

**Notes:**


<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.



1/8"=1'-0"  
(APPROXIMATE)



AP

REV	DATE	DESCRIPTION	BY
 US Army Corps of Engineers			
U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK			
STRATFORD ARMY ENGINE PLANT		STRATFORD, CT	
ASBESTOS SURVEY REPORT			
BUILDING 71 SAMPLE AND AREA LOCATIONS			
<b>MALCOLM PIRNIE</b>		FIGURE	3.46.1
SCALE: AS NOTED	DATE: DEC. 1997	SHEET	

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**3.47 BUILDING 72 - FUEL PUMPING**  
**STATION**

Building 72 is a one-story, 4,401 square foot trailer constructed of concrete floors, steel supports, and metal exterior walls. The roof consists of a rubberized roofing membrane.

**TABLE 3.47.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 72**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
FD	Fire doors	2	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

**3.48 BUILDING 73 - HAZARDOUS  
WASTE STORAGE AREA**

Building 73 is a 471 square foot open shed. The floor of the shed is constructed of concrete and the supports are wood. The roof of this shed consists of a rubberized roofing membrane. This building does not contain any suspect asbestos containing building material therefore no tables are provided.

**3.49 BUILDING 74 - HAZARDOUS  
WASTE STORAGE AREA**

Building 74 is a 975 square foot open shed. The floor of the shed is constructed of concrete and the supports are wood. The roof of this shed consists of a rubberized roofing membrane. This building does not contain any suspect asbestos containing building material therefore no tables are provided.

**3.50 BUILDING 75 - HAZARDOUS  
WASTE STORAGE AREA**

Building 75 is a 239 square foot open shed. The floor of the shed is constructed of concrete and the supports are wood. The roof of this shed consists of a rubberized roofing membrane. This building does not contain any suspect asbestos containing building material therefore no tables are provided.

**3.51 BUILDING 76 - HAZARDOUS  
WASTE STORAGE AREA**

Building 76 is a 456 square foot open shed. The floor of the shed is constructed of concrete and the supports are wood. The roof of this shed consists of a rubberized roofing membrane. This building does not contain any suspect asbestos containing building material therefore no tables are provided.

**3.52 BUILDING 77 - R.M.O.B. (I.S.D.,  
ENG.)**

Building 77 is a one-story, 14,890 square foot trailer constructed of wood floors, steel supports, and wood exterior walls. The roof of Building 77 consists of a new rubberized roofing membrane.



**TABLE 3.52.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 77**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	2,200	LF
FD	Fire doors	5	EA

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

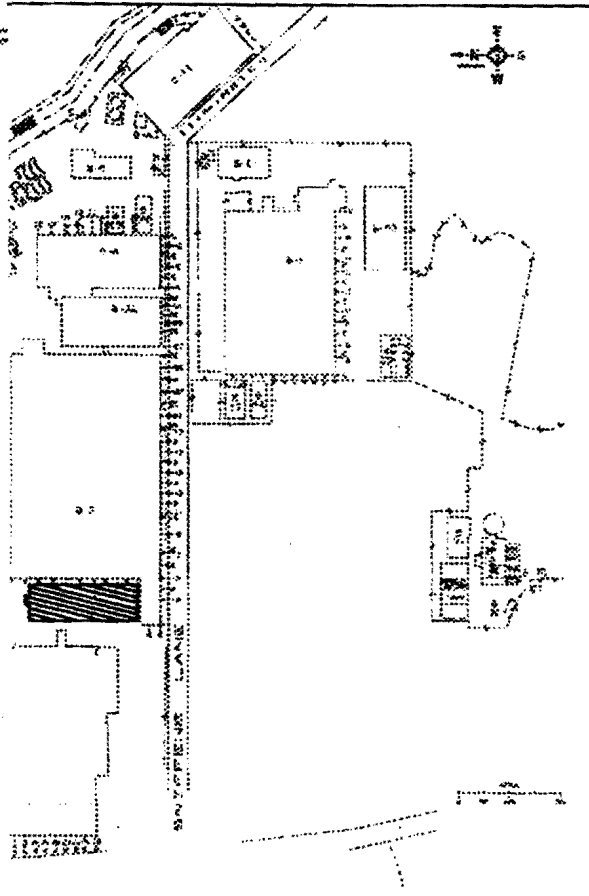
**TABLE 3.52.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 77**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
110497- 1019	110397 - 77 - 282 - 01	White chewy exterior window caulking	0.0
110497- 1020	110397 - 77 - 284 - 01	Black flexible exterior caulking on doorway	0.0
060297- 274	110596 - 77 - 111 - 01	Linoleum floor - beige w/ brown hair and yellow dots	0.0
060297- 275	110596 - 77 - 110 - 01	2' x 2' acoustical ceiling tile, swirly cracks	0.0
060297- 276	110596 - 77 - 14 - 01	Sheetrock walls (gray)	0.0
060297- 277	110596 - 77 - 57 - 01	Yellow gummy carpet mastic	0.0


Notes:

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.

1/8"=1'-0"



ON MAP

REV	DATE	DESCRIPTION	BY
 <p>U.S. ARMY ENGINEER DISTRICT, NEW YORK CORPS OF ENGINEERS NEW YORK, NEW YORK</p>			
<p>STRATFORD ARMY ENGINE PLANT                      STRATFORD, CT</p> <p>ASBESTOS SURVEY REPORT</p> <p><b>BUILDING 77</b></p> <p>SAMPLE AND AREA LOCATIONS</p>			
<p><b>MALCOLM PIRNIE</b></p>		<p>FIGURE 3.52.1</p>	
<p>SCALE: AS NOTED</p>		<p>DATE: DEC. 1997</p>	<p>SHEET</p>

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### **3.53 BUILDING 78 - SCALE AND GUARD HOUSE**

Building 78 is a one-story, 271 square foot building constructed of concrete floors, concrete supports, and masonry exterior walls. The roof of Building 78 is a shingle roof.

**TABLE 3.53.1  
TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS  
BUILDING 78**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	150	LF
Roof	Roofing Material	271	SF
FD	Fire doors	1	EA

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
13	Floor tile and associated black mastic, tan with tan and white chips, 12" x 12"	271	SF

**Key:**

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

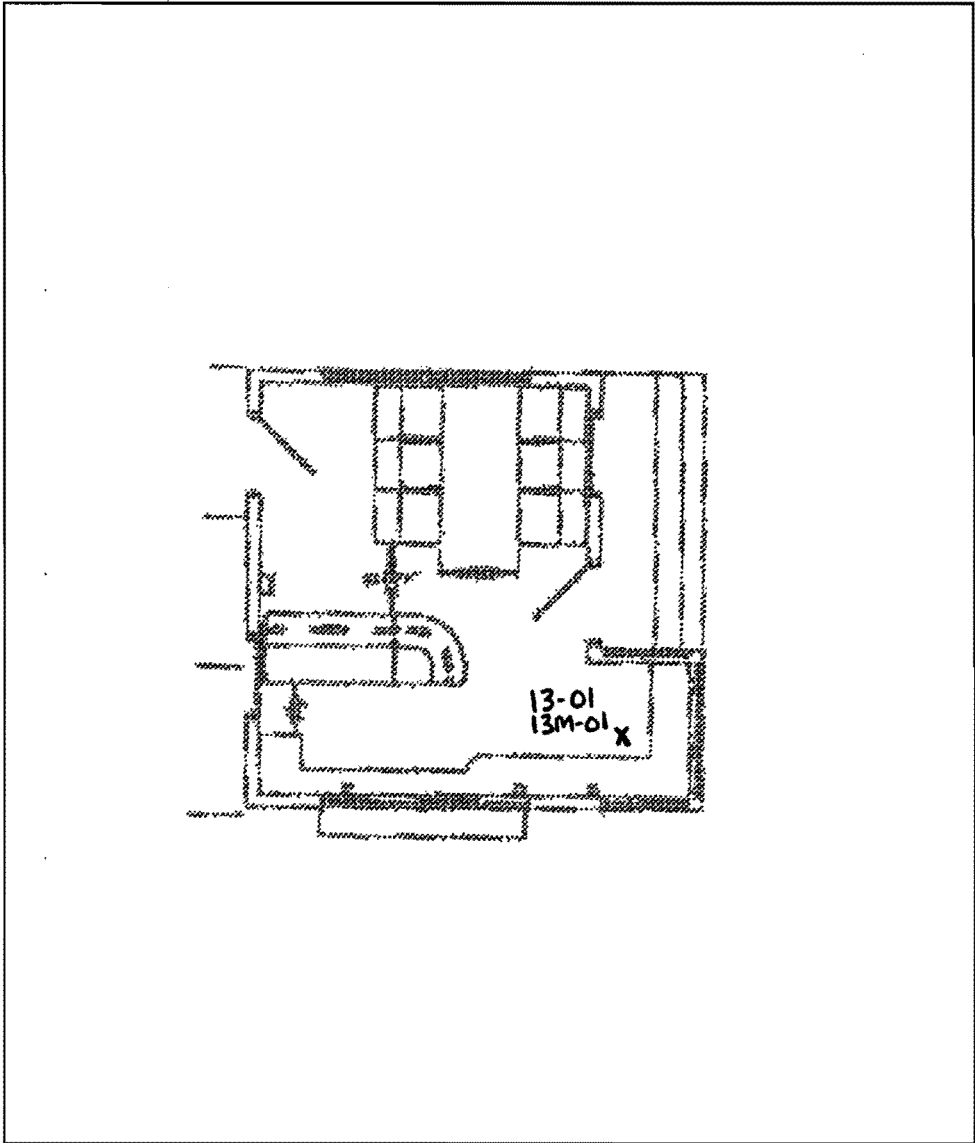
PLM = Polarized Light Microscopy

**TABLE 3.53.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 78**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
060297- 469	052197 - 78 - 13 - 01	12"x12" floor tile, tan with tan and white chips	0.0
060297- 470	052197 - 78 - 13M - 01	Black mastic from 12"x12" floor tile, tan with tan and white chips	0.0

Notes:

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.



BUILDING 78

SOURCE: ALLIEDSIGNAL INC.  
STRATFORD, CT.

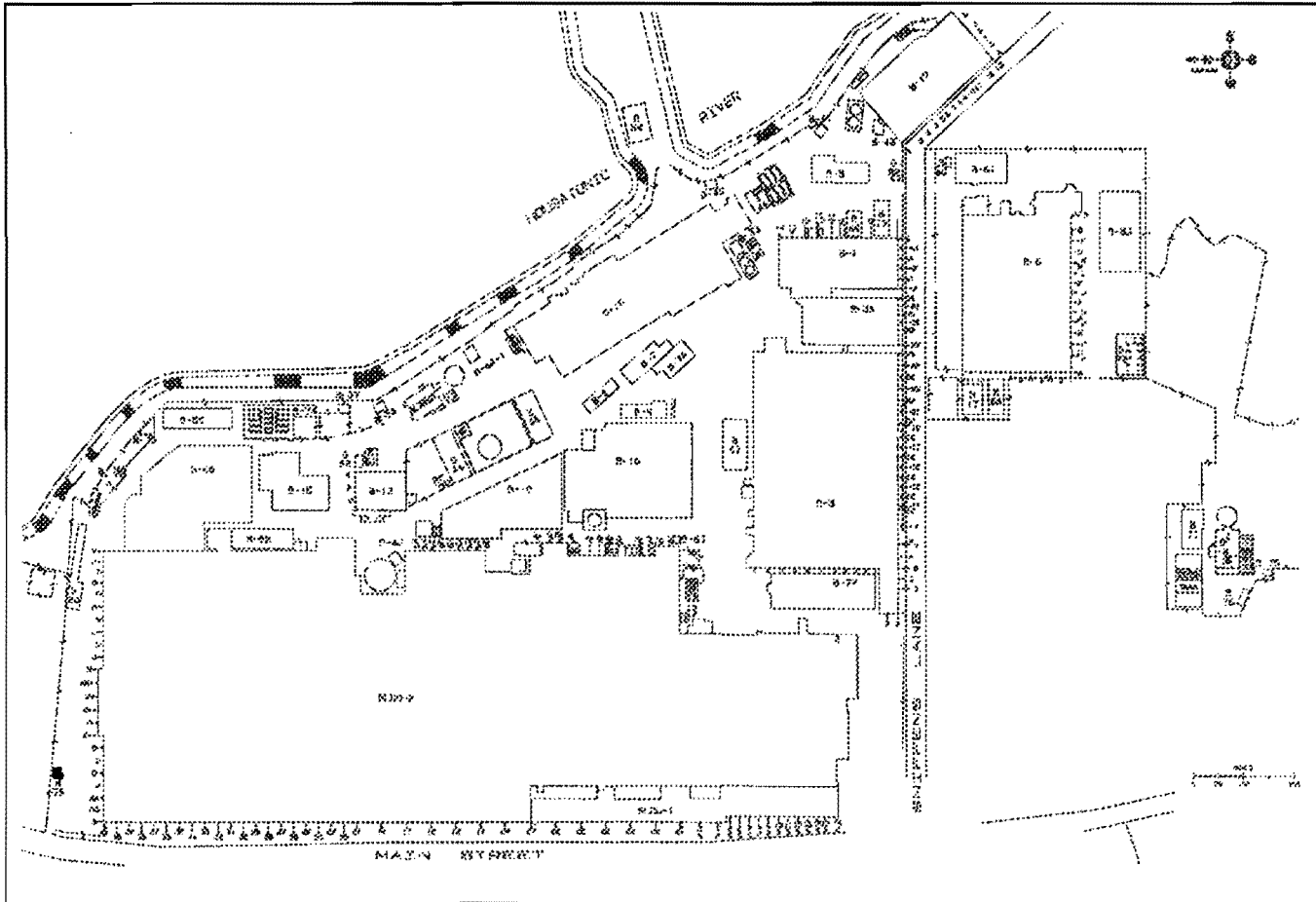
**MALCOLM  
PIRNIE**



US Army Corps  
of Engineers

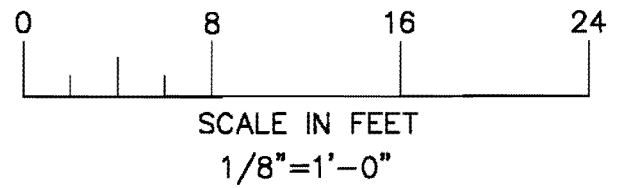
U.S. ARMY ENGINEER DISTRICT, NEW YORK  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK

STRATFORD ARMY EN  
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ASBESTOS SURVEY



BUILDING LOCATION MAP

**KEY:**  
x 26-01 = Sample Location  
102 = Area ID





### **3.54 BUILDING 79 - S.S.E. BUILDING**

Building 79 is a one-story, 2,100 square foot trailer constructed of wood floors, steel supports, and wood exterior walls. The roof of Building 79 consists of a new rubberized roofing membrane. The domestic water lines in this trailer were not accessible.

**TABLE 3.54.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 79**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

Item #	Material Description	Quantity	Units
111	Linoleum floor, beige with brown hair and yellow dots	1,350	SF
WC	Window Caulking	700	LF
FD	Fire Doors	2	EA

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

Item #	Material Description	Quantity	Units
113	Floor tile and associated mastic, Brown with black and white streaks, 12" x 12"	34	SF

Key:

SF = Square Feet

ACM = Asbestos containing material (>1% asbestos)

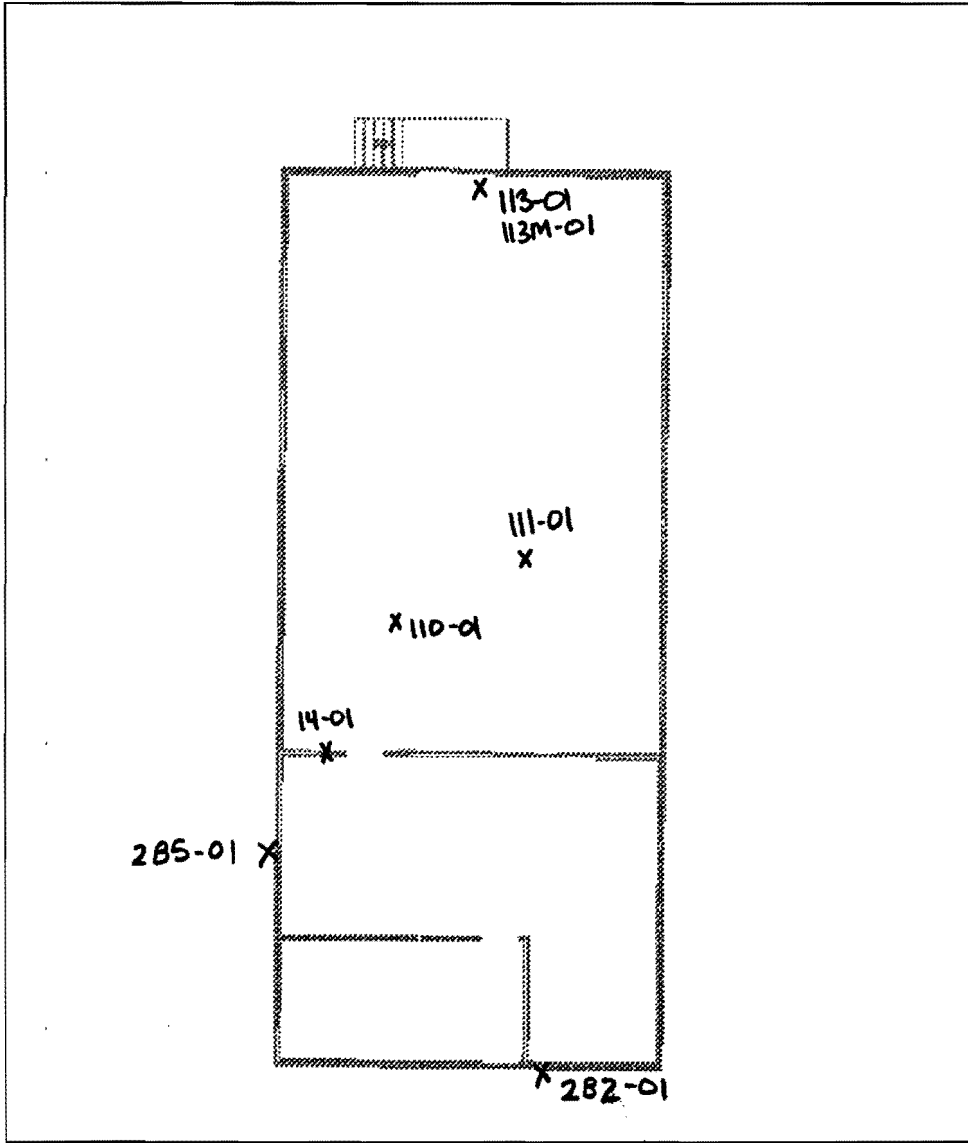
PLM = Polarized Light Microscopy

**TABLE 3.54.2  
SUMMARY OF ANALYTICAL RESULTS  
BUILDING 79**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
103096- 200	102596 - 79 - 111 - 01	Linoleum Floor - Beige with Brown Hair and Yellow Dots	17.9
103096- 201	102596 - 79 - 14 - 01	Gypsum Wall Board - White	0.0
103096- 202	102596 - 79 - 113 - 01	12" x 12" Floor Tile - Brown with Black and White Streaks	0.0
103096- 203	102596 - 79 - 110 - 01	2' x 2' Acoustical Ceiling Tile - Swirly Cracks - Grey Interior	0.0
103096- 204	102596 - 79 - 113M - 01	Black Mastic from 12" x 12" Floor Tile - Brown with Black and White Streaks	0.0
110497- 1021	110397 - 79 - 285 - 01	Grey flexible exterior caulking on doorway, no interior caulking (CK79-1)	0.0
110497- 1022	110397 - 79 - 282 - 01	White chewy window caulking, no interior caulking (CK79-2)	3.3

Notes:

(1) Results are based upon Polarized Light Microscopy (PLM) analysis.



BUILDING 79

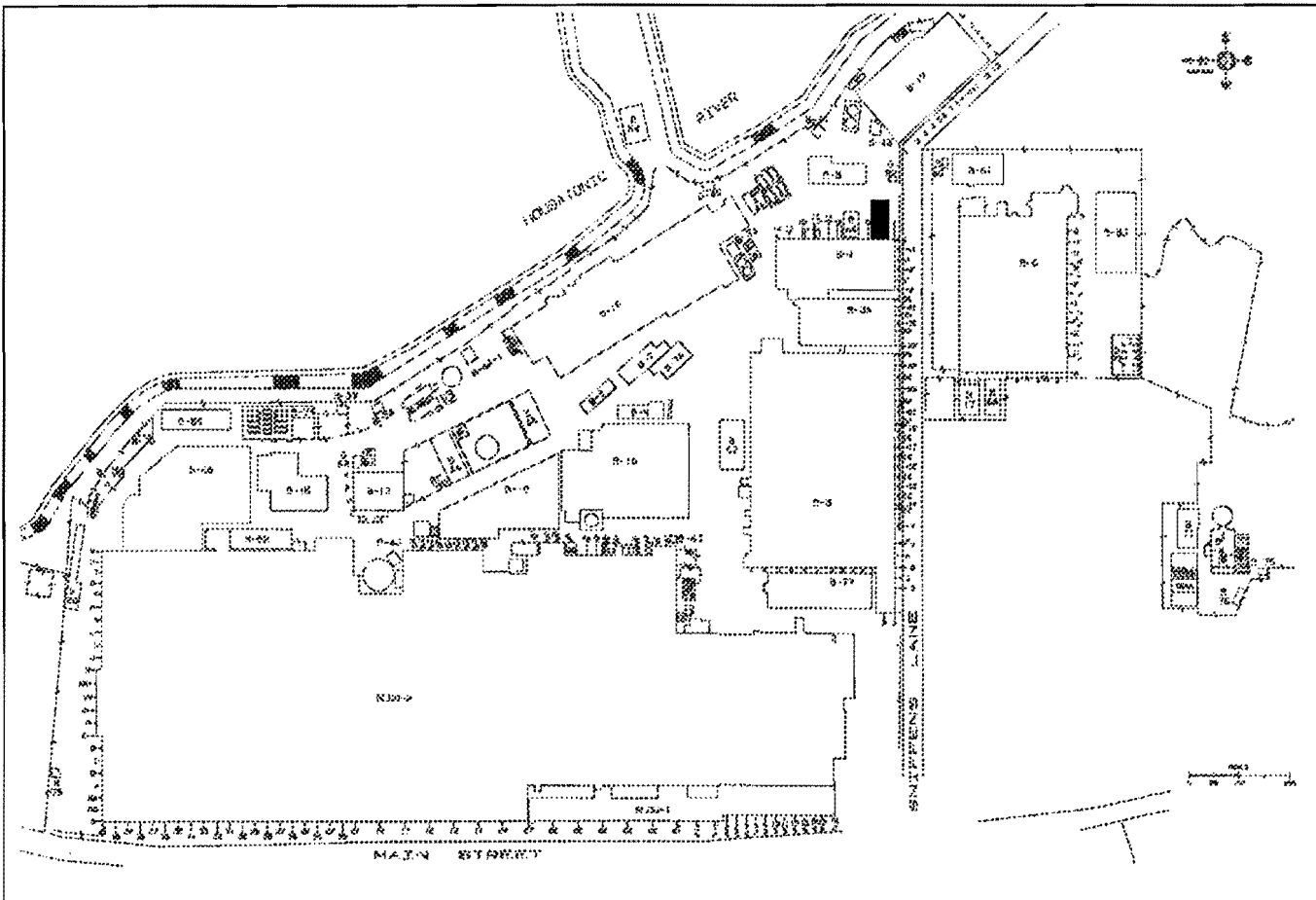
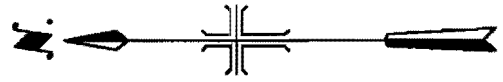
SOURCE: ALLIEDSIGNAL INC.  
STRATFORD, CT.

**MALCOLM  
PIRNIE**



U.S. ARMY ENGINEER DISTRICT, NEW YORK  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK

STRATFORD ARMY EN  
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ASBESTOS SURVEY

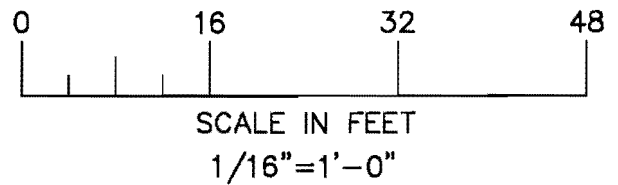


BUILDING LOCATION MAP

**KEY:**

x 26-01 = Sample Location

102 = Area ID



### **3.55 BUILDING 80 - COVERED STORAGE AREA**

Building 80 is a 3,279 square foot open shed. The floor of the shed is constructed of concrete and the supports are wood. The roof of this shed consists of a rubberized roofing membrane. This building does not contain any suspect asbestos containing building material therefore no tables are provided.

**3.56 BUILDING 81 - PROPANE  
STORAGE AREA**

Building 81 is a 736 square foot open shed. The floor of the shed is constructed of concrete and the supports are steel. The roof of this shed consists of a rubberized roofing membrane. of this shed consists of a rubberized roofing membrane. This building does not contain any suspect asbestos containing building material therefore no tables are provided.

### **3.57 BUILDING 82 - GUARD POST #5**

Building 82 is a one-story, 125 square foot building constructed of concrete floors, steel supports, and metal exterior walls. The roof of Building 82 consists of a rubberized roofing membrane.



**TABLE 3.57.1**  
**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**  
**BUILDING 82**

**TOTAL ESTIMATED QUANTITIES OF ASBESTOS CONTAINING MATERIALS**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
WC	Window caulking	60	LF
FD	Fire doors	1	EA

**TOTAL ESTIMATED QUANTITIES OF FLOOR TILE AND FLOOR TILE MASTIC - NON-ACM BY PLM**

<b>Item #</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Units</b>
92	Floor tile and associated mastic, sky blue with small white streaks, 12" x 12"	125	SF

Key:

LF = Linear Feet; SF = Square Feet; EA = Each; O.D. = Outer Diameter

ACM = Asbestos containing material (>1% asbestos)

PLM = Polarized Light Microscopy

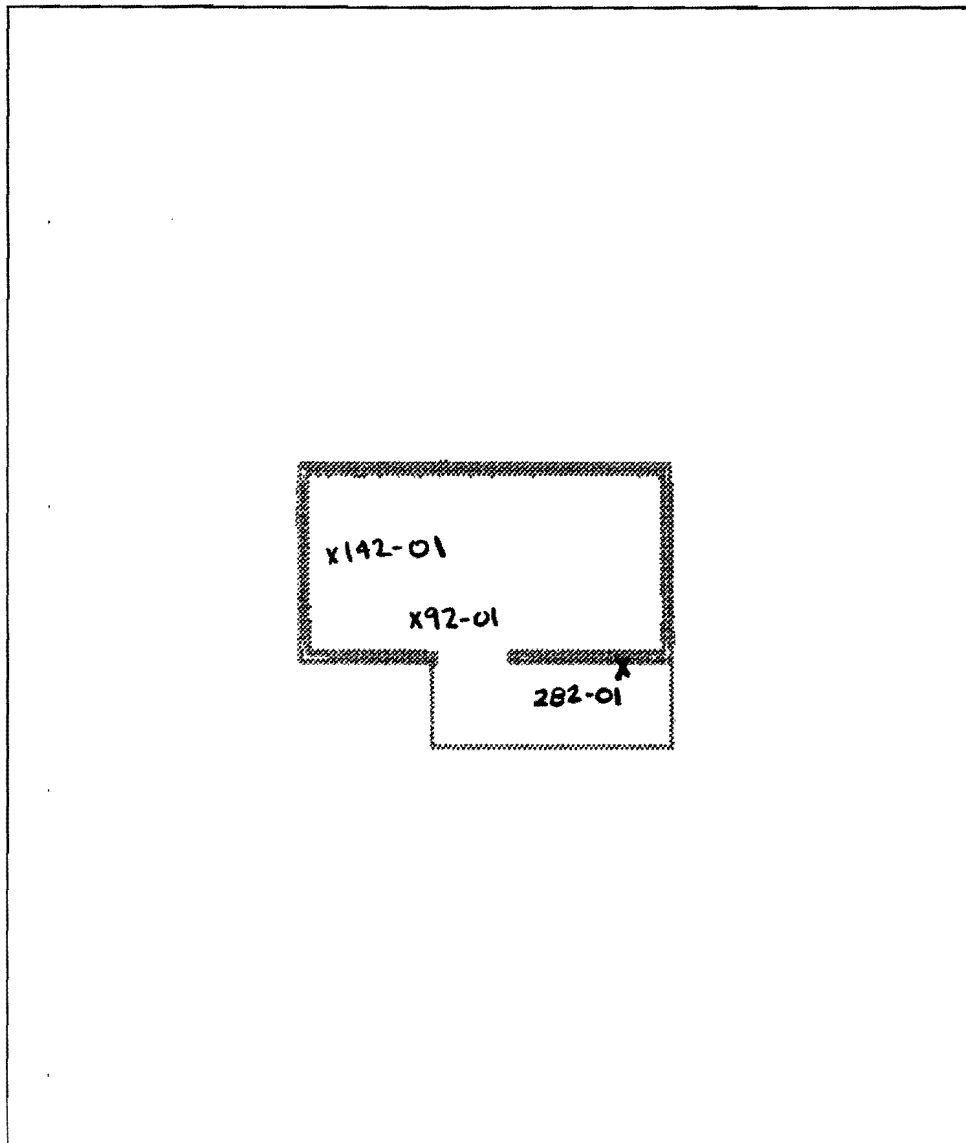
**TABLE 3.57.2**  
**SUMMARY OF ANALYTICAL RESULTS**  
**BUILDING 82**

Lab Sample No.	Field Sample No.	Description	% Asb <sup>(1)</sup>
110497- 1023	110397 - 82 - 282 - 01	White chewy window exterior caulking with grey outer color	3.0
060297- 288	051397 - 82 - 92 - 01	12" x 12" floor tile - sky blue with small white streaks	0.0
060297- 289	051397 - 82 - 142 - 01	Linoleum flooring - brown tile pattern	0.0

Notes:

<sup>(1)</sup> Results are based upon Polarized Light Microscopy (PLM) analysis.

7308 0285655r | I:\02856550\IMAGES\0285S82 Scale: 1:11 Date: 12/17/1997 T 18:38



BUILDING 82

SOURCE: ALLIEDSIGNAL INC.  
STRATFORD, CT.

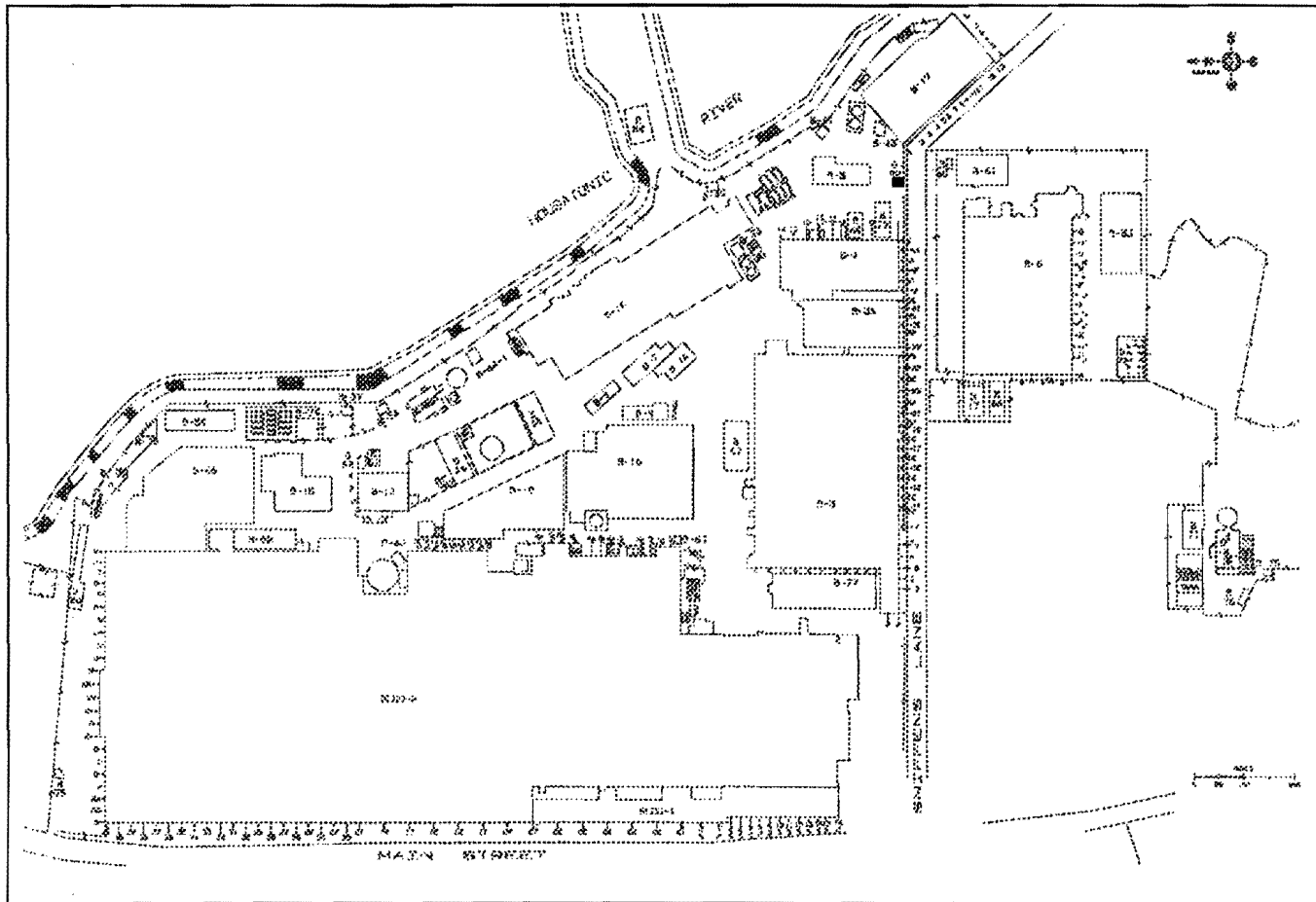
**MALCOLM  
PIRNIE**



US Army Corps  
of Engineers

U.S. ARMY ENGINEER DISTRICT, NEW YORK  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK

STRATFORD ARMY E  
STRATFORD, CON  
ASBESTOS SURVE

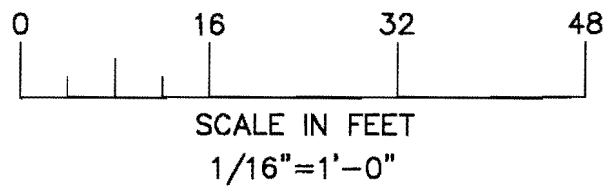


BUILDING LOCATION MAP

**KEY:**

x 26-01 = Sample Location

102 = Area ID



**MALCOLM  
PIRNIE**

**STRATFORD ARMY ENGINE PLANT  
Stratford, Connecticut**

## **ASBESTOS SURVEY REPORT**

### **APPENDIX A ANALYTICAL DATA**

**Prepared by:  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
White Plains, New York 10602-0751**



**US Army Corps  
of Engineers**

**for:  
U.S. Army Corps of Engineers - New York District**

**USACE Contract No. DACA51-96-D-0014  
Delivery Order No. 0001**

**December 1997**

**Project: 0285-655**



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASinc.com>

Fax (914) 592-8956

October 21, 1996

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant - Stratford, CT


Dear Mr. Frey

Enclosed please find the laboratory results for the 84 bulk samples received by Eastern Analytical Services, Inc. October 08, 1996. The analysis was performed in accordance with EPA-800/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.



Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed October 20, 1996  
914-641-2455



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		001	004	005	008
Layer Number					
Lab ID Number		693293	693294	693295	693296
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Stratified PC	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	No
	Fibrous	No	No	No	Yes
	Color	Gray	Gray	Gray	Gray/White
Sample Treatment		None	None	None	Homogenized
Asbestos	% Amosite	36.4	43.6	1.3	0.0
Content	% Chrysotile	2.6	15.4	40.5	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	39.0	59.0	41.8	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	40.0
Materials	% Cellulose	0.0	0.0	0.0	30.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	0.0	0.0	0.0	15.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	15.0
	% Unidentified	61.0	41.0	58.2	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

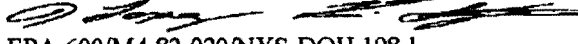
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No 418 Rhode Island DOH No AAL-07ZT3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095

# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given	Client: Malcolm Pirnie, Inc.
Collected by : Not Given	104 Corporate Park Drive
Date Received : 10/08/96	Box 751
Date Analyzed : 10/16-19/96	White Plains, NY 10602
Analyzed By : Julio Lopez/Kevin Stascavage	
Signature : 	
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1	
NVLAP Lab No. 101646-0	
NYS Lab No. 10851	

Sample ID Number	010	011	012	014
Layer Number				
Lab ID Number	693297	693298	693299	693300
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	Yes
	Fibrous	Yes	Yes	Yes
	Color	Gray	White/Tan	Gray/White
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	58.4	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	58.4	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	20.0
	% Cellulose	0.0	90.0	40.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	0.0	10.0	5.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	35.0 Perlite
	% Unidentified	41.6	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

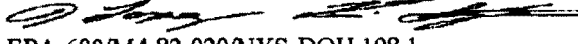




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	015	016	017	018
Layer Number				
Lab ID Number	693301	693302	693303	693304
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	No	No	Yes
	Color	White	Gray	White
Sample Treatment	None	None	Homogenized	None
Asbestos Content	% Amosite 27.2	0.0	0.0	0.0
	% Chrysotile 29.6	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 56.8	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	60.0	0.0	0.0
	% Cellulose 0.0	5.0	30.0	40.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 0.0	35.0	70.0	60.0
	% Carbonates 0.0	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 43.2	0.0	0.0	0.0


Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No 418 Rhode Island DOH No AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095

**Bulk Sample Results**  
 RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	019	020	021	022
Layer Number				
Lab ID Number	693305	693306	693307	693308
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification		Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered	No	No	No	No
	Homogenous	No	Yes	Yes	Yes
	Fibrous	Yes	No	Yes	No
	Color	Gray/White	Gray	Pink	Pink

Sample Treatment		Homogenized	None	None	None
Asbestos	% Amosite	0.0	0.0	42.3	0.0
Content	% Chrysotile	0.0	0.0	3.8	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	46.1	0.0
Other Fibrous	% Fibrous Glass	40.0	45.0	0.0	25.0
Materials	% Cellulose	35.0	0.0	0.0	25.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	10.0	55.0	0.0	50.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	15.0	Perlite	0.0	0.0
	% Unidentified	0.0	0.0	53.9	0.0


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-077T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	023	024	025	026
Layer Number				
Lab ID Number	693309	693310	693311	693312
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Stratified PC	Visual Estimation
Appearance				
Layered	Yes	No	No	No
Homogenous	No	No	No	Yes
Fibrous	Yes	Yes	Yes	No
Color	Gray/Tan	Gray/Black	Gray/Tan	White
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content				
% Amosite	0.0	0.0	35.9	0.0
% Chrysotile	48.7	50.0	6.4	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	48.7	50.0	42.3	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	5.0
% Cellulose	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	2.6	3.7	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	0.0	95.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	48.7	46.3	57.7	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

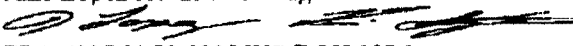
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	027	028	029	030
Layer Number				
Lab ID Number	693313	693314	693315	693316
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	Yes	Yes
	Color	Gray	White/Tan	Gray
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 45.9	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 45.9	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	40.0	0.0	45.0
	% Cellulose 0.0	35.0	65.0	5.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 14.1	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 0.0	10.0	35.0	50.0
	% Carbonates 0.0	0.0	0.0	0.0
	% Other 0.0	15.0 Binders	0.0	0.0
	% Unidentified 40.0	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

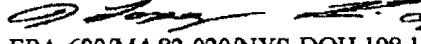
AIHA Accreditation No 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	031	032	033	034
Layer Number				
Lab ID Number	693317	693318	693319	693320
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	Yes	Yes	No
	Color	Gray/Blue	Gray	Gray/Tan
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	37.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	37.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	55.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	34.5	0.0
Non-Fibrous Materials Present	% Silicates	45.0	0.0	45.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	55.0 Binders
	% Unidentified	0.0	63.0	28.6

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

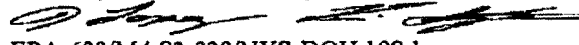
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AIHA Accreditation No. 418 Rhode Island DOH No. AAL-872T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**  
 RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	035	037	038	039
Layer Number				
Lab ID Number	693321	693322	693323	693324
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	Yes	Yes	No	No
Homogenous	No	No	No	Yes
Fibrous	Yes	Yes	Yes	Yes
Color	Gray/Pink/White	White/Tan	White/Tan	Black
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	2.2	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	2.2	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	90.0	95.0	40.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	61.7	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	10.0	5.0	20.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	40.0 Binders
% Unidentified	36.1	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	040	041	042	043
Layer Number				
Lab ID Number	693325	693326	693327	693328
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	Yes
	Fibrous	Yes	Yes	No
	Color	Gray	Black	White/Brown
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 0.0	4.2	38.5	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 0.0	4.2	38.5	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	0.0	0.0	0.0
	% Cellulose 5.0	0.0	0.0	85.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 95.0	0.0	0.0	15.0
	% Carbonates 0.0	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	95.8	61.5	0.0

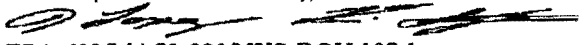
Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

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AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**Bulk Sample Results**  
 RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	044	045	046	048
Layer Number				
Lab ID Number	693329	693330	693331	693332
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Stratified PC
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	Yes
	Fibrous	No	No	No
	Color	White/Brown	Black/Green	Gray/Black
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	2.7	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	2.7	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	95.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	5.0	0.0	35.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	65.0 Binders
	% Unidentified	0.0	97.3	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

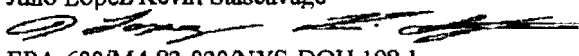




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	049	050	051	052
Layer Number				
Lab ID Number	693333	693334	693335	693336
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	No
	Fibrous	Yes	Yes	No
	Color	Black	Black	Tan/Brown
Sample Treatment	None	Homogenized	None	Homogenized
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 0.0	3.2	4.2	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 0.0	3.2	4.2	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	0.0	0.0	0.0
	% Cellulose 0.0	0.0	0.0	5.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 25.0	0.0	0.0	95.0
	% Carbonates 75.0	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	96.8	95.8	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

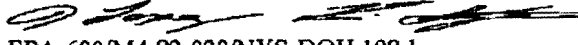
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-077T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given	Client: Malcolm Pirnie, Inc.
Collected by : Not Given	104 Corporate Park Drive
Date Received : 10/08/96	Box 751
Date Analyzed : 10/16-19/96	White Plains, NY 10602
Analyzed By : Julio Lopez/Kevin Stascavage	
Signature : 	
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1	
NVLAP Lab No. 101646-0	
NYS Lab No. 10851	

Sample ID Number	054	055	056	057
Layer Number				
Lab ID Number	693337	693338	693339	693340
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	No
	Homogenous	No	Yes	Yes
	Fibrous	No	Yes	No
	Color	Gray/Black	Black	Black/Tan
Sample Treatment	Homogenized	None	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	9.5	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	9.5	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	0.0	5.0	1.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	0.0	10.0	25.0
	% Carbonates	0.0	30.0	74.0
	% Other	0.0	55.0	0.0
	% Unidentified	90.5	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07ZT3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	058	059	060	061
<b>Layer Number</b>				
Lab ID Number	693341	693342	693343	693344
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
<b>Method of Quantification</b>	<b>Stratified PC</b>	<b>Visual Estimation</b>	<b>Visual Estimation</b>	<b>Stratified PC</b>
Appearance	Layered	Yes	No	No
	Homogenous	No	Yes	Yes
	Fibrous	No	Yes	Yes
	Color	Gray/Black	Black	Black
<b>Sample Treatment</b>	<b>Homogenized</b>	<b>None</b>	<b>Homogenized</b>	<b>None</b>
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	2.9	0.0	< 1.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	2.9	0.0	< 1.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	0.0	3.0	2.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	4.8	0.0	0.0
Non-Fibrous	% Silicates	0.0	20.0	98.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	77.0 Binders	0.0
	% Unidentified	92.3	0.0	0.0

Results Applicable To Those Items Tested

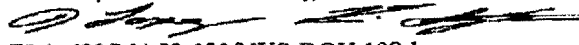
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**Eastern Analytical Services, Inc.**

**Bulk Sample Results**  
RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	062	063	064	065
Layer Number				
Lab ID Number	693345	693346	693347	693348
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	No
	Homogenous	No	Yes	No
	Fibrous	Yes	Yes	No
	Color	Gray/Black	Brown	Beige/Black
				Black/Tan
Sample Treatment	Homogenized	None	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	4.9	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	4.9	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	0.0	1.0	2.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	2.0	0.0	0.0
Non-Fibrous	% Silicates	0.0	99.0	10.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	88.0 Binders
	% Unidentified	93.1	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

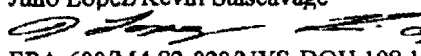
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	068	069	070	071
Layer Number				
Lab ID Number	693349	693350	693351	693352
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Stratified PC	Stratified PC
Appearance				
Layered	No	No	No	No
Homogenous	Yes	Yes	Yes	Yes
Fibrous	No	Yes	Yes	Yes
Color	Black	Black	White	White
Sample Treatment	None	None	None	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	2.5	1.9	44.2	45.6
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	2.5	1.9	44.2	45.6
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	1.6	8.6	14.4	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	0.0	0.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	95.9	89.5	41.4	54.4

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis


These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**  
 RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	072	073	074	075	
Layer Number					
Lab ID Number	693353	693354	693355	693356	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	No Yes Yes White	Yes No Yes Gray/Black/Tan	No Yes Yes Pink White	
Sample Treatment	None	Homogenized	None	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	33.0 21.7 0.0 54.7	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	75.0 0.0 0.0 0.0	5.0 20.0 0.0 0.0	0.0 0.0 0.0 0.0	35.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	5.0 0.0 20.0 0.0	75.0 0.0 0.0 0.0	0.0 0.0 0.0 45.3	40.0 25.0 0.0 0.0

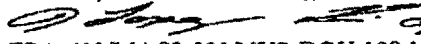
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	076	077	078	079
Layer Number				
Lab ID Number	693357	693358	693359	693360
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Stratified PC
Appearance	Layered	Yes	No	No
	Homogenous	No	Yes	Yes
	Fibrous	Yes	No	No
	Color	White/Tan	Gray	Black
Sample Treatment	Homogenized	Homogenized	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	2.3	3.8
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	2.3	3.8
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	45.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	25.0	0.0	0.0
	% Carbonates	30.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	97.7	96.2

Results Applicable To Those Items Tested

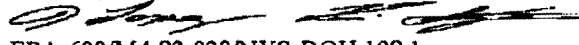
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ALHA Accreditation No. 418 Rhode Island DOH No. AAL-077T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**Bulk Sample Results**

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	080	081	082	083
Layer Number				
Lab ID Number	693361	693362	693363	693364
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Stratified PC
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	Yes
	Fibrous	Yes	Yes	Yes
	Color	Black	Gray/White	White
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	52.3	0.0
	% Other	0.0	0.0	48.0
	% Total Asbestos	0.0	52.3	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	45.0
Materials	% Cellulose	45.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	22.4	0.0
Non-Fibrous	% Silicates	55.0	0.0	20.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	35.0 NF Glass
	% Unidentified	0.0	25.3	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A. A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

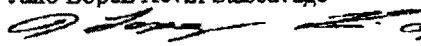




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	084	085	086	088
Layer Number				
Lab ID Number	693365	693366	693367	693368
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	No	Yes	Yes
	Color	Gray/Black	Black	White/Tan
Sample Treatment	Homogenized	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	2.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	2.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	20.0
	% Cellulose	0.0	15.0	35.0
	% Other	0.0	0.0	0.0
	% Unidentified	4.9	0.0	0.0
Non-Fibrous Materials Present	% Silicates	0.0	10.0	80.0
	% Carbonates	0.0	0.0	20.0
	% Other	0.0	75.0	0.0
	% Unidentified	93.1	0.0	0.0
			Binders	10.0
				NF Glass

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

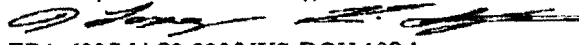
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**  
 RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	089	090	091	092
Layer Number				
Lab ID Number	693369	693370	693371	693372
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	No
	Color	White/Tan	White/Tan	Brown
Sample Treatment	Homogenized	Homogenized	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	45.0	5.0
	% Cellulose	60.0	20.0	25.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	40.0	15.0	40.0
	% Carbonates	0.0	20.0	0.0
	% Other	0.0	0.0	30.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	093	094	095	096
Layer Number				
Lab ID Number	693373	693374	693375	693376
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	Yes	No	Yes
	Color	Brown	Black	Tan
				Gray/White
Sample Treatment	None	None	None	None
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 21.4	8.8	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 21.4	8.8	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	0.0	0.0	45.0
	% Cellulose 0.0	0.0	35.0	30.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 0.0	0.0	15.0	20.0
	% Carbonates 0.0	0.0	0.0	0.0
	% Other 0.0	0.0	50.0	5.0
	% Unidentified 78.6	91.2	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/08/96  
 Date Analyzed : 10/16-19/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	097	098	099	100
Layer Number				
Lab ID Number	693377	693378	693379	693380
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	No	No	Yes
	Color	Black/Beige	Brown	White/Tan
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	2.5	5.8	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	2.5	5.8	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	5.0
Materials	% Cellulose	0.0	0.0	10.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	4.8	0.0
Non-Fibrous	% Silicates	0.0	0.0	15.0
Materials	% Carbonates	0.0	0.0	50.0
Present	% Other	0.0	0.0	20.0
	% Unidentified	97.5	89.4	0.0
				25.0 Binders NF Glass

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/08/96		Box 751
Date Analyzed :	10/16-19/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	009	013	053	066
Layer Number				
Lab ID Number	694586	694587	694588	694589
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	No
	Color	White/Gray/Brown	White/Gray	Brown/Tan
				Gray/Black
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	45.0	20.0	0.0
Materials	% Cellulose	20.0	25.0	15.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	15.0	25.0	55.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	20.0 Perlite	30.0 Perlite	30.0 Binders
	% Unidentified	0.0	0.0	20.0 Binders

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHIA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant - Stratford, CT

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected by : Not Given  
Date Received : 10/08/96  
Date Analyzed : 10/16-19/96  
Analyzed By : Julio Lopez/Kevin Stascavage  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number            067                            087  
  
Layer Number  
Lab ID Number                694590                        694591  
Sample Location              Not Given                      Not Given  
  
Sample Description            Not Given                      Not Given

Method of Quantification      Visual Estimation              Visual Estimation  
Appearance    Layered                      No                                Yes  
                  Homogenous                Yes                                No  
                  Fibrous                        No                                No  
                  Color                          Black                              White

Sample Treatment                None                                Homogenized  
Asbestos            % Amosite                    0.0                                0.0  
Content             % Chrysotile                0.0                                0.0  
                      % Other                        0.0                                0.0  
                      % Total Asbestos            0.0                                0.0  
  
Other Fibrous       % Fibrous Glass            0.0                                0.0  
Materials            % Cellulose                 25.0                              2.0  
Present              % Other                        0.0                                0.0  
                      % Unidentified              0.0                                0.0  
  
Non-Fibrous        % Silicates                    20.0                              98.0  
Materials            % Carbonates                0.0                                0.0  
Present              % Other                        55.0                              Binders                        0.0  
                      % Unidentified              0.0                                0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

IHA Accreditation No. 418    Rhode Island DOH No. AAL-072T3    Massachusetts DOL No. A A 000072    Connecticut DOH No. PH-0622    Maine DEP No. LA-024    Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

November 04, 1996

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant - Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 85 bulk samples received by Eastern Analytical Services, Inc. October 24, 1996. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

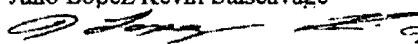
Faxed November 04, 1996  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	101	102	104	105
Layer Number				
Lab ID Number	695219	695220	695221	695222
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Stratified PC	Stratified PC
Appearance				
Layered	No	No	Yes	No
Homogenous	Yes	No	No	Yes
Fibrous	No	No	Yes	Yes
Color	Brown	Black/White	Gray	Gray/White
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	3.0	2.2	42.9	52.6
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	3.0	2.2	42.9	52.6
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	36.4	16.7
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	0.0	0.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	97.0	97.8	20.7	30.7

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing  
 Accreditation No. 418 Rhode Island EOH No. 0-01-03373 Massachusetts EOH No. 060072 Connecticut DOH No. EH-0613 Maine DEP No. 1-A-024 Vermont DOH No. 0-65-109

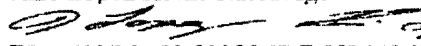




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	109	111	113	114
Layer Number				
Lab ID Number	695223	695224	695225	695226
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	Yes
	Color	Gray/White	White/Tan	White/Tan
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	40.0	75.0	80.0
Materials	% Cellulose	20.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	20.0	5.0	20.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	20.0	20.0	0.0
	% Unidentified	0.0	0.0	0.0
		Perlite	Binders	Binders


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 EPA Accreditation No. 416 Rhode Island DOH No. AAL-022T3 Massachusetts EOL No. A-000072 Connecticut DOH No. PH-0600 Maine DEP No. LA-034 Vermont DOH No. AAS-095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	115	116	117	118
Layer Number				
Lab ID Number	695227	695228	695229	695230
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description Not Given Not Given Not Given Not Given

Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation
Appearance Layered	No	No	No	No
Homogenous	Yes	Yes	Yes	Yes
Fibrous	No	No	No	No
Color	Yellow	Biege	Brown	Gray

Sample Treatment	None	None	None	None
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 0.0	0.0	15.7	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 0.0	0.0	15.7	0.0
Other Fibrous Materials Present	% Fibrous Glass 5.0	0.0	0.0	0.0
	% Cellulose 5.0	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 90.0	20.0	0.0	55.0
	% Carbonates 0.0	60.0	0.0	45.0
	% Other 0.0	20.0	0.0	0.0
	% Unidentified 0.0	0.0	84.3	0.0

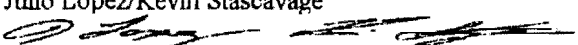
Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 Accreditation No. 413 Rhode Island DOH No. 8-01-02723 Massachusetts DEP No. A-6-00072 Connecticut TCEQ No. PH-0622 Maine DEP No. 1-6-024 Vermont DOH No. 6-6-209



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	119	120	121	122
Layer Number				
Lab ID Number	695231	695232	695233	695234
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	No	No	Yes
	Homogenous	No	Yes	No
	Fibrous	Yes	No	Yes
	Color	White/Tan	Brown	Gray/Tan
Sample Treatment	Homogenized	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	54.5
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	54.5
Other Fibrous Materials Present	% Fibrous Glass	40.0	0.0	95.0
	% Cellulose	25.0	5.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	20.0	95.0	5.0
	% Carbonates	0.0	0.0	0.0
	% Other	15.0 NF Glass	0.0	0.0
	% Unidentified	0.0	0.0	45.5

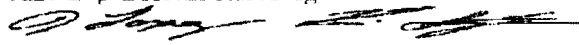
Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NJ Accreditation No. 416 Rhode Island L.O.H. No. RAL-672T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. FH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2097



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	123	124	125	126
Layer Number				
Lab ID Number	695235	695236	695237	695238
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	Yes	Yes	Yes
	Color	Gray/Brown	Tan	White/Tan
Sample Treatment	Homogenized	None	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	63.3
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	63.3
Other Fibrous Materials Present	% Fibrous Glass	0.0	80.0	0.0
	% Cellulose	70.0	0.0	0.0
	% Other Synthetics	25.0	0.0	0.0
	% Unidentified	0.0	0.0	25.6
Non-Fibrous Materials Present	% Silicates	5.0	20.0	0.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	19.5
				36.7

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NDB Items Tested Are Non-Asbestos Containing

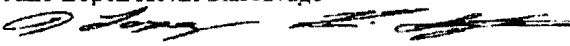
Connecticut: DEP No. 6A-1-677E Massachusetts: DCR No. A-80007 Connecticut: DEP No. 6A-1-677E Maine: DEP No. 14-024 Vermont: DEP No. A-80007



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	127	128	129	130
Layer Number				
Lab ID Number	695239	695240	695241	695242
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Stratified PC
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	No	No
	Color	White/Yellow	Tan/Brown	Black
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	2.7	2.2
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	2.7	2.2
Other Fibrous	% Fibrous Glass	60.0	0.0	0.0
Materials	% Cellulose	15.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	25.0	0.0	0.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	97.3	97.8

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

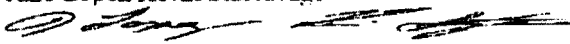
AIHA Accreditation No. 415 Rhode Island DOH No. RAL-97273 Massachusetts DOL No. A.A. 300072 Connecticut DGH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	131	132	133	134
Layer Number				
Lab ID Number	695243	695244	695245	695246
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Stratified PC
Appearance				
Layered	Yes	No	Yes	Yes
Homogenous	No	Yes	No	No
Fibrous	No	Yes	Yes	No
Color	Black/Tan	Black	White/Tan	Black/Tan
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	1.5	1.5	0.0	1.2
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	1.5	1.5	0.0	1.2
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	40.0	0.0
% Cellulose	0.0	0.0	30.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	30.0	0.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	98.5	98.5	0.0	98.8

Results Applicable To Those Items Tested

Priority Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

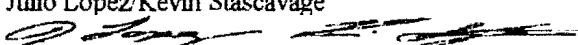
Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOI No. A-A-000077 Connecticut DOH No. PH-0612 Maine DEP No. LA-014 Vermont FCH No. A-05-209



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	135	136	137	138	
Layer Number					
Lab ID Number	695247	695248	695249	695250	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No No Black/Beige	Yes No No White	No Yes No Green	No No Yes White/Tan
Sample Treatment	Homogenized	Homogenized	None	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 3.4 0.0 3.4	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	0.0 2.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 85.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 96.6	98.0 0.0 0.0 0.0	80.0 0.0 20.0 0.0	15.0 0.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing  
 EPA Accreditation No. 416 Rhode Island DOH No. AAL-0321E Massachusetts EOL No. A.A. 020073 Connecticut DOH No. PH-0620 Maine DEP No. LA-014 Vermont DOH No. AAS-2091



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	140	141	142	143
Layer Number				
Lab ID Number	695251	695252	695253	695254
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	No
	Color	Tan/Brown	White/Tan	Black/Brown
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	2.2
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	2.2
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	75.0	10.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	25.0	90.0	0.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	97.8

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

Accreditation No. 412 - Environmental Quality Institute, Inc. (E-0777) Massachusetts E-01 (10/96) Connecticut DCE No. 250022 Maine DEP No. L-024 Vermont DOR No. 8 AS-05






# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number		144	146	147	148
Layer Number					
Lab ID Number		695255	695256	695257	695258
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No	Yes
	Homogenous	No	No	Yes	No
	Fibrous	No	No	Yes	No
	Color	Black/Brown	Tan/Brown	Black	Gray/Black
Sample Treatment		Homogenized	Homogenized	None	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	2.2	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	2.2	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	0.0	0.0	45.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	0.0	20.0	20.0	10.0
Materials	% Carbonates	0.0	60.0	0.0	80.0
Present	% Other	0.0	20.0 Binders	35.0 Binders	10.0 Binders
	% Unidentified	97.8	0.0	0.0	0.0


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 ALHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0623 Maine DEP No. LA-024 Vermont DOH No. AAS-2002



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	149	150	151	152
Layer Number				
Lab ID Number	695259	695260	695261	695262
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Stratified PC	Visual Estimation
Appearance				
Layered	No	No	No	No
Homogenous	Yes	Yes	Yes	Yes
Fibrous	Yes	No	Yes	No
Color	Black	Biege	Black	White/Blue
Sample Treatment	None	None	None	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	2.4	1.7	1.4	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	2.4	1.7	1.4	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	1.6	4.2	2.1	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	0.0	65.0
% Carbonates	0.0	0.0	0.0	35.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	96.0	94.1	96.5	0.0

Results Applicable To Those Items Tested  
 May Vary Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing

Accreditation No. 411 Rhode Island DOH No. 10-0272 Massachusetts DPH No. 6-038967 Connecticut DPH No. EH-0023 Maine DEP No. 1-A-024 Vermont DPH No. 6-S-009



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/24/96		Box 751
Date Analyzed :	10/26-30/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	153	154	155	156
Layer Number				
Lab ID Number	695263	695264	695265	695266
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	No
	Fibrous	Yes	No	Yes
	Color	Gray	Gray/Brown	Tan/Brown
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	3.6	5.2
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	3.6	5.2
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	45.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	55.0	0.0	0.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	96.4	94.8
				77.0 Binders

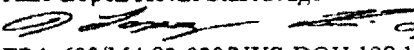
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 OSHA Accreditation No. 413 Rhode Island DOH No. AAL-0773 Massachusetts DOL No. A.A.000372 Connecticut DOH No. PH-0622 Maine DEP No. LA-034 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	157	158	159	160
Layer Number				
Lab ID Number	695267	695268	695269	695270
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes No Black	Yes No No White/Tan	No Yes Yes White
Sample Treatment	None	Homogenized	None	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 2.5 0.0 2.5	0.0 0.0 0.0 0.0	0.0 2.7 0.0 2.7
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 4.9	0.0 0.0 0.0 0.0	0.0 0.0 0.0 44.1
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 92.6	65.0 35.0 0.0 0.0	0.0 0.0 0.0 53.2

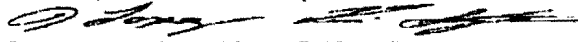
Results Applicable To Those Items Tested  
 Only Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 Accreditation No. 416 Rhode Island DOH No. A-1-07273 Massachusetts DOH No. A-809673 Connecticut DOH No. PH0022 Maine LFE No. 1-6-024 Vermont DOH No. A-601997



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	161	162	163	164
Layer Number				
Lab ID Number	695271	695272	695273	695274
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Fibrous	No	Yes	Yes
	Color	Yes	Yes	Yes
		Gray/White	Gray/Black	Black
Sample Treatment	Homogenized	Homogenized	None	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	36.3	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	36.3	0.0
Other Fibrous	% Fibrous Glass	20.0	0.0	0.0
Materials	% Cellulose	40.0	0.0	3.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	41.2	0.0
Non-Fibrous	% Silicates	40.0	0.0	10.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	87.0 Binders
	% Unidentified	0.0	22.5	0.0

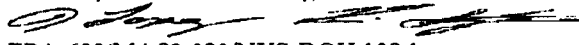
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 ALHA Accreditation No. 418 Rhode Island DOH No. 6AL-073T3 Massachusetts EOL No. A.A. 000072 Connecticut DOH No. PH-0621 Maine DEP No. LA-624 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

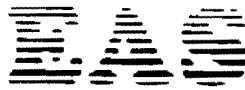
Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	165	167	168	169
Layer Number				
Lab ID Number	695275	695276	695277	695278
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	No	No	Yes
	Color	Gray	Black	Black
Sample Treatment	None	None	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	2.0	2.0	15.0
	% Other	0.0	3.0 Gypsum	5.0 Synthetics
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	98.0	90.0	85.0
	% Carbonates	0.0	5.0	15.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	55.0 Binders

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NCE Items Tested Are Non-Asbestos Containing

Accreditation No. 410 Rhode Island DOH No. 607273 Massachusetts EOL No. A-000072 Connecticut DOH No. PH-0622 Maine DEP No. 16-04 Vermont DOH No. 6-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected by :	Not Given		104 Corporate Park Drive
Date Received :	10/24/96		Box 751
Date Analyzed :	10/26-30/96		White Plains, NY 10602
Analyzed By :	Julio Lopez/Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	170	171	172	173
Layer Number				
Lab ID Number	695279	695280	695281	695282
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	No	No
	Fibrous	Yes	No	Yes
	Color	White/Yellow	White/Tan	Black/Brown
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	30.0	0.0	5.0
	% Cellulose	5.0	0.0	10.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	15.0	10.0	5.0
	% Carbonates	0.0	90.0	0.0
	% Other	50.0 Binders	0.0	73.0 Binders
	% Unidentified	0.0	0.0	20.0

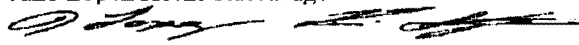
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIA Accreditation No. 418 Rhode Island DOH No. A-81-072T3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-3822 Maine DEP No. LA-024 Vermont DOH No. AAS-3095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	174	175	176	177
Layer Number				
Lab ID Number	695283	695284	695285	695286
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	No
	Fibrous	No	No	Yes
	Color	White	Gray/White/Tan	Gray/White
Sample Treatment	None	None	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	35.0
	% Cellulose	1.0	0.0	20.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	99.0	85.0	40.0
	% Carbonates	0.0	15.0	0.0
	% Other	0.0	0.0	5.0 NF Glass
	% Unidentified	0.0	0.0	0.0
				10.0 NF Glass
				0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ALHA Accreditation No. 318 Rhode Island DOH No. A-1-0773 Massachusetts DOI No. A-006073 Connecticut DOH No. PH-0631 Maine DEP No. 14-034 Vermont DOH No. 0AS-2095

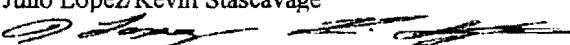




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	178	179	180	181
Layer Number				
Lab ID Number	695287	695288	695289	695290
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	No
	Color	Gray/Black	Gray/White	Gray/Black/White
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 43.3	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 43.3	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	35.0	0.0	0.0
	% Cellulose 0.0	25.0	1.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 33.7	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 0.0	35.0	99.0	75.0
	% Carbonates 0.0	0.0	0.0	0.0
	% Other 0.0	5.0 NF Glass	0.0	25.0 Binders
	% Unidentified 23.0	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

NIHA Accreditation No. 418 Rhode Island DOH No. AAL-07-13 Massachusetts DCL No. 2-A-96907 Connecticut DOH Lic. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2067



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	182	183	184	185
Layer Number				
Lab ID Number	695291	695292	695293	695294
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered	No	No	Yes
	Homogenous	Yes	No	No
	Fibrous	No	Yes	Yes
	Color	Gray	Gray/White	Gray/Brown
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	25.5
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	25.5
Other Fibrous Materials Present	% Fibrous Glass	0.0	20.0	0.0
	% Cellulose	3.0	30.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	97.0	40.0	0.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	10.0 NF Glass	0.0
	% Unidentified	0.0	0.0	74.5

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

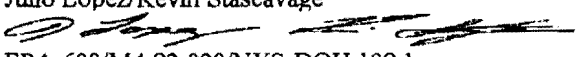
RI Reg. Accreditation No. 415 Rhode Island EOH No. e-1-6723 Massachusetts DCL No. A-00052 Connecticut EOH No. PH-0602 Maine DEP No. 2-A-024 Vermont EOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	186	187	188	189
Layer Number				
Lab ID Number	695295	695296	695297	695298
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No No Yes Gray/Brown	Yes No No Black/Beige	No Yes Yes Black
Sample Treatment	Homogenized	Homogenized	None	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 7.3 0.0 7.3	0.0 0.0 0.0 0.0	0.0 1.2 0.0 1.2
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	0.0 2.0 0.0 0.0	0.0 0.0 0.0 5.5
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 92.7	78.0 0.0 20.0 0.0	0.0 0.0 0.0 93.3

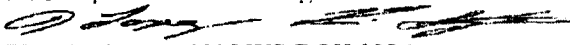
Result: Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 415 Rhode Island DOH No. HAL-075T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-044 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110	112	166	190
Layer Number				
Lab ID Number	695746	695747	695748	695749
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	Yes
	Color	Gray/White	White/Tan	Black/Beige
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	20.0	65.0	5.0
	% Cellulose	20.0	0.0	5.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	20.0	15.0	20.0
	% Carbonates	0.0	0.0	50.0
	% Other	40.0	20.0	20.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing

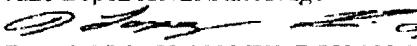
RI Reg. Accreditation No. 418 Rhode Island E.O.H. No. 8-1-3273 Massachusetts E.O.L. No. 6-02007 Connecticut E.O.H. No. EH-0632 Maine DEP No. 1-6-024 Vermont E.O.H. No. S-A-3-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : Not Given  
 Collected by : Not Given  
 Date Received : 10/24/96  
 Date Analyzed : 10/26-30/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 139

Layer Number

Lab ID Number 695750

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	Yes
	Homogenous	No
	Fibrous	Yes
	Color	White/Tan

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous Materials Present	% Fibrous Glass	85.0
	% Cellulose	5.0
	% Other	0.0
	% Unidentified	0.0

Non-Fibrous Materials Present	% Silicates	5.0
	% Carbonates	0.0
	% Other	5.0 NF Glass
	% Unidentified	0.0

Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NCP Items Tested Are Non-Asbestos Containing  
 AHE Accreditation No. 418 Rhode Island DOH No. EAL-0273 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
X 102496-101 695219	
102496-102 695220	
102496-103	Do not analyze if sample 102496-126 is positive
102496-104 695221	
102496-105 695222	
102496-106	Do not analyze if sample 102496-105 is positive
102496-107	Do not analyze if sample 102496-106 is positive
102496-108	Do not analyze if sample 102496-107 is positive
102496-109 695223	
102496-110	Do not analyze if sample 102496-109 is positive
102496-111 695224	
102496-112	Do not analyze if sample 102496-111 is positive
102496-113 695225	
102496-114 695226	
102496-115 695227	
102496-116 695228	
102496-117 695229	
102496-118 695230	
102496-119 695231	
102496-120 695232	
102496-121 695233	
102496-122 695234	
102496-123 695235	
102496-124 695236	
102496-125 695237	
102496-126 695238	
102496-127 695239	
102496-128 695240	
102496-129 695241	
102496-130 695242	
102496-131 695243	
102496-132 695244	
102496-133 695245	
102496-134 695246	
102496-135 695247	
102496-136 695248	
102496-137 695249	
102496-138 695250	
102496-139 695251	Do not analyze if sample 102496-112 is positive
102496-140 695252	
102496-141 695253	
102496-142 695254B	
102496-143 695254V	
102496-144 695255	
102496-145	Do not analyze if sample 102496-103 is positive
102496-146 695256	
102496-147 695257	
102496-148 695258	
102496-149 695259	
102496-150 695260	
102496-151 695261	
V 102496-152 695262	

*\* as indicated on  
sample bags*

OCT 24 '96 18:08

## CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
* 102496-153 695263	
102496-154 695264	
102496-155 695265	
102496-156 695266	
102496-157 695267	
102496-158 695268	
102496-159 695269	
102496-160 695270	
102496-161 695271	
102496-162 695272	
102496-163 695273	
102496-164 695274	
102496-165 695275	
102496-166	Do not analyze if sample 102496-168 is positive
102496-167 695276	
102496-168 695277	
102496-169 695278	
102496-170 695279	
102496-171 695280	
102496-172 695281	
102496-173 695282	
102496-174 695283	
102496-175 695284	
102496-176 695285	
102496-177 695286	
102496-178 695287	
102496-179 695288	
102496-180 695289	
102496-181 695290	
102496-182 695291	
102496-183 695292	
102496-184 695293	
102496-185 695294	
102496-186 695295	
102496-187 695296	
102496-188 695297	
102496-189 695298	
✓ 102496-190	Do not analyze if sample 102496-170 is positive

The above 90 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on 10/24/96.

Relinquished by: Teri J. Wilson Date: 10/24/96 Time: 1800

Received by: [Signature] Date: 10/27/96 Time: 1803

\* as indicated  
on sample bags

OCT 24 '96 18:08

## CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
102496- 101	
102496- 102	
102496- 103	Do not analyze if sample 102496-126 is positive
102496- 104	
102496- 105	
102496- 106	Do not analyze if sample 102496-105 is positive
102496- 107	Do not analyze if sample 102496-106 is positive
102496- 108	Do not analyze if sample 102496-107 is positive
102496- 109	
* <del>102496- 110</del> 695746	Do not analyze if sample 102496-109 is positive
102496- 111	
* <del>102496- 112</del> 695747	Do not analyze if sample 102496-111 is positive
102496- 113	
102496- 114	
102496- 115	
102496- 116	
102496- 117	
102496- 118	
102496- 119	
102496- 120	
102496- 121	
102496- 122	
102496- 123	
102496- 124	
102496- 125	
102496- 126	
102496- 127	
102496- 128	
102496- 129	
102496- 130	
102496- 131	
102496- 132	
102496- 133	
102496- 134	
102496- 135	
102496- 136	
102496- 137	
102496- 138	
102496- 139	Do not analyze if sample 102496-112 is positive
102496- 140	
102496- 141	
102496- 142	
102496- 143	
102496- 144	
102496- 145	Do not analyze if sample 102496-103 is positive
102496- 146	
102496- 147	
102496- 148	
102496- 149	
102496- 150	
102496- 151	
102496- 152	

\* as indicated on sample bags

OCT 24 '96 18:08



# CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-800/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
102496- 153	
102496- 154	
102496- 155	
102496- 156	
102496- 157	
102496- 158	
102496- 159	
102496- 160	
102496- 161	
102496- 162	
102496- 163	
102496- 164	
102496- 165	
* 102496- 166 695748	Do not analyze if sample 102496-168 is positive
102496- 167	
102496- 168	
102496- 169	
102496- 170	
102496- 171	
102496- 172	
102496- 173	
102496- 174	
102496- 175	
102496- 176	
102496- 177	
102496- 178	
102496- 179	
102496- 180	
102496- 181	
102496- 182	
102496- 183	
102496- 184	
102496- 185	
102496- 186	
102496- 187	
102496- 188	
102496- 189	
* 102496- 190 695749	Do not analyze if sample 102496-170 is positive

The above 90 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on 10/24/96.

Relinquished by: Terry J. Wilson Date: 10/24/96 Time: 1800

Received by: [Signature] Date: 10/27/96 Time: 1803

\* as indicated on sample bags

OCT 24 '96 18:08

## CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-800/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
102496- 101	
102496- 102	
102496- 103	Do not analyze if sample 102496-126 is positive
102496- 104	
102496- 105	
102496- 106	Do not analyze if sample 102496-105 is positive
102496- 107	Do not analyze if sample 102496-106 is positive
102496- 108	Do not analyze if sample 102496-107 is positive
102496- 109	
102496- 110	Do not analyze if sample 102496-109 is positive
102496- 111	
102496- 112	Do not analyze if sample 102496-111 is positive
102496- 113	
102496- 114	
102496- 115	
102496- 116	
102496- 117	
102496- 118	
102496- 119	
102496- 120	
102496- 121	
102496- 122	
102496- 123	
102496- 124	
102496- 125	
102496- 126	
102496- 127	
102496- 128	
102496- 129	
102496- 130	
102496- 131	
102496- 132	
102496- 133	
102496- 134	
102496- 135	
102496- 136	
102496- 137	
102496- 138	
* <del>102496- 139</del> 695750	Do not analyze if sample 102496-112 is positive
102496- 140	
102496- 141	
102496- 142	
102496- 143	
102496- 144	
102496- 145	Do not analyze if sample 102496-103 is positive
102496- 146	
102496- 147	
102496- 148	
102496- 149	
102496- 150	
102496- 151	
102496- 152	

*\* as indicated on sample bag*

OCT 24 '96 18:08

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie

Lab #'s 695219 - 695278

Analyte: % Asb

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 wk

No. of Samples: 90 (80 - Gr.A)

Shipped: US Mail  Walk In   
Via: Fed Exp  US Exp   
UPS Exp  UPS   
Drop Box  Other   
EAS Collected

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other

Client Project Name/Number: Stratford Army Engine Plant  
Stratford CT

Sample Disposition:  (Std.)  (Other)

Sampled By: \_\_\_\_\_  
Name (Print or Type)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Submitted By: \_\_\_\_\_  
Name (Print or Type)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Comments: Stop at I positive

**FOR LABORATORY USE ONLY**

Account Number: 920144 Project Number: \_\_\_\_\_ Batch Number: 9605994

Received By: P. Stasavage [Signature] OCT 24 '96 18:08

Logged-In By: N. Skubskaya [Signature] 10/25/96 PM

Prepped By: N. Skubskaya [Signature] 10/25/96 PM

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: T. Boyer [Signature] 10/26/96 \_\_\_\_\_

Analyzed By: Kevin Stasavage [Signature] 10/29/96 17:00

Re-Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

Client: Malcolm Pirnie Lab #'s: 695746-695749

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 wk

Sample Type: % Asb

Number of Samples: 90 (4-Gr.B)

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Project Name/Number: Stratford Army Engine Plant  
Stratford Ct.

Sample Disposition:  (Std.) \_\_\_\_\_ (Other)

Prepared By: \_\_\_\_\_  
Name (Print or Type) Signature Date

Submitted By: \_\_\_\_\_  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: 920144 Project Number: \_\_\_\_\_ Batch Number: 9605994

Received By:	Signature	Date	Time	
<u>P. Skulskaya</u>	<u>[Signature]</u>	<u>OCT 24 '96</u>	<u>18:08</u>	<input type="checkbox"/>
<u>N. Skulskaya</u>	<u>[Signature]</u>	<u>10/30/96</u>	<u>PM</u>	<input checked="" type="checkbox"/>
Prepared By:	_____	_____	_____	<input type="checkbox"/>
Shipped By:	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	<u>[Signature]</u>	<u>10/30/96</u>	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	<input type="checkbox"/>
Checked By:	_____	_____	_____	<input type="checkbox"/>
Shipped-Out By:	_____	_____	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

Client: Malcolm Pirnie

Lab #'s: 695750

Analyte: % Asb

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 wk

No. of Samples: 20 (1-Gr.C)

Shipped Via: US Mail  Walk In   
Fed Exp  US Exp   
UPS Exp  UPS   
Drop Box  Other   
EAS Collected

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other

Client Project Name/Number: Stratford Army Engine Plant  
Stratford CT

Sample Disposition:  (Std.)  (Other)

Prepared By: \_\_\_\_\_  
Name (Print or Type)

Signature \_\_\_\_\_ Date \_\_\_\_\_

Submitted By: \_\_\_\_\_  
Name (Print or Type)

Signature \_\_\_\_\_ Date \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: 920144 Project Number: \_\_\_\_\_ Batch Number: 9605994

Received By: P. Skubsky [Signature] OCT 24 '96 18:08   
Name (Print) Signature Date Time

Logged-In By: N. Skubsky [Signature] 10/30/96 PM

Prepped By: N. Skubsky [Signature] 10/30/96 PM

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: [Signature] [Signature] 10/30/96 \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

November 12, 1996

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant - Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 4 bulk samples received by Eastern Analytical Services, Inc. October 30, 1996. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail Lab@EASInc.com.

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om


Enclosures

Faxed November 11, 1996  
914-641-2455

# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/11/96  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	191	192	193	194
Layer Number				
Lab ID Number	695861	695862	695863	695864
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	No	Yes
	Color	Gray/Tan	Gray/Yellow	Gray
Sample Treatment	Homogenized	Homogenized	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	25.0
	% Cellulose	45.0	5.0	40.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	45.0	95.0	30.0
	% Carbonates	10.0	0.0	0.0
	% Other	0.0	0.0	5.0 Non-Fibrous Glass
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AJHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

9606120

Sample No.	Comments
* 103096-191	685-861
103096-192	685-862
103096-193	685-863
↓ 103096-194	685-864

The above 4 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on 10/30/96.

\* AS labelled on 6-55 (E)  
Relinquished by: *Anthony M. Frey* Date: 10/30/96 Time: 1810  
Received by: *E. Frey* Date: 10/30/96 Time: 1813

OCT 30 '96 18:17



# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Malcolm Pirnie, Inc Lab #'s 695861-695864

Analyte: % Asbestos Turn- 06 Hr 12 Hr 24 Hr 30 Hr  
Around 48 Hr 3-5 Day Other 6-10 Day

No. of Samples: 4 Shipped Via: US Mail  Walk In   
Fed Exp  US Exp   
UPS Exp  UPS   
Drop Box  Other   
EAS Collected

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other

Client Project Name/Number: Stratford Army Engine Plant Sample Disposition: (Std.)  (Other)

Sampled By: Antony S. Tseng Signature: [Signature] Date: 10/30/96  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Signature: [Signature] Date: 10/30/96  
Name (Print or Type) Signature Date

Comments: needs separate reports per "COC" (ES) 10/30/96  
(4) separate reports

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: \_\_\_\_\_ Batch Number: 9606120

Received By: E. Sanchez Signature: [Signature] Date: OCT 30 '96 Time: 18:17

Logged-In By: EL Casent Signature: [Signature] Date: 10/31/96 Time: A

Prepped By: N. Skutskarge Signature: [Signature] Date: 11/7/96 Time: Am

Prepped By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Analyzed By: Kenn Stasavage Signature: [Signature] Date: 11/11/96 Time: 11.35

Analyzed By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Checked By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

November 12, 1996

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant - Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. October 30, 1996. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed November 11, 1996  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/11/96  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	195	196	197	198	
Layer Number					
Lab ID Number	695842	695843	695844	695845	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered	Yes	No	No	Yes
	Homogenous	No	Yes	No	No
	Fibrous	No	Yes	Yes	Yes
	Color	Gray/Tan	Tan	White/Gray	Gray/White
Sample Treatment	Homogenized	None	Homogenized	Homogenized	
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	15.0	20.0
	% Cellulose	5.0	25.0	35.0	40.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	85.0	70.0	50.0	35.0
	% Carbonates	10.0	5.0	0.0	0.0
	% Other	0.0	0.0	0.0	5.0 NF Glass
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

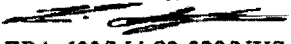
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07ZT3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/11/96  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 199  
 Layer Number  
 Lab ID Number 695846  
 Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	No
	Homogenous	No
	Fibrous	No
	Color	Tan/Gray

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	15.0
Present	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	75.0
Materials	% Carbonates	10.0
Present	% Other	0.0
	% Unidentified	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

9606121

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
* <del>103096</del> - 195 685812	
<del>103096</del> - 196 685813	
<del>103096</del> - 197 685814	
<del>103096</del> - 198 685815	
<del>103096</del> - 199 685816	

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on 10/30/96.

Relinquished by: *Cliff Frey* Date: 10/30/96 Time: 1810

Received by: *E. Frey* Date: 10/30/96 Time: 1813

\* As labelled on bags (E)

OCT 30 '96 18:17

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Malcolm Pirnie, Inc Lab #'s 695842 - 695846

Type: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 6-10 Day

Number of Samples: 5 Shipped Via: US Mail  Walk In   
Fed Exp  US Exp   
UPS Exp  UPS   
Drop Box  Other   
EAS Collected

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other

Project Number: Stratford Army Engine Plant Sample Disposition:  (Std.)  (Other)

Collected By: Antony S. Tseng Signature: [Signature] Date: 10/30/96

Shipped By: Antony S. Tseng Signature: [Signature] Date: 10/30/96

Comments: needs separate reports per "COC" (ES) 10/30/96  
(7) separate reports

### FOR LABORATORY USE ONLY

Received By:	Signature	Date	Time	
<u>E. Sanchez</u>	<u>[Signature]</u>	<u>OCT 30 '96</u>	<u>18:17</u>	<input type="checkbox"/>
<u>[Signature]</u>	<u>[Signature]</u>	<u>10/31/96</u>	<u>A</u>	<input type="checkbox"/>
<u>N. Skulskaja</u>	<u>[Signature]</u>	<u>11/7/96</u>	<u>[Signature]</u>	<input type="checkbox"/>
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<input type="checkbox"/>
<u>Kevin Stascavage</u>	<u>[Signature]</u>	<u>11/11/96</u>	<u>09:45</u>	<input checked="" type="checkbox"/>
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<input type="checkbox"/>
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<input type="checkbox"/>
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<input type="checkbox"/>
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<input type="checkbox"/>



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

November 07, 1996

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant - Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. October 30, 1996. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail Lab@EASInc.com.

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed November 07, 1996  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06/96  
 Analyzed By : Julio Lopez  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	200	201	202	203
Layer Number				
Lab ID Number	695866	695867	695868	695869
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	Yes	No	Yes	Yes
Homogenous	No	Yes	No	No
Fibrous	Yes	Yes	No	Yes
Color	Gray/White	White	Brown/Black	Gray/White
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	17.9	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	17.9	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	20.0
% Cellulose	0.0	10.0	10.0	40.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	90.0	25.0	10.0
% Carbonates	0.0	0.0	45.0	0.0
% Other	0.0	0.0	20.0	30.0
% Unidentified	82.1	0.0	0.0	0.0
			Binders	Perlite

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 AHS Accreditation No. 410 Rhode Island DOH No. AAL-07373 Massachusetts DOL No. AA-000073 Connecticut DOH No. PH-0633 Maine DEP No. LA-314 Vermont DOH No. AAS-2095

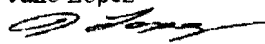




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06/96  
 Analyzed By : Julio Lopez  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 204  
 Layer Number  
 Lab ID Number 695870  
 Sample Location Not Given

Sample Description Not Given

Method of Quantification	Visual Estimation
Appearance Layered	No
Homogenous	Yes
Fibrous	No
Color	Black

Sample Treatment None

Asbestos Content	% Amosite	0.0
	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0
	% Cellulose	20.0
	% Other	0.0
	% Unidentified	0.0
Non-Fibrous Materials Present	% Silicates	15.0
	% Carbonates	20.0
	% Other	45.0 Binders
	% Unidentified	0.0

Results Applicable To These Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing

AHMA Accreditation No. 410 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A-A-000673 Connecticut DOH No. FH-0610 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

9606123

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
* 103096-200	675866
103096-201	675867
103096-202	675868
103096-203	675869
* 103096-204	675870

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on 10/30/96.

\* All labelled on by [signature]

Relinquished by: [signature] Date: 10/30/96 Time: 1810

Received by: [signature] Date: 10/30/96 Time: 1813

OCT 30 '96 18:17

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

AS Client: Malcolm Pirnie, Inc Lab #'s 695866-695870

Turn- 06 Hr 12 Hr 24 Hr 30 Hr  
Around 48 Hr 3-5 Day Other 6-10 Day

Analyte: % Asbestos

No. of Samples: 5

Date of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other

Shipped Via: US Mail  Walk In   
Fed Exp  US Exp   
UPS Exp  UPS   
Drop Box  Other   
EAS Collected

Client Project Name/Number: Stafford Army Engine Plant Sample Disposition  (Std.)  (Other)

Collected By: Antony S. Tseng Antony S. Tseng 10/30/96  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 10/30/96  
Name (Print or Type) Signature Date

Comments: needs separate reports per "COC" (ES) 10/30/96  
(7) separate reports

**FOR LABORATORY USE ONLY**

Account Number: 920144 Project Number:       : Batch Number: 9606122

Received By: E. Sanchez E. Sanchez OCT 30 '96 18:17   
Name (Print) Signature Date Time

Logged-In By: ELC Warren ELC Warren 10/31/96 am

Prepped By: N. Shukla N. Shukla 11/6/96 Pm

Prepped By:                            

Analyzed By: J. Lopez J. Lopez 11/6/96       

Analyzed By:                            

Re-Analyzed By:                            

Checked By:                            

Logged-Out By:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

November 12, 1996

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant - Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 4 bulk samples received by Eastern Analytical Services, Inc. October 30, 1996. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

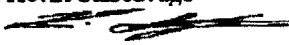
Faxed November 11, 1996  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/11/96  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	205	206	207	208
Layer Number				
Lab ID Number	695857	695858	695859	695860
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	No	Yes	Yes
	Color	Brown/Gray	White/Black/Tan	Gray/White
Sample Treatment	Homogenized	Homogenized	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	< 1.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	< 1.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	5.0	20.0
	% Cellulose	0.0	40.0	40.0
	% Other	0.0	0.0	0.0
	% Unidentified	1.7	0.0	0.0
Non-Fibrous Materials Present	% Silicates	0.0	55.0	63.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	98.3	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095

CHAIN OF CUSTODY

9606123

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
* 103096-205	695857
103096-206	695858
103096-207	695859
↓ 103096-208	695860

The above 4 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on 10/30/96.

*4 B3 labeled on box*

Relinquished by: *Cliff Frey* Date: 10/30/96 Time: 1810

Received by: *E. Sanchez* Date: 10/30/96 Time: 1813

OCT 30 '96 18:17

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Malcolm Pirnie, Inc Lab #'s 695257 - 695800

Analyte: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 6-10 Day

No. of Samples: 4 Shipped Via: US Mail  Walk In   
 Fed Exp  US Exp   
 UPS Exp  UPS   
 Drop Box  Other   
 EAS Collected

Date of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other

Client Project Name/Number: Stratford Army Engine Plant Sample Disposition:  (Std.)  (Other)

Sampled By: Antony S. Tseng Antony S. Tseng 10/30/96  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 10/30/96  
Name (Print or Type) Signature Date

Comments: needs separate reports per "COC" (ES) 10/30/96  
(7) separate reports

### FOR LABORATORY USE ONLY

Account Number: <u>920144</u>	Project Number: <u>          </u>	Batch Number: <u>9606123</u>
Received By: <u>E. Sanchez</u>	<u>E. Sanchez</u>	OCT 30 '96 18:17 <input type="checkbox"/>
<small>Name (Print)</small>	<small>Signature</small>	<small>Date Time</small>
Logged-In By: <u>E. L. Gawn</u>	<u>E. L. Gawn</u>	10/31/96 <input type="checkbox"/>
Prepped By: <u>N. Skutskaya</u>	<u>N. Skutskaya</u>	11/7/96 <input type="checkbox"/>
Prepped By: <u>          </u>	<u>          </u>	<u>          </u> <input type="checkbox"/>
Analyzed By: <u>Kevin Stasavage</u>	<u>Kevin Stasavage</u>	11/11/96 11:00 <input checked="" type="checkbox"/>
Analyzed By: <u>          </u>	<u>          </u>	<u>          </u> <input type="checkbox"/>
Re-Analyzed By: <u>          </u>	<u>          </u>	<u>          </u> <input type="checkbox"/>
Checked By: <u>          </u>	<u>          </u>	<u>          </u> <input type="checkbox"/>
Logged-Out By: <u>          </u>	<u>          </u>	<u>          </u> <input type="checkbox"/>



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

November 12, 1996

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant - Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 27 bulk samples received by Eastern Analytical Services, Inc. October 30, 1996. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 11, 1996  
914-641-2455

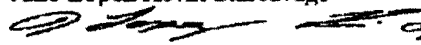




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06-11/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	209	211	212	213
Layer Number				
Lab ID Number	695967	695968	695969	695970
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Gray	Yes No Yes Gray/White	No Yes Yes Tan
Sample Treatment	None	Homogenized	None	None
Asbestos Content	% Amosite 0.0 % Chrysotile 0.0 % Other 0.0 % Total Asbestos 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 13.6 0.0 13.6
Other Fibrous Materials Present	% Fibrous Glass 40.0 % Cellulose 30.0 % Other 0.0 % Unidentified 0.0	30.0 40.0 0.0 0.0	50.0 0.0 0.0 0.0	0.0 0.0 0.0 55.6
Non-Fibrous Materials Present	% Silicates 15.0 % Carbonates 0.0 % Other 15.0 % Unidentified 0.0	20.0 0.0 10.0 0.0	15.0 35.0 0.0 0.0	0.0 0.0 0.0 30.8

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

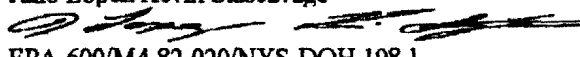
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

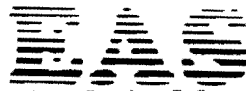
RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06-11/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	214	215	216	217
Layer Number				
Lab ID Number	695971	695972	695973	695974
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Gray	No Yes Yes Gray	Yes No Yes Tan/Brown
Sample Treatment	None	Homogenized	None	Homogenized
Asbestos Content	% Amosite 0.0 % Chrysotile 0.0 % Other 0.0 % Total Asbestos 0.0	0.0 38.6 0.0 38.6	36.7 0.0 0.0 36.7	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass 50.0 % Cellulose 35.0 % Other 0.0 % Unidentified 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 40.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates 15.0 % Carbonates 0.0 % Other 0.0 % Unidentified 0.0	0.0 0.0 0.0 61.4	0.0 0.0 0.0 63.3	20.0 0.0 40.0 0.0

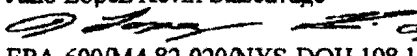
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 IHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06-11/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	218	219	220	221
Layer Number				
Lab ID Number	695975	695976	695977	695978
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	Yes	No	No
	Color	White	Gray	Yellow
Sample Treatment	None	None	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	98.0	25.0	35.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	2.0	75.0	65.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
				20.0 Binders

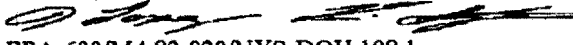
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06-11/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	222	223	224	227
Layer Number				
Lab ID Number	695979	695980	695981	695982
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	Yes	No	No
	Homogenous	No	Yes	Yes
	Fibrous	No	No	Yes
	Color	Gray/Yellow	Yellow	Gray
Sample Treatment	Homogenized	None	None	None
Asbestos Content	% Amosite	0.0	0.0	33.8
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	33.8
Other Fibrous Materials Present	% Fibrous Glass	0.0	5.0	0.0
	% Cellulose	0.0	0.0	0.0
	% Other	0.0	0.0	20.0 Synthetics
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	45.0	65.0	80.0
	% Carbonates	25.0	0.0	0.0
	% Other	30.0 Binders	30.0	0.0
	% Unidentified	0.0	0.0	66.2

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

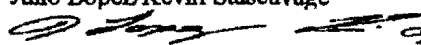
PA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06-11/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	229	230	231	232	
Layer Number					
Lab ID Number	695983	695984	695985	695986	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	No Yes Yes White	No Yes Yes Black	Yes No No Gray/Tan	No No Yes Gray/Tan
Sample Treatment	None	None	Homogenized	Homogenized	
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	55.0	0.0	0.0	30.0
Materials	% Cellulose	0.0	50.0	10.0	20.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	45.0	5.0	90.0	30.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	0.0	45.0	0.0	20.0
	% Unidentified	0.0	0.0	0.0	0.0

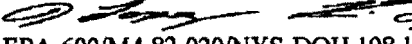
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06-11/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	233	234	235	236
<b>Layer Number</b>				
Lab ID Number	695987	695988	695989	695990
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
<b>Method of Quantification</b>				
	Stratified PC	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	Yes	Yes	No
	Color	Gray/Black	Gray	Gray/Black/Tan
	Yes	No	Yes	No
	No	Yes	No	No
	Yes	Yes	No	Yes
	Gray/Black	Gray	Gray/Black/Tan	Gray/Black
<b>Sample Treatment</b>				
	Homogenized	None	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	1.5	0.0	12.7
	% Other	0.0	0.0	0.0
	% Total Asbestos	1.5	0.0	12.7
Other Fibrous	% Fibrous Glass	0.0	5.0	0.0
Materials	% Cellulose	0.0	10.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	0.0	30.0	0.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	55.0	0.0
	% Unidentified	98.5	0.0	87.8

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

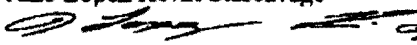
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06-11/96  
 Analyzed By : Julio Lopez/Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	210	225	226
Layer Number			
Lab ID Number	696871	696872	696873
Sample Location	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given

Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation
Appearance Layered	No	No	No
Homogenous	Yes	Yes	Yes
Fibrous	Yes	Yes	Yes
Color	Gray/White	Pink	Pink

Sample Treatment	Homogenized	None	None
Asbestos % Amosite	0.0	0.0	0.0
Content % Chrysotile	0.0	0.0	0.0
% Other	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0
Other Fibrous % Fibrous Glass	40.0	0.0	2.0
Materials % Cellulose	25.0	0.0	0.0
Present % Other	0.0	15.0 Synthetics	15.0 Synthetics
% Unidentified	0.0	0.0	0.0
Non-Fibrous % Silicates	20.0	85.0	83.0
Materials % Carbonates	0.0	0.0	0.0
Present % Other	15.0 Perlite	0.0	0.0
% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07ZT3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

960624

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-800/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
103096-209	
* 696271 <del>103096-210</del>	Do not analyze if sample 103096-209 is positive
103096-211	
103096-212	
103096-213	
103096-214	
103096-215	
103096-216	
103096-217	
103096-218	
103096-219	
103096-220	
103096-221	
103096-222	
103096-223	
103096-224	
* 696272 <del>103096-225</del>	Do not analyze if sample 103096-224 is positive
* 696273 <del>103096-226</del>	Do not analyze if sample 103096-224 is positive
103096-227	
103096-228	Do not analyze if sample 103096-227 is positive
103096-229	
103096-230	
103096-231	
103096-232	
103096-233	
103096-234	
103096-235	
103096-236	

The above 28 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, I

\* AS (labelled on bag 20)

Relinquished by: (Signature) A. Day Date: 10/30/96 Time: 1810

Received by: (Signature) S. Jones Date: 10/30/96 Time: 1813

OCT 30 '96 18:17



# CHAIN OF CUSTODY

9606/24

PROJECT: Stratford Army Engine Plant, Stratford, CT  
 CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
 ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
 LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
695967* 103096-209	
* 103096-210	Do not analyze if sample 103096-209 is positive
695968* 103096-211	
695969* 103096-212	
695970* 103096-213	
695971* 103096-214	
695972* 103096-215	
695973* 103096-216	
695974* 103096-217	
695975* 103096-218	
695976* 103096-219	
695977* 103096-220	
695978* 103096-221	
695979* 103096-222	
695980* 103096-223	
695981* 103096-224	
* 103096-225	Do not analyze if sample 103096-224 is positive
* 103096-226	Do not analyze if sample 103096-224 is positive
695982* 103096-227	
* 103096-228	Do not analyze if sample 103096-227 is positive
695983* 103096-229	
695984* 103096-230	
695985* 103096-231	
695986* 103096-232	
695987* 103096-233	
695988* 103096-234	
695989* 103096-235	
695990* 103096-236	

The above 28 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, I

Relinquished by: Cliff Frey Date: 10/30/96 Time: 1810

Received by: [Signature] Date: 10/30/96 Time: 1815

\* as shown on sample bags

OCT 30 '96 18:17

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

Client: Malcolm Pirnie, Inc Lab #'s 696871 - 696873

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 6-10 Day

Shipped Via: US Mail  Walk In   
Fed Exp  US Exp   
UPS Exp  UPS   
Drop Box  Other   
EAS Collected

Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other

Project Number: Stratford Army Engine Plant Sample Disposition:  (Std.)  (Other)

By: Antony S. Tseng *Antony S. Tseng* 10/30/96  
Name (Print or Type) Signature Date

By: Antony S. Tseng *Antony S. Tseng* 10/30/96  
Name (Print or Type) Signature Date

Notes: needs separate reports per "COC" (EAS) 10/30/96  
(7) separate reports

**FOR LABORATORY USE ONLY**

Number:	<u>920144</u>	Project Number:	<u>          </u>	Batch Number:	<u>9606124</u>
Received By:	<u>E. Sanchez</u>	<u><i>E Sanchez</i></u>		OCT 30 '96	18:17 <input type="checkbox"/>
	Name (Print)	Signature		Date	Time
In By:	<u>E. L. Bair</u>	<u><i>E L Bair</i></u>		11/07/96	1- <input type="checkbox"/>
By:	<u>N. Skubkeyz</u>	<u><i>N Skubkeyz</i></u>		11/7/96	pm <input checked="" type="checkbox"/>
By:					<input type="checkbox"/>
Received By:	<u>Kevin Stasavage</u>	<u><i>Kevin Stasavage</i></u>		11/11/96	11:55 <input checked="" type="checkbox"/>
Received By:					<input type="checkbox"/>
Analyzed By:					<input type="checkbox"/>
Released By:					<input type="checkbox"/>
Out By:					<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

Client: Malcolm Pirnie, Inc Lab #'s 695967 - 695990  
 Analyte: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 6-10 Day  
 No. of Samples: \_\_\_\_\_ Shipped Via: US Mail  Walk In   
 Fed Exp  US Exp   
 UPS Exp  UPS   
 Drop Box  Other   
 EAS Collected \_\_\_\_\_  
 State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_  
 Client Project Name/Number: Stratford Army Engine Plant Sample Disposition:  (Std.)  (Other)  
 Sampled By: Antony S. Tseng Antony S. Tseng 10/30/96  
Name (Print or Type) Signature Date  
 Submitted By: Antony S. Tseng Antony S. Tseng 10/30/96  
Name (Print or Type) Signature Date  
 Comments: needs separate reports per "COC" (ES) 10/30/96  
(7) separate reports

**FOR LABORATORY USE ONLY**

Account Number:	<u>920144</u>	Project Number:	_____	Batch Number:	<u>9606124</u>
Received By:	<u>E. Sanchez</u>	<u>E. Sanchez</u>		OCT 30 '96	18:17 <input type="checkbox"/>
	<small>Name (Print)</small>	<small>Signature</small>		<small>Date</small>	<small>Time</small>
Logged-In By:	<u>N. Skubskaya</u>	<u>N. Skubskaya</u>		<u>10/31/96</u>	<u>PM</u> <input checked="" type="checkbox"/>
Prepped By:	<u>N. Skubskaya</u>	<u>N. Skubskaya</u>		<u>11/6/96</u>	<u>PM</u> <input checked="" type="checkbox"/>
Prepped By:	_____	_____		_____	<input type="checkbox"/>
Analyzed By:	<u>J. Lopez</u>	<u>J. Lopez</u>		<u>11/6/96</u>	<input type="checkbox"/>
Analyzed By:	_____	_____		_____	<input type="checkbox"/>
Re-Analyzed By:	_____	_____		_____	<input type="checkbox"/>
Checked By:	_____	_____		_____	<input type="checkbox"/>
Logged-Out By:	_____	_____		_____	<input type="checkbox"/>



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

November 07, 1996

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant - Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 14 bulk samples received by Eastern Analytical Services, Inc. October 30, 1996. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail Lab@EASinc.com.

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed November 07, 1996  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06/96  
 Analyzed By : Julio Lopez  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	237	238	239	240
Layer Number				
Lab ID Number	695993	695994	695995	695996
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Stratified PC
Appearance	Layered	Yes	No	No
	Homogenous	No	Yes	Yes
	Fibrous	Yes	Yes	Yes
	Color	Gray/Black	Black	Beige
Sample Treatment	Homogenized	None	None	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	2.0	9.7	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	2.0	9.7	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	15.3
Non-Fibrous	% Silicates	0.0	0.0	10.0
Materials	% Carbonates	0.0	0.0	80.0
Present	% Other	0.0	0.0	10.0 Binders
	% Unidentified	98.0	90.3	0.0

Results Applicable To Those Items Tested

Labbing Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing

AHA Accreditation No. 410 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A-A-800073 Connecticut DOH No. PH 0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected :	10/30/96	Client:	Malcolm Pirnie, Inc.
Collected by :	A. Tseng		104 Corporate Park Drive
Date Received :	10/30/96		Box 751
Date Analyzed :	11/06/96		White Plains, NY 10602
Analyzed By :	Julio Lopez		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	241	242	243	244
Layer Number				
Lab ID Number	695997	695998	695999	696000
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	No	Yes	Yes	Yes
Homogenous	No	No	No	No
Fibrous	Yes	Yes	Yes	Yes
Color	Gray/White	Gray/White	Tan	Gray/White
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	40.0	30.0	40.0	35.0
% Cellulose	40.0	20.0	15.0	20.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	20.0	20.0	30.0	30.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	30.0 Perlite	15.0 Perlite	15.0 Perlite
% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To These Items Tested

Sensitivity Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That HOB Items Tested Are Non-Asbestos Containing

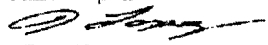
ILHA Accreditation No. 418 Rhode Island DOH No. AAL-07171 Massachusetts DOL No. A.A.060072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2092



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06/96  
 Analyzed By : Julio Lopez  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	245	246	247	248
Layer Number				
Lab ID Number	696001	696002	696003	696004
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	Yes
	Homogenous	Yes	Yes	No
	Fibrous	Yes	No	Yes
	Color	Gray	Gray	Gray/White
Sample Treatment	None	None	None	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	40.0	0.0	35.0
Materials	% Cellulose	40.0	2.0	40.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	20.0	98.0	75.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOR Items Tested Are Non-Asbestos Containing


AIRH Accreditation No. 410 Rhode Island DOH No. A-LL-0723 Massachusetts DCL No. A.A. 060071 Connecticut DOH No. PH-3920 Maine DEP No. LA-024 Vermont DOH No. AAS-2015



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06/96  
 Analyzed By : Julio Lopez  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	249	250
Layer Number		
Lab ID Number	696005	696006
Sample Location	Not Given	Not Given
Sample Description	Not Given	Not Given

Method of Quantification		Visual Estimation	Visual Estimation
Appearance	Layered	No	No
	Homogenous	Yes	Yes
	Fibrous	Yes	No
	Color	Gray	Brown

Sample Treatment		None	None
Asbestos	% Amosite	0.0	0.0
Content	% Chrysotile	0.0	0.0
	% Other	0.0	0.0
	% Total Asbestos	0.0	0.0
Other Fibrous	% Fibrous Glass	55.0	0.0
Materials	% Cellulose	0.0	0.0
Present	% Other	0.0	0.0
	% Unidentified	0.0	0.0
Non-Fibrous	% Silicates	45.0	65.0
Materials	% Carbonates	0.0	0.0
Present	% Other	0.0	35.0 Binders
	% Unidentified	0.0	0.0

Results Applicable To Those Items Tested

Ability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NDB Items Tested Are Non-Asbestos Containing

PA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 86607L Connecticut DOH No. FH-3613 Maine DEP No. LA-04 Vermont DOH No. AAS-2099



CHAIN OF CUSTODY

9606125

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
695993 * 103096- 237	
695994 * 103096- 238	
695995 * 103096- 239	
695996 * 103096- 240	
695997 * 103096- 241	
695998 * 103096- 242	
695999 * 103096- 243	
696000 * 103096- 244	
696001 * 103096- 245	
696002 * 103096- 246	
696003 * 103096- 247	
696004 * 103096- 248	
696005 * 103096- 249	
696006 * 103096- 250	

The above 14 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on 10/30/96.

Relinquished by: [Signature] Date: 10/30/96 Time: 1810

Received by: [Signature] Date: 10/30/96 Time: 1817

OCT 30 '96 18:17

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

Client: Malcolm Pirnie, Inc Lab #'s 695993 - 696006

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 6-10 Day

Project Name: % Asbestos

Number of Samples: \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Project Number: Stratford Army Engine Plant Sample Disposition:  (Std.) \_\_\_\_\_ (Other)

Received By: Antony S. Tseng Signature: [Signature] Date: 10/30/96  
Name (Print or Type) Signature Date

Shipped By: Antony S. Tseng Signature: [Signature] Date: 10/30/96  
Name (Print or Type) Signature Date

Comments: needs separate reports per "COC" (ES) 10/30/96  
(7) separate reports

**FOR LABORATORY USE ONLY**

Account Number:	<u>920144</u>	Project Number:	_____	Batch Number:	<u>9606125</u>
Received By:	<u>E. Sanchez</u> Name (Print)	Signature:	<u>[Signature]</u>	Date:	<u>OCT 30 '96</u>
Received-In By:	<u>E.N. Skubskaya</u>	Signature:	<u>[Signature]</u>	Date:	<u>10/31/96</u>
Received By:	<u>N. Skubskaya</u>	Signature:	<u>[Signature]</u>	Date:	<u>10/31/96</u>
Received By:	_____	Signature:	_____	Date:	_____
Received By:	<u>J Lopez</u>	Signature:	<u>[Signature]</u>	Date:	<u>11/6/96</u>
Received By:	_____	Signature:	_____	Date:	_____
Received By:	_____	Signature:	_____	Date:	_____
Received By:	_____	Signature:	_____	Date:	_____
Received By:	_____	Signature:	_____	Date:	_____
Received By:	_____	Signature:	_____	Date:	_____



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

November 07, 1996

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant - Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. October 30, 1996. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 07, 1996  
914-641-2455

CHAIN OF CUSTODY

9606129

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
<del>103096-251</del>	C95865

\* AS (labeled on bag)

The above 1 sample was sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on 10/30/96.

Relinquished by: Cliff Frey Date: 10/30/96 Time: 1810

Received by: E. James Date: 10/30/96 Time: 1813

OCT 30 '96 18:17

Eastern Analytical Services, Inc.  
914-592-8380

CHAIN OF CUSTODY

Client: Malcolm Pirnie, Inc Lab #'s 675865

Analyte: % Asbestos

No. of Samples: 1

Date of Origin:  NY  CT  NJ  PA  MA  RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stafford Army Engine Plant

Turn-Around:  06 Hr  12 Hr  24 Hr  30 Hr  
 48 Hr  3-5 Day  Other 6-10 Day

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Sample Disposition:  (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng [Signature] 10/30/96  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng [Signature] 10/30/96  
Name (Print or Type) Signature Date

Comments: needs separate reports per "COC" (ES) 10/30/96  
(7) separate reports

FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: \_\_\_\_\_ Batch Number: 9606126

Received By: E. Sanchez [Signature] OCT 30 '96 18:17   
Name (Print) Signature Date Time

Logged-In By: [Signature] [Signature] 10/31/96 Am

Prepped By: N. Skubskaya [Signature] 11/6/96 Am

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: [Signature] [Signature] 11/6/96 \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Co-Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_


Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant - Stratford, CT

Date Collected : 10/30/96  
 Collected by : A. Tseng  
 Date Received : 10/30/96  
 Date Analyzed : 11/06/96  
 Analyzed By : Julio Lopez  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 251

Layer Number

Lab ID Number 695865

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	No
	Homogenous	Yes
	Fibrous	No
	Color	Brown

Sample Treatment None

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
Present	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	25.0
Materials	% Carbonates	0.0
Present	% Other	75.0 Binders
	% Unidentified	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NEP Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 416 Rhode Island DOH No. AAL-07173 Massachusetts DCL No. A.A. 00071 Connecticut DOH No. PH-0611 Maine DEP No. LA-024 Vermont DOH No. AAS-2099



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 22 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/10/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number	252	253	254	255
Layer Number				
Lab ID Number	725019	725020	725021	725022
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	Yes No Yes Tan	Yes No Yes Black/Yellow	Yes No No Black/Green
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 1.5 0.0 1.5
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	40.0 20.0 0.0 0.0	2.0 3.0 0.0 0.0	0.0 0.0 0.0 1.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	30.0 10.0 0.0 0.0	40.0 35.0 20.0 0.0	78.0 0.0 0.0 20.0
			Binders	0.0 0.0 0.0 97.5

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A.006072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

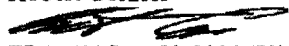




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/10/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	256	257	258	259
Layer Number				
Lab ID Number	725023	725024	725025	725026
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes No Black	No Yes No White	Yes No Yes Tan White/Gray
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0 % Chrysotile 1.8 % Other 0.0 % Total Asbestos 1.8	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0 % Cellulose 0.0 % Other 0.0 % Unidentified 1.0	0.0 10.0 0.0 0.0	50.0 20.0 0.0 0.0	35.0 15.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates 0.0 % Carbonates 0.0 % Other 0.0 % Unidentified 97.2	70.0 20.0 0.0 0.0	30.0 0.0 0.0 0.0	50.0 0.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-97273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/10/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number	260	261	262	263	
Layer Number					
Lab ID Number	725027	725028	725029	725030	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No No Black	Yes No Yes Green/Gray	Yes No Yes Gray	No Yes Yes White/Black
Sample Treatment	Homogenized	Homogenized	Homogenized	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 18.0 0.0 18.0	0.0 14.4 0.0 14.4	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	0.0 0.0 0.0 1.4	0.0 0.0 0.0 1.9	90.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	85.0 0.0 15.0 0.0	0.0 0.0 0.0 80.6	0.0 0.0 0.0 83.7	10.0 0.0 0.0 0.0


Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOC Items Tested Are Non-Asbestos Containing  
AIHA Accreditation No. 412 Rhode Island DOH No. AAL-077T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/10/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	264	265	266	267
Layer Number				
Lab ID Number	725031	725032	725033	725034
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes	Yes
	Homogenous	Yes	No	No
	Fibrous	Yes	Yes	No
	Color	Brown	White/Gray	Pink/Black/Yellow
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	55.3	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	55.3	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	40.0	0.0
Materials	% Cellulose	0.0	20.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	19.5	0.0	0.0
Non-Fibrous	% Silicates	0.0	40.0	60.0
Materials	% Carbonates	0.0	0.0	20.0
Present	% Other	0.0	0.0	20.0 Binders
	% Unidentified	25.2	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/10/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number	268	269	270	271
Layer Number				
Lab ID Number	725035	725036	725037	725038
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	Yes No No Tan/White	Yes No Yes Gray/Black	Yes No No Tan/Black
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 46.1 0.0 46.1	0.0 22.1 0.0 22.1
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 2.0 0.0 0.0	0.0 0.0 0.0 25.5	0.0 0.0 0.0 14.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	90.0 8.0 0.0 0.0	0.0 0.0 0.0 28.4	20.0 60.0 20.0 0.0

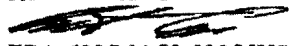
Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
AIHA Accreditation No. 415 Rhode Island DOH No. AAL-077D Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0422 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/10/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	272	273
Layer Number		
Lab ID Number	725039	725040
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation
Appearance Layered	No	No
Homogenous	Yes	Yes
Fibrous	No	No
Color	Black	Gray

Sample Treatment	Homogenized	None
------------------	-------------	------

Asbestos	% Amosite	0.0	0.0
Content	% Chrysotile	0.0	0.0
	% Other	0.0	0.0
	% Total Asbestos	0.0	0.0

Other Fibrous	% Fibrous Glass	0.0	0.0
Materials	% Cellulose	2.0	0.0
Present	% Other	0.0	0.0
	% Unidentified	0.0	0.0

Non-Fibrous	% Silicates	68.0	80.0
Materials	% Carbonates	0.0	0.0
Present	% Other	30.0 Binders	20.0 Vermiculite
	% Unidentified	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

## CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pimie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
<del>060297-252</del>	725019
<del>060297-253</del>	725020
<del>060297-254</del>	725021
<del>060297-255</del>	725022
<del>060297-256</del>	725023
<del>060297-257</del>	725024
<del>060297-258</del>	725025
<del>060297-259</del>	725026
<del>060297-260</del>	725027
<del>060297-261</del>	725028
<del>060297-262</del>	725029
<del>060297-263</del>	725030
<del>060297-264</del>	725031
<del>060297-265</del>	725032
<del>060297-266</del>	725033
<del>060297-267</del>	725034
<del>060297-268</del>	725035
<del>060297-269</del>	725036
<del>060297-270</del>	725037
<del>060297-271</del>	725038
<del>060297-272</del>	725039
<del>060297-273</del>	725040
<del>060297-278</del>	Do not analyze if sample 111596-269 is positive 725041

The above ~~22~~ samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

23 JPS 060397

Relinquished by: Terril Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Sordani Date: 6/3/97 Time: JUN 3 '97 15:17

\* As shown on sample Bags.

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Arkola P. Inc. Lab #'s \_\_\_\_\_

Analyte: 1/2 Asb- Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

No. of Samples: \_\_\_\_\_ Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: \_\_\_\_\_ Name (Print or Type) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Submitted By: Terri Wilson Name (Print or Type) \_\_\_\_\_ Signature Not Available Date 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: P0092-0144-000 Batch Number: 9703553

Received By: Joseph Sandhico Joseph Sandhico JUN 3 '97 15:21 (15:18)   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703553

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 23

Sample Disposition: Standard x  
Return

No. of Samples Analyzed: 22

Client Project Number/Name: RE: Stratford Army Engine Plant, Stratford, CT

Lab ID Numbers 725019-725028;725029-725040;725041


Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

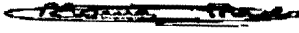
Received By: Joseph P. Sanchirico

Date: 06/03/97 Time: 1517



Logged In By: Marita Prado

Date: 06/04/97



Prepped By: Marita Prado

Date: 06/06/97



Analyzed By: Robert Cormor

Date: 06/10/97 Time: 1725



Re-Analyzed By:

Date:

Checked By: Paul Stascavage

Date: 06/16/97



Faxed By: Kevin Stascavage

Date: 06/16/97 Time: 1950



Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 4 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/10/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	274	275	276	277
Layer Number				
Lab ID Number	725042	725043	725044	725045
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	Yes	Yes
	Color	Gray/Tan	Gray/White	Rust
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	5.0	20.0	2.0
	% Cellulose	10.0	20.0	10.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	40.0	40.0	80.0
	% Carbonates	45.0	20.0	8.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	30.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHA Accreditation No. 418 Rhode Island DOH No. AAL-97ZT3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

### CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
+ <del>060297</del> 274	725042
+ <del>060297</del> 275	725043
+ <del>060297</del> 276	725044
+ <del>060297</del> 277	725045

The above 4 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Terril G. Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paul Date: 6/3/97 Time: \_\_\_\_\_ JUN 3 '97 15:17

④ As shown on Sample Bags.

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

AS Client: Makala Pinner Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Analyte: % Asb

Number of Samples: \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted By: Terril Wilson Signature: Not Available Date: 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: P0092-0144-000 Batch Number: 9703554

Received By: Joseph Sanchicco Signature: Joseph Sanchicco Date: JUN 3 '97 15:21 Time: 15:18 (B)

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Shipped-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703554  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 4  
Received:

No. of Samples 4  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725042-725045

Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

Received By: Joseph P. Sanchirico

Date: 06/03/97 Time: 1517



Logged In By: Marita Prado

Date: 06/04/97



Prepped By: Marita Prado

Date: 06/06/97



Analyzed By : Robert Connor

Date: 06/10/97 Time: 1737



Re-Analyzed By:

Date:

Checked By: Paul Stascavage

Date: 06/16/97



Faxed By: Kevin Stascavage

Date: 06/16/97 Time: 1951



Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 4 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

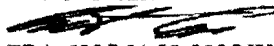
Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/09/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	279	280	281	282
Layer Number				
Lab ID Number	725057	725058	725059	725060
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance				
Layered	Yes	Yes	Yes	No
Homogenous	No	No	No	Yes
Fibrous	No	Yes	Yes	Yes
Color	Green/Black	Black	Gray/White	Gray
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	18.9	0.0	0.0	42.8
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	18.9	0.0	0.0	42.8
Other Fibrous Materials Present				
% Fibrous Glass	0.0	2.0	45.0	0.0
% Cellulose	0.0	3.0	15.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	6.5	0.0	0.0	18.8
Non-Fibrous Materials Present				
% Silicates	0.0	75.0	40.0	0.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	20.0 Binders	0.0	0.0
% Unidentified	74.6	0.0	0.0	38.4

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-0773 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pimie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
* <del>060297</del> - 279	725057
* <del>060297</del> - 280	725058
* <del>060297</del> - 281	725059
* <del>060297</del> - 282	725060

The above 4 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Terril Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paulin Date: 6/3/97 Time: \_\_\_\_\_ JUN 3 '97 15:17

\* AS shown on Sample Bags.



# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

AS Client: Makola P. r.n.e. Lab #'s \_\_\_\_\_

Turn- 06 Hr 12 Hr 24 Hr 30 Hr  
Around 48 Hr 3-5 Day Other 2 week

anlyte: % Ash -

Shipped US Mail \_\_\_\_\_ Walk In   
Via: Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

o. of Samples: \_\_\_\_\_

ate of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

lient Project ame/Number: Stratford Sample Disposition  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

ampled By: \_\_\_\_\_

Submitted By: Terril Wilson Signature: Not Available Date: 6/15/97

omments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: P0092-0144-000 Batch Number: 9703555

Received By: Joseph Sandicisco Signature: Joseph P. Sandicisco Date: JUN 3 '97 15:18 (P)   
Name (Print) Signature Time

ogged-In By: \_\_\_\_\_

repped By: \_\_\_\_\_

repped By: \_\_\_\_\_

analyzed By: \_\_\_\_\_

analyzed By: \_\_\_\_\_

te-Analyzed By: \_\_\_\_\_

hecked By: \_\_\_\_\_

ogged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703555  
Turn-Around: 2 Week  
Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 4  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 4  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725057-725060

Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

Received By: Joseph P. Sanchirico



Date: 06/03/97 Time: 1517

Logged In By: Marita Prado



Date: 06/04/97

Prepped By: Marita Prado



Date: 06/06/97

Analyzed By: Robert Connor



Date: 06/09/97 Time: 1612

Re-Analyzed By:

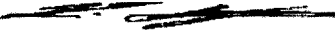
Date:

Checked By: Paul Stascavage



Date: 06/16/97

Faxed By: Kevin Stascavage



Date: 06/16/97 Time: 1953

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/09/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number	283	284	285	286
Layer Number				
Lab ID Number	725065	725066	725067	725068
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Stratified PC	Visual Estimation
Appearance				
Layered	No	Yes	Yes	Yes
Homogenous	Yes	No	No	No
Fibrous	Yes	No	Yes	No
Color	Gray	Gray/Green	Gray/Black	Black
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos Content				
% Amosite	52.4	0.0	0.0	0.0
% Chrysotile	2.4	11.0	4.4	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	54.8	11.0	4.4	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	0.0	0.0	2.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	3.6	45.9	7.5	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	0.0	70.0
% Carbonates	0.0	0.0	0.0	8.0
% Other	0.0	0.0	0.0	20.0 Binders
% Unidentified	41.6	43.1	88.1	0.0

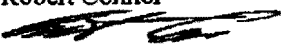
Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOI No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/09/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 287  
 Layer Number  
 Lab ID Number 725069  
 Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	Yes
	Homogenous	No
	Fibrous	Yes
	Color	Gray/Black

Sample Treatment Homogenized

Asbestos	% Amosite	0.0	
Content	% Chrysotile	0.0	
	% Other	0.0	
	% Total Asbestos	0.0	
Other Fibrous Materials Present	% Fibrous Glass	0.0	
	% Cellulose	5.0	
	% Other	0.0	
	% Unidentified	0.0	
Non-Fibrous Materials Present	% Silicates	65.0	
	% Carbonates	0.0	
	% Other	30.0	Binders
	% Unidentified	0.0	

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-0773 Massachusetts DOL No. A A 000972 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023



Sample No.	Comments
<del>060297</del> - 283	725065
<del>060297</del> - 284	725066
<del>060297</del> - 285	725067
<del>060297</del> - 286	725068
<del>060297</del> - 287	725069

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Terri J Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Sullivan Date: 6/3/97 Time: \_\_\_\_\_ JUN 3 '97 15:18

\* AS shown on Sample Bags.

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm P. n.e. Lab #'s \_\_\_\_\_

Analyte: % Asb- Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

No. of Samples: \_\_\_\_\_ Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted By: Terril Wilson Signature: Not Available Date: 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

**FOR LABORATORY USE ONLY**

Account Number: 920144 Project Number: P0092-0144-000 Batch Number: 9703556

Received By: Joseph Sanichico Signature: Joseph P. Sanichico Date: JUN 3 '97 15:21 Time: 15:18 (13)

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703556

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 5

Sample Disposition: Standard x  
Return

No. of Samples Analyzed: 5

Client Project Number/Name: RE: Stratford Army Engine Plant, Stratford, CT

Lab ID Numbers 725065-725069

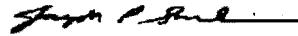
Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature


Received By: Joseph P. Sanchirico

Date: 06/03/97 Time: 1518



Logged In By: Marita Prado

Date: 06/04/97



Prepped By: Marita Prado

Date: 06/06/97



Analyzed By: Robert Connor

Date: 06/09/97 Time: 1659



Re-Analyzed By:

Date:

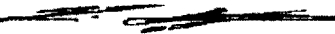
Checked By: Paul Stascavage

Date: 06/16/97



Faxed By: Kevin Stascavage

Date: 06/16/97 Time: 1955



Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail Lab@EASInc.com.

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed June 16, 1997  
914-641-2455



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant, Stratford, CT

Client: **Malcolm Pirnie, Inc.**  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/09/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number	288	289
Layer Number		
Lab ID Number	725074	725075
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation
Appearance	Layered	Yes
	Homogenous	No
	Fibrous	No
	Color	Blue/Gray
		Tan/Brown/Orange

Sample Treatment	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0	0.0
	% Chrysotile 0.0	0.0
	% Other 0.0	0.0
	% Total Asbestos 0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	2.0
	% Cellulose 2.0	5.0
	% Other 0.0	0.0
	% Unidentified 0.0	0.0
Non-Fibrous Materials Present	% Silicates 30.0	40.0
	% Carbonates 68.0	33.0
	% Other 0.0	0.0
	% Unidentified 0.0	20.0

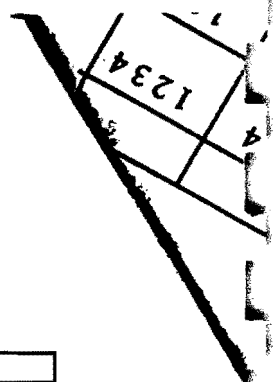
Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHIA Accreditation No. 418 Rhode Island DOH No. AAL-07713 Massachusetts DOI No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pimie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023



Sample No.	Comments
* -060297- 288	725074
* -060297- 289	725075

The above 2 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Terril J. Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Sant... Date: 6/3/97 Time: JUN 3 '97 15:18

\* As shown on Sample Bags.

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

Client: Makolm P. n.e. Lab #s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Collected By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Shipped By: Terril Wilson Signature: Not Available Date: 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

**FOR LABORATORY USE ONLY**

Account Number: 920144 Project Number: PC092-0144-000 Batch Number: 9703557

Received By: Joseph Sandhico Signature: Joseph P. Sandhico Date: JUN 3 '97 15:21 Time: 15:18 (15)

Received-In By: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Reviewed By: \_\_\_\_\_

Released-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703557  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples Received: 2

No. of Samples Analyzed: 2

Client Project Number/Name: RE: Stratford Army Engine Plant, Stratford, CT

Lab ID Numbers 725074-725075

Collected By: Not Given

\_\_\_\_\_  
Signature

Date: Not Given

Received By: Joseph P. Sanchirico



Date: 06/03/97 Time: 1518

Logged In By: Marita Prado



Date: 06/04/97

Prepped By: Marita Prado



Date: 06/06/97

Analyzed By: Robert Connor



Date: 06/09/97 Time: 1633

Re-Analyzed By:

Date:

Checked By: Paul Stascavage



Date: 06/16/97

Faxed By: Kevin Stascavage



Date: 06/16/97 Time: 1957

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 3 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

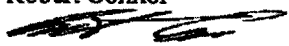
Faxed June 16, 1997  
914-641-2455



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/09/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	290	291	292
Layer Number			
Lab ID Number	725078	725079	725080
Sample Location	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No
	Homogenous	No	Yes
	Fibrous	Yes	No
	Color	Tan	White
Sample Treatment	Homogenized	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0
	% Chrysotile	0.0	0.0
	% Other	0.0	0.0
	% Total Asbestos	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	5.0	35.0
	% Cellulose	5.0	0.0
	% Other	0.0	0.0
	% Unidentified	0.0	0.0
Non-Fibrous Materials Present	% Silicates	50.0	65.0
	% Carbonates	40.0	0.0
	% Other	0.0	0.0
	% Unidentified	0.0	0.0

Results Applicable To Those Items Tested.  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 080072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

\*  
↓

Sample No.	Comments
<del>060297</del> - 290	725078
<del>060297</del> - 291	725079
<del>060297</del> - 292	725080

The above 3 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Terril L. Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paulini Date: 6/3/97 Time: JUN 3 '97 15:18

\* As shown on Sample Bags.



# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

AS Client: Marko P. Pine Lab #'s \_\_\_\_\_

Analyte: % Agb- Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

No. of Samples: \_\_\_\_\_ Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Date of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: \_\_\_\_\_ Name (Print or Type) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Submitted By: Terril Wilson Name (Print or Type) \_\_\_\_\_ Signature Post Available Date 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: P0092-0144-000 Batch Number: 9703558

Received By: Joseph Sanchiciso Name (Print) \_\_\_\_\_ Signature Joseph Sanchiciso Date JUN 3 '97 15:18 Time 15:21

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703558

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 3  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 3  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725078-725080

Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

Received By: Joseph P. Sanchirico



Date: 06/03/97

Time: 1518

Logged In By: Marita Prado




Date: 06/04/97

Prepped By: Marita Prado



Date: 06/06/97

Analyzed By: Robert Connor



Date: 06/09/97

Time: 1639

Re-Analyzed By:

Date:

Checked By: Paul Stascavage



Date: 06/16/97

Faxed By: Kevin Stascavage



Date: 06/16/97

Time: 1958

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford-Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 6 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

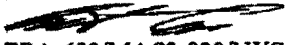
Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/09/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	293	294	295	296
<b>Layer Number</b>				
Lab ID Number	725089	725090	725091	725092
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
<b>Method of Quantification</b>	<b>Visual Estimation</b>	<b>Visual Estimation</b>	<b>Visual Estimation</b>	<b>Visual Estimation</b>
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	Yes
	Color	Rust	Gray/White	Gray/Tan
<b>Sample Treatment</b>	<b>Homogenized</b>	<b>Homogenized</b>	<b>Homogenized</b>	<b>Homogenized</b>
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	5.0
Materials	% Cellulose	2.0	2.0	5.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	78.0	30.0	60.0
Materials	% Carbonates	0.0	68.0	40.0
Present	% Other	20.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
		<b>Binders</b>		

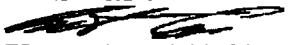
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-0773 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/09/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	297	298
Layer Number		
Lab ID Number	725093	725094
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation
Appearance	Layered	Yes
	Homogenous	No
	Fibrous	No
	Color	Rust/Gray
		Brown/Blue

Sample Treatment	Homogenized	Homogenized
Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0
Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	1.0
Present	% Other	0.0
	% Unidentified	0.0
Non-Fibrous	% Silicates	79.0
Materials	% Carbonates	0.0
Present	% Other	20.0
	% Unidentified	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOI No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**CHAIN OF CUSTODY**

PROJECT: Stratford Army Engine Plant, Stratford, CT  
 CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
 ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
 LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023



Sample No.	Comments
<del>060297-293</del>	725089
<del>060297-294</del>	725090
<del>060297-295</del>	725091
<del>060297-296</del>	725092
<del>060297-397</del>	725093
<del>060297-398</del>	725094

The above 6 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Terril D. Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paul Date: 6/3/97 Time: JUN 3 '97 15:18

\* As shown on Sample Bags.

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

AS Client:

Mikola P. r.e.

Lab #'s \_\_\_\_\_

Analyte:

1/2 Asb-

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

No. of Samples:

\_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Date of Origin:

NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number:

Stratford

Sample Disposition

(Std.)

(Other)

Sampled By:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name (Print or Type)

Signature

Date

Submitted By:

Terri Wilson

Not Available

6/15/97

Name (Print or Type)

Signature

Date

Comments:

Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144

Project Number: PC092-0144-000

Batch Number: 9703559

Received By:

Joseph Santhosico  
Name (Print)

Joseph P. Santhosico  
Signature

JUN 3 '97

15:18  
Time

Logged-In By:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Prepped By:

\_\_\_\_\_

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Prepped By:

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Analyzed By:

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Analyzed By:

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\_\_\_\_\_

Re-Analyzed By:

\_\_\_\_\_

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\_\_\_\_\_

Checked By:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Logged-Out By:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703559

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 6  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 6  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725089-725094

Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

Received By: Joseph P. Sanchirico

Date: 06/03/97

Time: 1518



Logged In By: Marita Prado

Date: 06/04/97



Prepped By: Marita Prado


Date: 06/06/97



Analyzed By: Robert Connor

Date: 06/09/97

Time: 1653




Re-Analyzed By:

Date:

Checked By: Paul Stascavage

Date: 06/16/97



Faxed By: Kevin Stascavage

Date: 06/16/97

Time: 2002



Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', with a stylized flourish at the end.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	297	298	299	300
Layer Number				
Lab ID Number	725095	725096	725097	725098
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	No	Yes	Yes
	Color	Black	Brown/Black/Gray	Tan/Black
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 3.3	0.0	0.0	5.6
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 3.3	0.0	0.0	5.6
Other Fibrous Materials Present	% Fibrous Glass 0.0	0.0	0.0	0.0
	% Cellulose 0.0	2.0	3.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 3.0	0.0	0.0	2.6
Non-Fibrous Materials Present	% Silicates 0.0	90.0	75.0	0.0
	% Carbonates 0.0	8.0	12.0	0.0
	% Other 0.0	0.0	10.0 Binders	0.0
	% Unidentified 93.7	0.0	0.0	91.8


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-077E3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 301

Layer Number

Lab ID Number 725099

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	No
	Homogenous	Yes
	Fibrous	No
	Color	White

Sample Treatment None

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	20.0
Present	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	60.0
Materials	% Carbonates	20.0
Present	% Other	0.0
	% Unidentified	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHIA Accreditation No. 418 Rhode Island DOH No. AAL-0777 Massachusetts DOL No. A-A-00072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

\*  
\*  
\*  
\*  
\*

Sample No.	Comments
<del>060297</del> - 297	725095
<del>060297</del> - 298	725096
<del>060297</del> - 299	725097
<del>060297</del> - 300	725098
<del>060297</del> - 301	725099

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Teri Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paul Date: 6/3/97 Time: \_\_\_\_\_

JUN 3 '97 15:18

\* As shown on Sample Bags.

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

AS Client: Michael P. ... Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Analyte: 2% Asb-

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name (Print or Type)

Submitted By: Terril Wilson Signature: Not Available Date: 6/15/97  
Name (Print or Type)

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: P0092-0144-000 Batch Number: 9703560

Received By: Joseph Sandicco Signature: Joseph Sandicco Date: JUN 3 '97 15:18 Time: 15:21

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703560

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 5  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 5  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725095-725099

Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

Received By: Joseph P. Sanchirico



Date: 06/03/97

Time: 1518

Logged In By: Marita Prado



Date: 06/04/97

Prepped By: Marita Prado



Date: 06/09/97

Analyzed By: Robert Connor



Date: 06/11/97

Time: 1311

Re-Analyzed By:

Date:

Checked By: Paul Stascavage



Date: 06/16/97

Faxed By: Kevin Stascavage



Date: 06/16/97

Time: 2004

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail Lab@EASInc.com.

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	302	303
Layer Number		
Lab ID Number	725214	725215
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation
Appearance Layered	Yes	No
Homogenous	No	Yes
Fibrous	Yes	No
Color	White/Gray	White

Sample Treatment	Homogenized	None
Asbestos % Amosite	0.0	0.0
Content % Chrysotile	0.0	0.0
% Other	0.0	0.0
% Total Asbestos	0.0	0.0
Other Fibrous % Fibrous Glass	20.0	0.0
Materials % Cellulose	30.0	2.0
Present % Other	0.0	0.0
% Unidentified	0.0	0.0
Non-Fibrous % Silicates	40.0	30.0
Materials % Carbonates	10.0	68.0
Present % Other	0.0	0.0
% Unidentified	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-0773 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
* <del>060297-</del> 302	725214
* <del>060297-</del> 303	725215

The above 2 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Terril Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph L. Ford Date: 6/3/97 Time: \_\_\_\_\_

JUN 3 '97 15:18

\* As shown on Sample Bags.

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Mikola P. Inc. Lab #s \_\_\_\_\_

Type: 1/2 Ash Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Number of Samples: \_\_\_\_\_ Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Received By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Shipped By: Terri Wilson Signature: Not Available Date: 6/13/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: PC092-0144-000 Batch Number: 9703561

Received By: Joseph Sanchez Signature: Joseph Sanchez Date: JUN 3 '97 15:21 Time: 15:18 (AS)

Received-In By: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Packaged By: \_\_\_\_\_

Shipped-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703561  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 2  
Received:

No. of Samples 2  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725214-725215

Collected By: Not Given

\_\_\_\_\_  
Signature

Date: Not Given

Received By: Joseph P. Sanchirico



Date: 06/03/97 Time: 1518

Logged In By: Marita Prado



Date: 06/05/97

Prepped By: Marita Prado



Date: 06/09/97

Analyzed By: Robert Connor



Date: 06/11/97 Time: 1315

Re-Analyzed By:

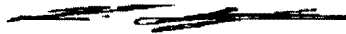
Date:

Checked By: Paul Stascavage



Date: 06/16/97

Faxed By: Kevin Stascavage



Date: 06/16/97 Time: 2006

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 3 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	304	305	306
Layer Number			
Lab ID Number	725216	725217	725218
Sample Location	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No
	Homogenous	No	Yes
	Fibrous	Yes	No
	Color	Gray/White	Tan
Sample Treatment	Homogenized	Homogenized	None
Asbestos	% Amosite	0.0	0.0
Content	% Chrysotile	0.0	0.0
	% Other	0.0	0.0
	% Total Asbestos	0.0	0.0
Other Fibrous	% Fibrous Glass	40.0	30.0
Materials	% Cellulose	10.0	20.0
Present	% Other	0.0	0.0
	% Unidentified	0.0	0.0
Non-Fibrous	% Silicates	40.0	30.0
Materials	% Carbonates	10.0	20.0
Present	% Other	0.0	0.0
	% Unidentified	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
* .060297- 304	725210
* .060297- 305	725217
* .060297- 306	725218

The above 3 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Terril Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paul Date: 6/3/97 Time: JUN 3 '97 15:18

\* As shown on Sample Bags.

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Marko P. ... Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Analyte: % Asb-

No. of Samples: \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Date of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted By: Terri Wilson Signature: Post Available Date: 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: PC092-0144-000 Batch Number: 9703562

Received By: Joseph Sanchiciso Signature: Joseph Sanchiciso Date: JUN 3 '97 15:21 Time: 15:18 (M)

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Reprepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703562  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples Received: 3

No. of Samples Analyzed: 3

Client Project Number/Name: RE: Stratford Army Engine Plant, Stratford, CT

Lab ID Numbers 725216-725218

Collected By: Not Given

\_\_\_\_\_  
Signature


Date: Not Given

Received By: Joseph P. Sanchirico



Date: 06/03/97 Time: 1518

Logged In By: Marita Prado



Date: 06/05/97

Prepped By: Marita Prado



Date: 06/10/97

Analyzed By: Robert Connor



Date: 06/11/97 Time: 1144

Re-Analyzed By:


Date:

Checked By: Paul Stascavage



Date: 06/16/97

Faxed By: Kevin Stascavage



Date: 06/16/97 Time: 2015

Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 3 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', with a horizontal line drawn through it.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

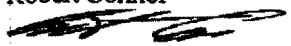
Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	307	308	396
Layer Number			
Lab ID Number	725219	725220	725221
Sample Location	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	Yes No Yes Brown/White	Yes No No White/Gray/Yellow
Sample Treatment	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 20.0 0.0 0.0	20.0 30.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	80.0 0.0 0.0 0.0	40.0 10.0 0.0 0.0
			98.5

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 418 Rhode Island DOH No. AAL-07773 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pimie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
* <del>060297</del> - 307	725219
* <del>060297</del> - 308	725220
* <del>060297</del> - 396	725221

The above 3 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Teri G. Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paulini Date: 6/3/97 Time: \_\_\_\_\_ JUN 3 '97 15:18

\* AS shown on Sample Bags.

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Marko P. P. P. Lab #'s \_\_\_\_\_

Type: % Lab - Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Number of Samples: \_\_\_\_\_ Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Received By: \_\_\_\_\_ Name (Print or Type) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Shipped By: Terril Wilson Name (Print or Type) Not Available Signature \_\_\_\_\_ Date 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: P0092-0144-000 Batch Number: 9703563

Received By: Joseph Sanchez Name (Print) Joseph Sanchez Signature \_\_\_\_\_ Date JUN 3 '97 Time 15:21

Received-In By: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Shipped-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703563  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 3  
Received:

No. of Samples 3  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725219-725220;725221

Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

Received By: Joseph P. Sanchirico



Date: 06/03/97 Time: 1518

Logged In By: Marita Prado



Date: 06/05/97

Prepped By: Marita Prado



Date: 06/10/97

Analyzed By: Robert Connor



Date: 06/11/97 Time: 1250

Re-Analyzed By:

Date:

Checked By: Paul Stascavage



Date: 06/16/97

Faxed By: Kevin Stascavage



Date: 06/16/97 Time: 2017

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 12 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed June 18, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	309	310	311	312
Layer Number				
Lab ID Number	725258	725259	725260	725261
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	No	No	No
	Color	Gray	Tan	White
Sample Treatment	None	None	None	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	40.0	12.0	0.0
Materials	% Cellulose	0.0	3.0	0.0
Present	% Other	0.0	0.0	3.0 Talc
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	50.0	70.0	90.0
Materials	% Carbonates	10.0	15.0	7.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

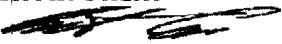
AJHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	313	314	315	316	
Layer Number					
Lab ID Number	725262	725263	725264	725265	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	No Yes No Violet	No Yes No Violet	No Yes No Brown	No Yes No Beige
Sample Treatment	None	None	None	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 1.4 0.0 1.4	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	3.0 2.0 0.0 0.0	7.0 3.0 0.0 0.0	0.0 0.0 0.0 22.1	25.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	85.0 10.0 0.0 0.0	80.0 10.0 0.0 0.0	0.0 0.0 0.0 76.5	60.0 15.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095






# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	317	318	051597-19-130-01399	471
Layer Number				
Lab ID Number	725266	725267	725268	725269
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given (Tile Layer)	Not Given (Mastic Layer)	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	No	No	Yes
	Color	Gray	Rust/Gray	Green/Rust/Brown
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	2.0	0.0
Materials	% Cellulose	0.0	0.0	2.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	60.0	50.0	80.0
Materials	% Carbonates	20.0	8.0	18.0
Present	% Other	20.0	40.0	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOD Items Tested Are Non-Asbestos Containing

AHIA Accreditation No. 418 Rhode Island DOH No. AAL-97273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

### CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pimie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments	
<del>060297- 309</del>	725258	
060297- 310	725259	
060297- 311	725260	
060297- 312	725261	
060297- 313	725262	
060297- 314	725263	
060297- 315	725264	
060297- 316	725265	
<del>060297- 317 (floor tile)</del>	Could not separate mastic from floor tile sample. Please attempt and	725266
060297- 318 (mastic)	report results for floor tile and mastic separately. If not possible,	725267
	report composite result.	
<del>060297- 399</del>		725268
<del>060297- 471</del>		725269

*As indicated  
 Sample Bags*

*1597-19-130-\**  
 \*

The above 12 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Tami Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: [Signature] Date: 6/3/97 Time: JUN 3 '97 15:18

*\* As shown on Sample Bags.*

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

AS Client: Melvin P. ... Lab #'s \_\_\_\_\_

Turn- 06 Hr 12 Hr 24 Hr 30 Hr  
Around 48 Hr 3-5 Day Other 2 week

Analyte: % Asb-

No. of Samples: \_\_\_\_\_

Date of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Client Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Collected By: \_\_\_\_\_ Name (Print or Type) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Submitted By: Terril Wilson Post Available 6/13/97  
Name (Print or Type) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: PC092-0144-000 Batch Number: 9703564

Received By: Joseph Sanchirico Joseph Sanchirico JUN 3 '97 15:21 (15:18)   
Name (Print) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Repped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

e-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703564

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 12  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 12  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725258-725267;725268;725269

Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

Received By: Joseph P. Sanchirico



Date: 06/03/97

Time: 1518

Logged In By: Marita Prado



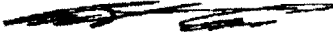
Date: 06/05/97

Prepped By: Marita Prado



Date: 06/10/97

Analyzed By: Robert Connor



Date: 06/11/97

Time: 1222

Re-Analyzed By:

Date:

Checked By: Paul Stascavage



Date: 06/16/97

Faxed By: Kevin Stascavage



Date: 06/16/97

Time: 2019

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

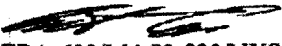
Faxed June 16, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	319	320	321	322
Layer Number				
Lab ID Number	725306	725307	725308	725309
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes No Brown	Yes No No Black	No Yes No Brown
Sample Treatment	None	Homogenized	None	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 17.2 0.0 17.2	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 15.0 0.0 0.0	0.0 0.0 0.0 14.9	0.0 30.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	45.0 0.0 40.0 0.0	0.0 0.0 0.0 67.9	70.0 0.0 0.0 0.0


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-97ZT3 Massachusetts DOL No. AA 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/11/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 323  
 Layer Number  
 Lab ID Number 725310  
 Sample Location Not Given

Sample Description Not Given

Method of Quantification		Visual Estimation
Appearance	Layered	Yes
	Homogenous	No
	Fibrous	Yes
	Color	Black/Tan

Sample Treatment		Homogenized
Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0
Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	25.0
Present	% Other	0.0
	% Unidentified	0.0
Non-Fibrous	% Silicates	75.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-0773 Massachusetts DOI No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
<del>060297- 319</del>	725306
<del>060297- 320</del>	725307
<del>060297- 321</del>	725308
<del>060297- 322</del>	725309
<del>060297- 323</del>	725310

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Teri J. Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paul Date: 6/3/97 Time: \_\_\_\_\_

JUN 3 '97 15:18

\* As indicated on Sample Bags



**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

AS Client: Malcolm Pinner Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Analyte: % Asb-

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Date of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Collected By: \_\_\_\_\_ Name (Print or Type) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Submitted By: Terril Wilson Not Available 6/13/97  
Name (Print or Type) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Comments: Delivered by Kate Bennett  
Kate Bennett

**FOR LABORATORY USE ONLY**

Account Number: 920144 Project Number: PC092-0144-000 Batch Number: 9703565

Received By: Joseph Sanchez Joseph Sanchez JUN 3 '97 15:21 (15:18)   
Name (Print) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Repped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703565

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 5  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 5  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725306-725310

Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

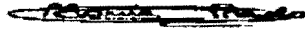
Received By: Joseph P. Sanchirico



Date: 06/03/97

Time: 1518

Logged In By: Marita Prado



Date: 06/05/97

Prepped By: Marita Prado



Date: 06/10/97

Analyzed By: Robert Connor



Date: 06/11/97

Time: 1237

Re-Analyzed By:

Date:

Checked By: Paul Stascavage



Date: 06/16/97

Faxed By: Kevin Stascavage



Date: 06/16/97

Time: 2021

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 141 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed June 18, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/13-17/97

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Analyzed By : Paul Stascavage/Robert Connor

Signature :

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1

NVLAP Lab No. 101646-0

NYS Lab No. 10851

Sample ID Number	324	325	326	327
Layer Number				
Lab ID Number	725359	725360	725361	725362
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Visual Estimation
Appearance Layered	Yes	No	Yes	Yes
Homogenous	No	Yes	No	No
Fibrous	No	No	No	Yes
Color	Black	Black	Brown/Tan	White/Gray
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0 % Chrysotile < 1.0 % Other 0.0 % Total Asbestos < 1.0	0.0 4.8 0.0 4.8	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0 % Cellulose 0.0 % Other 0.0 % Unidentified 1.2	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	15.0 20.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates 0.0 % Carbonates 0.0 % Other 0.0 % Unidentified 98.8	0.0 0.0 0.0 95.2	40.0 60.0 0.0 0.0	20.0 45.0 0.0 0.0

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
AIHA Accreditation No. 418 Rhode Island DPH No. AAL-0727 Massachusetts DOI No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	328	329	330	331
Layer Number				
Lab ID Number	725363	725364	725365	725366
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	No	Yes	Yes
	Homogenous	Yes	No	No
	Fibrous	Yes	Yes	Yes
	Color	Yellow	Gray/White	Black/Gray
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	1.5
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	1.5
Other Fibrous	% Fibrous Glass	0.0	15.0	0.0
Materials	% Cellulose	5.0	20.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	10.0	20.0	30.0
Materials	% Carbonates	15.0	45.0	70.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	70.0	0.0	98.5

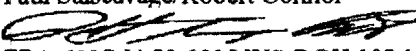
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 eHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000672 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	332	333	334	335
Layer Number				
Lab ID Number	725367	725368	725369	725370
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	No	Yes	Yes
	Homogenous	Yes	No	No
	Fibrous	No	Yes	No
	Color	Tan	White/Gray	Black/Tan/Gray/White
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	< 1.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	< 1.0
Other Fibrous	% Fibrous Glass	35.0	15.0	0.0
Materials	% Cellulose	0.0	50.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	< 1.0
Non-Fibrous	% Silicates	25.0	15.0	65.0
Materials	% Carbonates	40.0	20.0	35.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	100.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIA Accreditation No. 418 Rhode Island EOH No. AAL-0777 Massachusetts DOL No. A.A.000022 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	336	337	338	339
Layer Number				
Lab ID Number	725371	725372	725373	725374
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	Yes
	Homogenous	Yes	Yes	No
	Fibrous	Yes	No	No
	Color	Black	Tan	Tan/White
Sample Treatment	None	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	2.5	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	2.5	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	2.0
	% Cellulose	0.0	5.0	5.0
	% Other	0.0	0.0	0.0
	% Unidentified	1.2	0.0	0.0
Non-Fibrous Materials Present	% Silicates	0.0	55.0	50.0
	% Carbonates	0.0	40.0	43.0
	% Other	0.0	0.0	0.0
	% Unidentified	96.3	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 AIAA Accreditation No. 418 Rhode Island DOH No. A&L-07273 Massachusetts DOL No. A-6-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

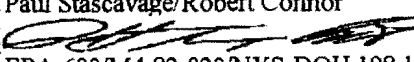


# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/13-17/97  
Analyzed By : Paul Stascavage/Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number	340	341	342	343
Layer Number				
Lab ID Number	725375	725376	725377	725378
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	Yes No No Green/Black	No Yes Yes Black	Yes No Yes Black/White
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 < 1.0 0.0 < 1.0	0.0 1.5 0.0 1.5	0.0 0.0 0.0 < 1.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 < 1.0	0.0 0.0 0.0 1.2	0.0 0.0 0.0 < 1.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 100.0	0.0 0.0 0.0 97.3	38.0 60.0 0.0 0.0

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A-A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

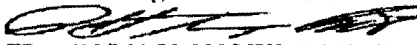




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	344	346	347	348
Layer Number				
Lab ID Number	725379	725380	725381	725382
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Stratified PC
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	No	No
	Color	Gray/White	Green/Tan	Black
Sample Treatment	Homogenized	Homogenized	None	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	11.4	< 1.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	11.4	< 1.0
Other Fibrous	% Fibrous Glass	10.0	0.0	0.0
Materials	% Cellulose	25.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	1.5
Non-Fibrous	% Silicates	20.0	0.0	0.0
Materials	% Carbonates	20.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	25.0	88.6	98.5

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing


AHJ Accreditation No. 413 Rhode Island DOH No. AAL-072T3 Massachusetts EQL No. A-6-000073 Connecticut DOH No. EH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

**Bulk Sample Results**  
RE: Stratford Army Engine Plant, Stratford, CT

Client: **Malcolm Pirnie, Inc.**  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/17/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number 472

Layer Number

Lab ID Number 725598

Sample Location Not Given

Sample Description Not Given

Method of Quantification Stratified PC

Appearance Layered No  
Homogenous Yes  
Fibrous Yes  
Color White

Sample Treatment None

Asbestos % Amosite 5.2  
Content % Chrysotile 35.8  
% Other 0.0  
% Total Asbestos 41.0

Other Fibrous % Fibrous Glass 0.0  
Materials % Cellulose 0.0  
Present % Other 0.0  
% Unidentified 3.7

Non-Fibrous % Silicates 0.0  
Materials % Carbonates 0.0  
Present % Other 0.0  
% Unidentified 55.3

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**CHAIN OF CUSTODY**

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pimie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
725542060297-472	

The above 1 sample was sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Terry J. Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paul Date: 6/3/97 Time: \_\_\_\_\_

JUN 3 '97 15:19

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Marko P. P. P. Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Type: 1/2 Lab

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Project of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Project Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Received By: \_\_\_\_\_ Name (Print or Type) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Delivered By: Terril Wilson Name (Print or Type) Not Available Signature \_\_\_\_\_ Date 6/13/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: PC092-0144-000 Batch Number: 9703569

Received By: Joseph Sanchicisco Name (Print) Joseph Sanchicisco Signature \_\_\_\_\_ Date JUN 3 '97 Time 15:21

Received-In By: \_\_\_\_\_

Received By: \_\_\_\_\_

Received By: \_\_\_\_\_

Received By: \_\_\_\_\_

Received By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Received By: \_\_\_\_\_

Received-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703569  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 1  
Received:

No. of Samples 1  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725598

Collected By: Not Given

\_\_\_\_\_  
Signature

Date: Not Given

Received By: Joseph P. Sanchirico



Date: 06/03/97

Time: 1519

Logged In By: Marita Prado



Date: 06/05/97

Prepped By: Marita Prado



Date: 06/16/97

Analyzed By: Robert Connor



Date: 06/17/97

Time: 2143

Re-Analyzed By:

Date:

Checked By: Robert Connor



Date: 06/17/97

Faxed By: Robert Connor



Date: 06/17/97

Time: 2349

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

October 20, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Dear Antony Tseng

Enclosed please find the laboratory results for the 202 bulk samples received by Eastern Analytical Services, Inc. October 09, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed October 17, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-474	100397-475	100397-476	100397-477
------------------	------------	------------	------------	------------

Layer Number

Lab ID Number	747132	747133	747134	747135
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------	-----------

Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	Yes	No
	Homogenous	Yes	No	No	Yes
	Fibrous	No	Yes	Yes	No
	Color	Green	Green/Tan	Gray/Tan	White

Sample Treatment		None	Homogenized	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	20.0	40.0	35.0	0.0
Present	% Other	0.0	0.0	0.0	5.0 Talc
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	35.0	20.0	20.0	95.0
Materials	% Carbonates	45.0	40.0	45.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing  
 ALTA Accreditation No. 411 Rhode Island DOH No. AAL-0727 Massachusetts DCL No. A.A. 06002 Connecticut DOH No. PH-0621 Maine DEP No. LA-024 Vermont DOH No. AAS-2993



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-478	100397-479	100397-480	100397-481	
Layer Number					
Lab ID Number	747136	747137	747138	747139	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No Yes Tan/Blue/Brown/ Gray	Yes No Yes Green/Black/Gray	No Yes No Black	No No Yes Red/White/Black
Sample Treatment	Homogenized	Homogenized	None	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 40.0 0.0 0.0	0.0 45.0 0.0 0.0	0.0 5.0 0.0 0.0	0.0 15.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	15.0 45.0 0.0 0.0	15.0 40.0 0.0 0.0	35.0 0.0 60.0 Binders 0.0	65.0 0.0 20.0 Binders 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 418 Rhode Island DOH No. 2AL-0021 Massachusetts DOL No. A-600672 Connecticut DOH No. PH-0611 Maine DEP No. LA-024 Vermont DOH No. AAS 2095





Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97
Collected By : Antony Tseng
Date Received : 10/09/97
Date Analyzed : 10/12-16/97
Analyzed By : Kevin Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Table with 5 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description, Method of Quantification, Appearance, Sample Treatment, and various percentage values for Asbestos and other materials.

Results Applicable To Those Items Tested

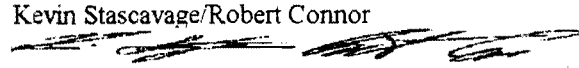
Quality Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing

AIEA Accreditation No. 416 Rhode Island ECH No. AAL-072T3 Massachusetts DCL No. 8-A-000673 Connecticut DOR No. PH-0623 Maine DEF No. LA-04 Vermont DOR No. AAS-2095

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-486	100397-487	100397-488	100397-489
Layer Number				
Lab ID Number	747144	747145	747146	747147
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes	Yes
	Homogenous	Yes	No	No
	Fibrous	Yes	No	No
	Color	Tan/Gray	Tan	Gray/Black
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 0.0	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	0.0	0.0	3.0
	% Cellulose 35.0	30.0	5.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 65.0	70.0	30.0	35.0
	% Carbonates 0.0	0.0	65.0	62.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That HOB Items Tested Are Non-Asbestos Containing

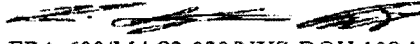
AHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DCL No. A A 063072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-490	100397-491	100397-492	100397-493
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Layer Number

Lab ID Number	747148	747149	747150	747151
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes	No	No
	Homogenous	Yes	No	Yes	No
	Fibrous	Yes	No	No	Yes
	Color	Tan	Dark Gray	Gray	Yellow/Gray/Tan
Sample Treatment		None	Homogenized	None	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	45.0	25.0
Materials	% Cellulose	0.0	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	15.0	70.0	55.0	75.0
Materials	% Carbonates	30.0	30.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	55.0	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing

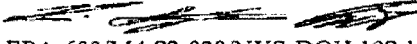
AIRH Accreditation No. 415 Rhode Island DOH No. AAL-97273 Massachusetts DOL No. A-000073 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-494	100397-495	100397-496	100397-497
Layer Number				
Lab ID Number	747152	747153	747154	747155
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Visual Estimation
Appearance				
Layered	No	No	Yes	Yes
Homogenous	Yes	No	No	No
Fibrous	Yes	Yes	Yes	No
Color	Gray	Gray/White/Blue	Brown/Blue/Beige	Gray/White
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos Content				
% Amosite	0.0	9.1	0.0	0.0
% Chrysotile	47.1	1.5	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	47.1	10.6	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	0.0	5.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	11.8	1.7	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	25.0	60.0
% Carbonates	0.0	0.0	70.0	30.0
% Other	0.0	0.0	0.0	10.0 Vermiculite
% Unidentified	41.1	87.7	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing

AIRMA Accreditation No. 416 Rhode Island DCH No. LAL-0727 Massachusetts DCL No. A.A.000672 Connecticut DCH No. PR-0623 Maine DEP No. LA-024 Vermont DCH No. AAS-2095



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

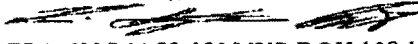
Date Collected : 10/09/97
Collected By : Antony Tseng
Date Received : 10/09/97
Date Analyzed : 10/12-16/97
Analyzed By : Kevin Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851
Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Table with 5 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description, Method of Quantification, Sample Treatment, and various percentage values for Asbestos and Fibrous Materials.

Results Applicable To These Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing
AIHA Accreditation No. 415 Rhode Island DOH No. AAL-07173 Massachusetts DOL No. A A 00072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-502	100397-503	100397-504	100397-505
Layer Number				
Lab ID Number	747160	747161	747162	747163
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes No Tan	Yes No Yes White/Gray/Tan	No Yes Yes Tan
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	50.0 20.0 0.0 0.0	0.0 35.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	60.0 0.0 0.0 40.0	30.0 0.0 0.0 0.0	35.0 40.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NGE Items Tested Are Non-Asbestos Containing

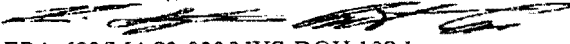
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07573 Massachusetts DCL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-506	100397-507	100397-508	100397-509
Layer Number				
Lab ID Number	747164	747165	747166	747167
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes No Gray	No Yes No Gray/Tan	Yes No Yes Tan/Brown/White
Sample Treatment	None	None	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 1.8 0.0 1.8	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	0.0 0.0 0.0 6.3	0.0 0.0 5.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	65.0 35.0 0.0 0.0	0.0 0.0 0.0 98.2	95.0 0.0 0.0 0.0

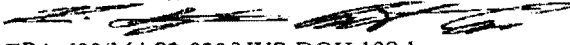
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 ALHA Accreditation No. 413 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 00007C Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-510	100397-511	100397-512	100397-513
Layer Number				
Lab ID Number	747168	747169	747170	747171
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given

Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No	No
	Homogenous	No	No	Yes	Yes
	Fibrous	No	No	No	No
	Color	White/Blue	White/Tan/Brown	Brown	Tan

Sample Treatment		Homogenized	Homogenized	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0	0.0
	% Cellulose	0.0	5.0	5.0	2.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	20.0	25.0	65.0	98.0
	% Carbonates	80.0	70.0	30.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NCE Items Tested Are Non-Asbestos Containing

AIEA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095





# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-514	100397-515	100397-516	100397-517
Layer Number				
Lab ID Number	747172	747173	747174	747175
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	Yes	Yes	Yes
	Color	Brown	Brown	Gray
Sample Treatment	None	None	None	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	< 1.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	< 1.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	40.0
Materials	% Cellulose	0.0	15.0	1.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	6.3	0.0	0.0
Non-Fibrous	% Silicates	0.0	30.0	99.0
Materials	% Carbonates	0.0	55.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	93.7	0.0	0.0

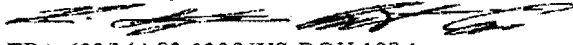
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NDB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 418 Rhode Island DOH No. ASL-0723 Massachusetts DOL No. AA-000072 Connecticut ECH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-209



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature:   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-518	100397-519	100397-520	100397-521	
Layer Number					
Lab ID Number	747176	747177	747178	747179	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Black	No Yes No Light Yellow	Yes No Yes Gray/Black	No Yes No Red
Sample Treatment	None	None	Homogenized	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	60.0 5.0 0.0 0.0	0.0 2.0 0.0 0.0	0.0 5.0 0.0 0.0	0.0 3.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	10.0 0.0 25.0 0.0	20.0 78.0 0.0 0.0	30.0 65.0 0.0 0.0	97.0 0.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NCE Items Tested Are Non-Asbestos Containing

AHCA Accreditation No. 418 Rhode Island DOH No. AAL-672T3 Massachusetts DOL No. A. A. 66602 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97
Collected By : Antony Tseng
Date Received : 10/09/97
Date Analyzed : 10/12-16/97
Analyzed By : Kevin Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851
Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Sample ID Number 100397-522 100397-523 100397-524 100397-525

Layer Number

Lab ID Number 747180 747181 747182 747183
Sample Location Not Given Not Given Not Given Not Given

Sample Description Not Given Not Given Not Given Not Given

Method of Quantification Visual Estimation Visual Estimation Visual Estimation Visual Estimation

Appearance Layered No Yes No Yes
Homogenous Yes No Yes No
Fibrous No No No Yes
Color Light Yellow Tan/Black Black Gray/White

Sample Treatment None Homogenized None Homogenized

Asbestos % Amosite 0.0 0.0 0.0 0.0
Content % Chrysotile 0.0 0.0 0.0 0.0
% Other 0.0 0.0 0.0 0.0
% Total Asbestos 0.0 0.0 0.0 0.0
Other Fibrous % Fibrous Glass 0.0 0.0 0.0 35.0
Materials % Cellulose 10.0 2.0 3.0 10.0
Present % Other 0.0 0.0 0.0 0.0
% Unidentified 0.0 0.0 0.0 0.0
Non-Fibrous % Silicates 10.0 98.0 97.0 35.0
Materials % Carbonates 80.0 0.0 0.0 0.0
Present % Other 0.0 0.0 0.0 20.0 Perlite
% Unidentified 0.0 0.0 0.0 0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

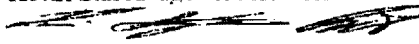
AHA Accreditation No. 418 Rhode Island DOH No. AAL-0723 Massachusetts DCL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-526	100397-527	100397-528	100397-529
Layer Number				
Lab ID Number	747184	747185	747186	747187
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	No	Yes
	Color	Gray/White	Gray/Black	Black
Sample Treatment	Homogenized	Homogenized	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	30.0	0.0	0.0
	% Cellulose	20.0	3.0	10.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	25.0	97.0	20.0
	% Carbonates	0.0	0.0	70.0
	% Other	25.0	Perlite	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOR Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 060072 Connecticut DOH No. PH-0623 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97
Collected By : Antony Tseng
Date Received : 10/09/97
Date Analyzed : 10/12-16/97
Analyzed By : Kevin Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Sample ID Number 100397-530 100397-531 100397-532 100397-533

Layer Number

Lab ID Number 747188 747189 747190 747191
Sample Location Not Given Not Given Not Given Not Given

Sample Description Not Given Not Given Not Given Not Given

Method of Quantification Visual Estimation Visual Estimation Visual Estimation Visual Estimation
Appearance Layered No No Yes
Homogenous No Yes No
Fibrous No No Yes
Color Brown/Gray White Gray/White Tan/Gray

Sample Treatment Homogenized None Homogenized Homogenized
Asbestos % Amosite 0.0 0.0 0.0 0.0
Content % Chrysotile 0.0 0.0 0.0 0.0
% Other 0.0 0.0 0.0 0.0
% Total Asbestos 0.0 0.0 0.0 0.0
Other Fibrous % Fibrous Glass 0.0 0.0 10.0 0.0
Materials % Cellulose 2.0 5.0 35.0 35.0
Present % Other 0.0 0.0 0.0 0.0
% Unidentified 0.0 0.0 0.0 0.0
Non-Fibrous % Silicates 98.0 15.0 20.0 65.0
Materials % Carbonates 0.0 80.0 35.0 0.0
Present % Other 0.0 0.0 0.0 0.0
% Unidentified 0.0 0.0 0.0 0.0

Results Applicable To Those Items Tested


Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NDB Items Tested Are Non-Asbestos Containing

RIHA Accreditation No. 415 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAAS-1695

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-534	100397-535	100397-536	100397-537
Layer Number				
Lab ID Number	747192	747193	747194	747195
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	No
	Fibrous	Yes	Yes	No
	Color	Dark Gray	Dark Gray/White	Gray/White
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	2.2	< 1.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	2.2	< 1.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	0.0	0.0	2.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	6.7	11.3	0.0
Non-Fibrous	% Silicates	0.0	0.0	98.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	91.1	88.7	0.0

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOR Items Tested Are Non-Asbestos Containing


AiHA Accreditation No. 415 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000672 Connecticut DOH No. PH-062 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-538	100397-539	100397-540	100397-541
Layer Number				
Lab ID Number	747196	747197	747198	747199
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	No	Yes	No
	Color	Black/White	Gray/White	Black
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	15.0	0.0
Materials	% Cellulose	5.0	40.0	5.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	95.0	25.0	0.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	20.0 Binders	60.0 Binders
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing


AIRHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2099



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-542	100397-543	100397-544	100397-545
Layer Number				
Lab ID Number	747200	747201	747202	747203
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	Yes	Yes	Yes	Yes
Homogenous	No	No	No	No
Fibrous	Yes	Yes	Yes	Yes
Color	Beige/Gray	Gray/White	Tan/Gray/Black	Tan/Black
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos				
Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	31.4	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	31.4	0.0	0.0	0.0
Other Fibrous				
Materials				
Present				
% Fibrous Glass	0.0	10.0	0.0	0.0
% Cellulose	0.0	35.0	1.0	3.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous				
Materials				
Present				
% Silicates	0.0	30.0	99.0	82.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	25.0	0.0	15.0
% Unidentified	68.6	0.0	0.0	0.0
		Perlite		Binders

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 416 Rhode Island DOH No. SAL-07273 Massachusetts DOL No. A-060072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

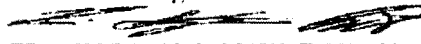




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-546	100397-547	100397-548	100397-549
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Layer Number

Lab ID Number	747204	747205	747206	747207
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance Layered	No	Yes	Yes	No
Homogenous	Yes	No	No	Yes
Fibrous	Yes	No	Yes	Yes
Color	Tan	Tan/Black/Brown	Tan/Black	Tan

Sample Treatment	None	Homogenized	Homogenized	None
Asbestos				
Content % Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	< 1.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	< 1.0	0.0	0.0
Other Fibrous				
Materials % Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	25.0	0.0	45.0	10.0
Present % Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	1.2	0.0	0.0
Non-Fibrous				
Materials % Silicates	15.0	0.0	35.0	90.0
% Carbonates	60.0	0.0	0.0	0.0
Present % Other	0.0	0.0	20.0 Binders	0.0
% Unidentified	0.0	98.8	0.0	0.0

Results Applicable To Those Items Tested

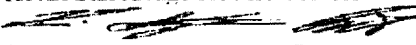
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIRH Accreditation No. 418 Rhode Island DOH No. AAL-87275 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2695

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-550	100397-551	100397-552	100397-553	
Layer Number					
Lab ID Number	747208	747209	747210	747211	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No No Gray/Black/Tan	Yes No Yes Tan/Black	Yes No Yes Gray/White	No Yes No Gray
Sample Treatment	Homogenized	Homogenized	Homogenized	None	
Asbestos Content	% Amosite % Chrysotile <del>% Other</del> % Total Asbestos	0.0 0.0 n.a. 0.0	0.0 0.0 n.a. 0.0	0.0 0.0 n.a. 0.0	0.0 0.0 n.a. 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 1.0 0.0 0.0	0.0 35.0 0.0 0.0	0.0 1.0 0.0 0.0	0.0 0.0 5.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	99.0 0.0 0.0 0.0	50.0 0.0 15.0 0.0	99.0 0.0 0.0 0.0	95.0 0.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 00007L Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2054



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

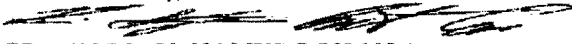
Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-554	100397-555	100397-556	100397-557
Layer Number					
Lab ID Number		747212	747213	747214	747215
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	Yes	No
	Homogenous	Yes	No	No	Yes
	Fibrous	No	No	Yes	No
	Color	Tan	Beige/Gray	Tan/Black	Gray
Sample Treatment		None	Homogenized	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	10.0	0.0	0.0
	% Cellulose	5.0	20.0	5.0	10.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	95.0	70.0	95.0	90.0
	% Carbonates	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 416 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 600072 Connecticut DOH No. PH-0632 Maine DEP No. LA-024 Vermont DOH No. AAS-2092

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature:			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-558	100397-559	100397-560	100397-561
Layer Number					
Lab ID Number		747216	747217	747218	747219
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered	No	No	No	Yes
	Homogenous	Yes	Yes	No	No
	Fibrous	No	No	Yes	Yes
	Color	Tan	Gray/Black	Gray/Black	Gray/White
Sample Treatment		None	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	1.8	1.3	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	1.8	1.3	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	30.0
Materials	% Cellulose	5.0	0.0	0.0	45.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	95.0	0.0	0.0	10.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	15.0
	% Unidentified	0.0	98.2	98.7	0.0

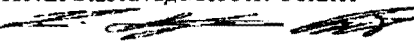
Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 ALHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOH No. A. 60007E Connecticut DOH No. PH-0622 Maine DEF No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-562	100397-563	100397-564	100397-565
Layer Number				
Lab ID Number	747220	747221	747222	747223
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	No
	Homogenous	No	No	No
	Fibrous	No	Yes	Yes
	Color	Gray/Black	Gray/Black	Tan
Sample Treatment	Homogenized	Homogenized	None	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	2.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	2.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	3.0	0.0	3.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	16.3	0.0
Non-Fibrous	% Silicates	97.0	0.0	98.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	81.7	0.0

Results Applicable To Those Items Tested

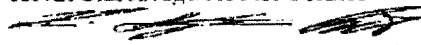
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0612 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-566	100397-567	100397-568	100397-569
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Layer Number

Lab ID Number	747224	747225	747226	747227
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance Layered	Yes	No	No	No
Homogenous	No	Yes	No	Yes
Fibrous	No	No	Yes	Yes
Color	Tan/White/Brown	Gray	Black/White	Gray

Sample Treatment	Homogenized	None	Homogenized	None
Asbestos % Amosite	0.0	0.0	0.0	0.0
Content % Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous % Fibrous Glass	0.0	0.0	0.0	45.0
Materials % Cellulose	2.0	5.0	15.0	3.0
Present % Other	3.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous % Silicates	95.0	95.0	85.0	10.0
Materials % Carbonates	0.0	0.0	0.0	0.0
Present % Other	0.0	0.0	0.0	42.0
% Unidentified	0.0	0.0	0.0	0.0

NF Glass

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 415 Rhode Island DOH No. AAL-071T3 Massachusetts DOH No. A.A. 00072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature:			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-570	100397-571	100397-572	100397-573
Layer Number					
Lab ID Number		747228	747229	747230	747231
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Stratified PC	Stratified PC	Stratified PC
Appearance	Layered	No	No	Yes	Yes
	Homogenous	Yes	Yes	No	No
	Fibrous	Yes	Yes	No	Yes
	Color	Gray	Black	Tan/Gray/Black	Gray/Black/Tan
Sample Treatment		None	None	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	2.5	2.8	< 1.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	2.5	2.8	< 1.0
Other Fibrous	% Fibrous Glass	45.0	0.0	0.0	0.0
Materials	% Cellulose	0.0	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	1.3	1.3	1.8
Non-Fibrous	% Silicates	15.0	0.0	0.0	0.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	40.0	0.0	0.0	0.0
	% Unidentified	0.0	96.2	95.9	98.2

Results Applicable To These Items Tested  
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NCE Items Tested Are Non-Asbestos Containing

RIHA Accreditation No. 415 Rhode Island DOH No. AAL-07-T3 Massachusetts DOL No. A.A.00072 Connecticut DOH No. PR-0023 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	349	350	351	352	
Layer Number					
Lab ID Number	725383	725384	725385	725386	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Stratified PC	
Appearance	Layered Homogenous Fibrous Color	Yes No Yes Tan/White	Yes No No Black	No Yes No Black	Yes No No Green/Black
Sample Treatment	Homogenized	Homogenized	None	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 3.8 0.0 3.8	0.0 8.2 0.0 8.2	0.0 0.0 0.0 0.0	0.0 2.2 0.0 2.2
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 63.1	0.0 0.0 0.0 5.8	0.0 2.0 0.0 0.0	0.0 0.0 0.0 1.2
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 33.1	0.0 0.0 0.0 86.0	30.0 0.0 0.0 68.0	0.0 0.0 0.0 96.6

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 413 Rhode Island DOH No. AAL-0272 Massachusetts DOI No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095





# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	353	354	355	356	
Layer Number					
Lab ID Number	725387	725388	725389	725390	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	No Yes No Black	Yes No No Black/Gray	No Yes No Brown	Yes No Yes Black/Rust
Sample Treatment	None	Homogenized	None	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 < 1.0 0.0 < 1.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 1.8	0.0 2.0 0.0 0.0	0.0 2.0 0.0 0.0	0.0 40.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 98.2	40.0 58.0 0.0 0.0	40.0 30.0 28.0 Binders 0.0	20.0 0.0 0.0 40.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/13-17/97

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Analyzed By : Paul Stascavage/Robert Connor

Signature :

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1

NVLAP Lab No. 101646-0

NYS Lab No. 10851

Sample ID Number	357	358	359	360
Layer Number				
Lab ID Number	725391	725392	725393	725394
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Visual Estimation
Appearance				
Layered	No	Yes	Yes	Yes
Homogenous	Yes	No	No	No
Fibrous	Yes	Yes	Yes	No
Color	Gray	Tan/White	Gray/White	White/Gray
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos Content				
% Amosite	11.6	8.8	0.0	0.0
% Chrysotile	2.3	0.0	0.0	0.0
% Other	0.0	5.4 Crocidolite	0.0	0.0
% Total Asbestos	13.9	14.2	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	25.0	0.0
% Cellulose	0.0	0.0	40.0	2.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	19.1	2.9	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	35.0	60.0
% Carbonates	0.0	0.0	0.0	38.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	67.0	82.9	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

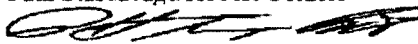
AHA Accreditation No. 418 Rhode Island DOH No. 8-AI-0773 Massachusetts DOI No. 8-A-090072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	361	362	363	364
Layer Number				
Lab ID Number	725395	725396	725397	725398
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	No	No	No
	Color	Green/Black	Black	Green/Black
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	< 1.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	< 1.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	3.0	5.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	4.3
Non-Fibrous	% Silicates	60.0	45.0	0.0
Materials	% Carbonates	17.0	0.0	0.0
Present	% Other	20.0	50.0	0.0
	% Unidentified	0.0	0.0	95.7

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

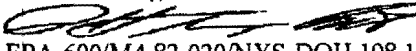
AHSA Accreditation No. 415 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A 6 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont EOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	365	366	367	368
Layer Number				
Lab ID Number	725399	725400	725401	725402
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered Homogenous Fibrous Color	Yes No No Tan/White	Yes No No Black/White/Red	No Yes Yes Black
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 4.7 0.0 4.7	0.0 0.0 0.0 0.0	0.0 3.7 0.0 3.7
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 1.3	0.0 2.0 0.0 0.0	0.0 0.0 0.0 1.4
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 94.0	90.0 8.0 0.0 0.0	0.0 0.0 0.0 94.9

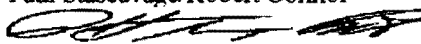
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 416 Rhode Island DOH No. 8-81-0223 Massachusetts E-OL No. A.A.000073 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	369	370	371	372
Layer Number				
Lab ID Number	725403	725404	725405	725406
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	No	No	Yes
	Color	Gray/Rust/Blue	Gray/Green	Gray/White
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	50.3
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	50.3
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	2.0	2.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	21.5
Non-Fibrous	% Silicates	90.0	90.0	80.0
Materials	% Carbonates	8.0	8.0	8.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	10.0
				28.2

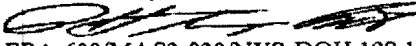
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHS Accreditation No. 415 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	373	374	375	376
Layer Number				
Lab ID Number	725407	725408	725409	725410
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	Yes No Yes Gray/Tan	Yes No Yes Gray/White	Yes No No Tan/Black
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0 % Chrysotile 54.7 % Other 0.0 % Total Asbestos 54.7	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 2.0 0.0 2.0
Other Fibrous Materials Present	% Fibrous Glass 0.0 % Cellulose 0.0 % Other 0.0 % Unidentified 12.2	40.0 10.0 0.0 0.0	10.0 5.0 0.0 0.0	0.0 0.0 0.0 4.1
Non-Fibrous Materials Present	% Silicates 0.0 % Carbonates 0.0 % Other 0.0 % Unidentified 33.1	50.0 0.0 0.0 0.0	85.0 0.0 0.0 0.0	0.0 0.0 0.0 93.9

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAI-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	377	378	379	380	
Layer Number					
Lab ID Number	725411	725412	725413	725414	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Stratified PC	
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Brown	Yes No No Black/Gray/Tan	No Yes No Black	Yes No Yes Black/Brown
Sample Treatment	None	Homogenized	None	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 < 1.0 0.0 < 1.0	0.0 0.0 0.0 0.0	0.0 18.9 0.0 18.9
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 3.0 0.0 0.0	0.0 0.0 0.0 1.8	0.0 2.0 0.0 0.0	0.0 0.0 0.0 11.4
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	97.0 0.0 0.0 0.0	0.0 0.0 0.0 98.2	48.0 0.0 50.0 Binders 0.0	0.0 0.0 0.0 69.7

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-672T Massachusetts DDL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected By :	Not Given		104 Corporate Park Drive
Date Received :	06/03/97		Box 751
Date Analyzed :	06/13-17/97		White Plains, NY 10602
Analyzed By :	Paul Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	381	382	383	384	
Layer Number					
Lab ID Number	725415	725416	725417	725418	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Stratified PC	
Appearance	Layered	Yes	Yes	No	
	Homogenous	No	No	Yes	
	Fibrous	No	Yes	Yes	
	Color	Black/Brown	Black/Gray	Gray	
Sample Treatment	Homogenized	Homogenized	Homogenized	None	
Asbestos	% Amosite	0.0	0.0	0.0	16.5
Content	% Chrysotile	2.3	14.6	0.0	3.8
	% Other	0.0	0.0	0.0	6.6
	% Total Asbestos	2.3	14.6	0.0	26.9
Other Fibrous	% Fibrous Glass	0.0	0.0	40.0	0.0
Materials	% Cellulose	0.0	0.0	20.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	1.3	2.1	0.0	2.4
Non-Fibrous	% Silicates	0.0	0.0	40.0	0.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	96.4	83.3	0.0	70.7

Results Applicable To Those Items Tested  
 Laboratory Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIA Accreditation No. 418 Rhode Island DOH No. AAL-072T1 Massachusetts DOL No. AA 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

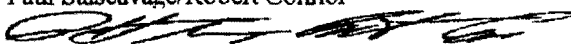




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	385	386	387	388
Layer Number				
Lab ID Number	725419	725420	725421	725422
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	No	Yes	No
	Color	Green/Black	Black	Tan/Black/Gray
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	2.0	3.0	3.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	30.0	72.0	60.0
Materials	% Carbonates	68.0	0.0	22.0
Present	% Other	0.0	25.0 Binders	15.0 Binders
	% Unidentified	0.0	0.0	0.0
				50.0 Binders
				0.0

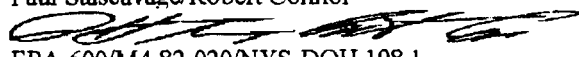
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NHA Accreditation No. 416 Rhode Island DOH No. 61-072E1 Massachusetts DOI No. A-000672 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	389	390	391	392	
Layer Number					
Lab ID Number	725423	725424	725425	725426	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered	Yes	Yes	No	Yes
	Homogenous	No	No	Yes	No
	Fibrous	Yes	No	No	Yes
	Color	Brown/Gray/White	Rust/Gray/Tan	Rust	Gray/White
Sample Treatment	Homogenized	Homogenized	None	Homogenized	
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	50.0	0.0	0.0	40.0
Materials	% Cellulose	10.0	2.0	10.0	20.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	40.0	30.0	90.0	40.0
Materials	% Carbonates	0.0	68.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-87273 Massachusetts DCL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature:

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	393	394	395	400
Layer Number				
Lab ID Number	725427	725428	725429	725430
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given

Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance Layered	Yes	No	Yes	Yes
Homogenous	No	Yes	No	No
Fibrous	No	Yes	Yes	No
Color	Blue/Black	Black/Blue	Gray/White/Tan	Black

Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos				
Content % Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	2.3	25.8	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	2.3	25.8	0.0
Other Fibrous				
Materials % Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	0.0	0.0	2.0
Present % Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	3.9	25.3	0.0
Non-Fibrous				
Materials % Silicates	70.0	0.0	0.0	60.0
% Carbonates	20.0	0.0	0.0	8.0
Present % Other	10.0	0.0	0.0	30.0
% Unidentified	0.0	93.8	48.9	0.0

Results Applicable To Those Items Tested

Labdry Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHA Accreditation No. 418 Rhode Island DOH No. A-61-077T3 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2055



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/13-17/97  
Analyzed By : Paul Stascavage/Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. : 101646-0  
NYS Lab No. : 10851

Sample ID Number	401	402	403	404
Layer Number				
Lab ID Number	725431	725432	725433	725434
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	Yes No No Gray/Black	Yes No Yes Black/Gray	No Yes No Black
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 1.6 0.0 1.6	0.0 0.0 0.0 0.0	0.0 < 1.0 0.0 < 1.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 1.6	0.0 3.0 0.0 0.0	0.0 2.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 96.8	60.0 7.0 30.0 Binders 0.0	0.0 0.0 0.0 Binders 0.0

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
AIHA Accreditation No. 418 Rhode Island DOH No. 8-AI-07273 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	405	406	407	408
Layer Number				
Lab ID Number	725435	725436	725437	725438
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	No	Yes	No
	Color	Red/Black	Black	Red
			Red	Tan/Black/Gray
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	< 1.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	< 1.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	3.0	5.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	1.5
Non-Fibrous	% Silicates	20.0	35.0	0.0
Materials	% Carbonates	57.0	0.0	0.0
Present	% Other	20.0 Binders	60.0 Binders	0.0
	% Unidentified	0.0	0.0	98.5
				20.0 Binders
				0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ILHA Accreditation No. 418 Rhode Island DOH No. 6AL-07273 Massachusetts DOL No. 6-A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected By :	Not Given		104 Corporate Park Drive
Date Received :	06/03/97		Box 751
Date Analyzed :	06/13-17/97		White Plains, NY 10602
Analyzed By :	Paul Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No. :	101646-0		
NYS Lab No. :	10851		

Sample ID Number	409	410	411	412
Layer Number				
Lab ID Number	725439	725440	725441	725442
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	No	Yes	Yes
	Color	Black/White	Black/Tan	Black/Green
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	2.6	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	2.6	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	2.0	0.0	2.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	70.3	0.0
Non-Fibrous	% Silicates	40.0	0.0	20.0
Materials	% Carbonates	48.0	0.0	60.0
Present	% Other	10.0 Binders	0.0	20.0 Binders
	% Unidentified	0.0	27.1	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHA Accreditation No. 416 Rhode Island DOH No. AAL-07273 Massachusetts DOI No. A-000672 Connecticut DOH No. PH-0625 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	413	414	415	416
Layer Number				
Lab ID Number	725443	725444	725445	725446
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	(Tile Layer)	(Mastic Layer)
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	Yes	No
	Color	White/Gray/Pink	White/Gray	Gray/White
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	45.0	40.0	0.0
	% Cellulose	15.0	20.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	40.0	40.0	40.0
	% Carbonates	0.0	0.0	60.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DGL No. A.A.000072 Connecticut DOH No. PH-6622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected By :	Not Given		104 Corporate Park Drive
Date Received :	06/03/97		Box 751
Date Analyzed :	06/13-17/97		White Plains, NY 10602
Analyzed By :	Paul Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	417	418	419	420
Layer Number				
Lab ID Number	725447	725448	725449	725450
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	No	No	No
	Color	Black/White/Gray	White/Black	Blue/Gray
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	2.1	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	2.1	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	0.0	2.0	3.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	1.2	0.0	0.0
Non-Fibrous	% Silicates	0.0	38.0	30.0
Materials	% Carbonates	0.0	0.0	57.0
Present	% Other	0.0	60.0 Binders	10.0 Binders
	% Unidentified	96.7	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. 661-07273 Massachusetts DCL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095





# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	421	422	423	424
Layer Number				
Lab ID Number	725451	725452	725453	725454
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance Layered	No	Yes	Yes	Yes
Homogenous	Yes	No	No	No
Fibrous	Yes	Yes	No	Yes
Color	Gray	Gray/White/Pink	Gray/White	White

Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos				
Content % Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous				
Materials % Fibrous Glass	30.0	40.0	0.0	0.0
% Cellulose	50.0	20.0	0.0	0.0
Present % Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous				
Materials % Silicates	20.0	40.0	90.0	20.0
% Carbonates	0.0	0.0	10.0	80.0
Present % Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ILHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DGL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected By :	Not Given		104 Corporate Park Drive
Date Received :	06/03/97		Box 751
Date Analyzed :	06/13-17/97		White Plains, NY 10602
Analyzed By :	Paul Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		425	426	427	428
Layer Number					
Lab ID Number		725455	725456	725457	725458
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered	Yes	Yes	Yes	Yes
	Homogenous	No	No	No	No
	Fibrous	No	No	Yes	No
	Color	Green/Brown/Gray	Black/Green/Gray	Black/Gray/White	Black/Gray/White
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	5.2	1.8
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	5.2	1.8
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	0.0	5.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	1.7	1.5
Non-Fibrous	% Silicates	40.0	50.0	0.0	0.0
Materials	% Carbonates	60.0	25.0	0.0	0.0
Present	% Other	0.0	20.0 Binders	0.0	0.0
	% Unidentified	0.0	0.0	93.1	96.7

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHIA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	429	430	431	432
Layer Number				
Lab ID Number	725459	725460	725461	725462
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes No Black	Yes No Yes Gray/Tan	Yes No Yes Tan/Gray
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 2.3 0.0 2.3	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 2.0	60.0 10.0 0.0 0.0	50.0 10.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 95.7	30.0 0.0 0.0 0.0	40.0 0.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 418 Rhode Island DOH No. AAL-872T3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given
Collected By : Not Given
Date Received : 06/03/97
Date Analyzed : 06/13-17/97
Analyzed By : Paul Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Table with 5 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description, Method of Quantification, Appearance, Sample Treatment, Asbestos Content, Other Fibrous Materials Present, Non-Fibrous Materials Present. Rows include data for samples 433, 434, 435, and 436.

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

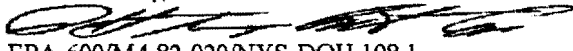
AHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/13-17/97  
Analyzed By : Paul Stascavage/Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Sample ID Number	437	438	439	440
Layer Number				
Lab ID Number	725467	725468	725469	725470
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes No Green	Yes No Yes Gray/White	Yes No No Black
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 2.1 0.0 2.1
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 5.0 0.0 0.0	30.0 30.0 0.0 0.0	0.0 0.0 0.0 4.5
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	85.0 10.0 0.0 0.0	40.0 0.0 0.0 0.0	0.0 0.0 0.0 93.4

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
A/E/A Accreditation No. 418 Rhode Island DQ# No. A-6-L-0737 Massachusetts DCL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected :	Not Given	Client:	Malcolm Pirnie, Inc.
Collected By :	Not Given		104 Corporate Park Drive
Date Received :	06/03/97		Box 751
Date Analyzed :	06/13-17/97		White Plains, NY 10602
Analyzed By :	Paul Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	441	442	443	444
Layer Number				
Lab ID Number	725471	725472	725473	725474
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	No	Yes	Yes
	Homogenous	Yes	No	No
	Fibrous	No	No	Yes
	Color	Black	White/Tan	Black/White
				Gray/Red
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	1.6	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	1.6	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	3.0
Materials	% Cellulose	0.0	2.0	10.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	2.9	0.0	0.0
Non-Fibrous	% Silicates	0.0	80.0	47.0
Materials	% Carbonates	0.0	18.0	0.0
Present	% Other	0.0	0.0	40.0 Binders
	% Unidentified	95.5	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ILHA Accreditation No. 412 Rhode Island DOH No. AA-07273 Massachusetts DOL No. A-A-00007 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	445	446	447	448
Layer Number				
Lab ID Number	725475	725476	725477	725478
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	No	No	No
	Color	Gray/Rust	Black/Tan/Gray	Black/White/Gray
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	47.7	5.1	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	47.7	5.1	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	0.0	0.0	3.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	2.0	7.6	0.0
Non-Fibrous	% Silicates	0.0	0.0	20.0
Materials	% Carbonates	0.0	0.0	57.0
Present	% Other	0.0	0.0	20.0
	% Unidentified	50.3	87.3	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOH No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	449	450	451	452
Layer Number				
Lab ID Number	725479	725480	725481	725482
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes No Black	Yes No Yes Blue/Black	No Yes No Black
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	40.0 0.0 0.0 0.0	10.0 3.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	20.0 10.0 70.0 Binders 0.0	20.0 0.0 40.0 Non-Fibrous Glass 0.0	60.0 17.0 10.0 Binders 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095





Eastern Analytical Services, Inc.

Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given
Collected By : Not Given
Date Received : 06/03/97
Date Analyzed : 06/13-17/97
Analyzed By : Paul Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Table with 5 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description. Rows include data for samples 453, 454, 455, and 456.

Table with 5 columns: Method of Quantification, Visual Estimation, Visual Estimation, Visual Estimation, Visual Estimation. Rows include Appearance (Layered, Homogenous, Fibrous, Color) and Sample Treatment (Asbestos Content, Other Fibrous Materials, Non-Fibrous Materials).

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ILHA Accreditation No. 418 Rhode Island E.O.H. No. A-61-0773 Massachusetts P.O.L. No. A-A-000072 Connecticut D.O.H. No. PH-0622 Maine DEP No. LA-024 Vermont D.O.H. No. AAS-2055




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/13-17/97  
Analyzed By : Paul Stascavage/Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number		457	458	459	460
Layer Number					
Lab ID Number		725487	725488	725489	725490
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes	Yes
	Homogenous	No	No	No	No
	Fibrous	No	No	Yes	Yes
	Color	Brown/Black/Gray	Rust/Black	Gray/Tan	Tan/White
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	35.0	15.0
Materials	% Cellulose	2.0	25.0	25.0	15.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	40.0	50.0	40.0	50.0
Materials	% Carbonates	58.0	10.0	0.0	20.0
Present	% Other	0.0	15.0 Binders	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

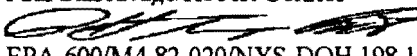
AHA Accreditation No. 418 Rhode Island DOH No. AAL-0773 Massachusetts DOI No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	461	462	463	464
Layer Number				
Lab ID Number	725491	725492	725493	725494
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	Yes
	Color	White/Gray	Green/Gray	White/Gray
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	9.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	9.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	40.0	0.0	40.0
	% Cellulose	20.0	0.0	20.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	35.2	0.0
Non-Fibrous Materials Present	% Silicates	40.0	0.0	40.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	55.8	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NJHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2096



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
Collected By : Not Given  
Date Received : 06/03/97  
Date Analyzed : 06/13-17/97

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Analyzed By : Paul Stascavage/Robert Connor

Signature :

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1

NVLAP Lab No. 101646-0

NYS Lab No. 10851

Sample ID Number                      465                                      466                                      467                                      468

Layer Number

Lab ID Number                              725495                                      725496                                      725497                                      725498

Sample Location                              Not Given                                      Not Given                                      Not Given                                      Not Given

Sample Description                              Not Given                                      Not Given                                      Not Given                                      Not Given

Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes	Yes
	Homogenous	No	Yes	No	No
	Fibrous	No	No	No	No
	Color	Green/Gray/Rust	Black	Blue/Gray	Blue/Gray/Rust

Sample Treatment		Homogenized	None	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0	0.0
	% Cellulose	2.0	2.0	0.0	3.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	50.0	40.0	40.0	60.0
	% Carbonates	48.0	18.0	60.0	7.0
	% Other	0.0	40.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	30.0

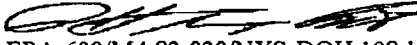
Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
AIHA Accreditation No. 418 Rhode Island DOH No. 6AL-072T3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/13-17/97  
 Analyzed By : Paul Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 473

**Layer Number**

Lab ID Number 725499

Sample Location Not Given

Sample Description Not Given

**Method of Quantification Visual Estimation**

Appearance	Layered	No
	Homogenous	Yes
	Fibrous	Yes
	Color	White

**Sample Treatment None**

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	90.0
Materials	% Cellulose	0.0
Present	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	10.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHJ Accreditation No. 418 Rhode Island DOH No. AAL-07073 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
 CONTACT: Cliff Frey, Malcolm Pimie, Inc. (914) 641-2720  
 ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
 LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
060297- 324	
060297- 325	
060297- 326	
060297- 327	
060297- 328	
060297- 329	
060297- 330	
060297- 331	
060297- 332	
060297- 333	
060297- 334	
060297- 335	
060297- 336	
060297- 337	
060297- 338	
060297- 339	
060297- 340	
060297- 341	
060297- 342	
060297- 343	
060297- 344	
060297- 346	
060297- 347	
060297- 348	
060297- 349	
060297- 350	
060297- 351	
060297- 352	
060297- 353	
060297- 354	
060297- 355	
060297- 356	
060297- 357	
060297- 358	
060297- 359	
060297- 360	
060297- 361	
060297- 362	
060297- 363	
060297- 364	
060297- 365	
060297- 366	
060297- 367	
060297- 368	
060297- 369	
060297- 370	
060297- 371	
060297- 372	
060297- 373	
060297- 374	
060297- 375	
060297- 376	
060297- 377	



\* AS indicated on Sample List Page 1 of 19

## CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
<del>060297- 378</del>	
<del>060297- 379</del>	
<del>060297- 380</del>	
<del>060297- 381</del>	
<del>060297- 382</del>	
<del>060297- 383</del>	
<del>060297- 384</del>	
<del>060297- 385</del>	
<del>060297- 386</del>	
<del>060297- 387</del>	
<del>060297- 388</del>	
<del>060297- 389</del>	
<del>060297- 390</del>	
<del>060297- 391</del>	
<del>060297- 392</del>	
<del>060297- 393</del>	
<del>060297- 394</del>	
<del>060297- 395</del>	
<del>060297- 400</del>	
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<del>060297- 407</del>	
<del>060297- 408</del>	
<del>060297- 409</del>	
<del>060297- 410</del>	
<del>060297- 411</del>	
<del>060297- 412</del>	
<del>060297- 413</del>	
<del>060297- 414</del>	
<del>060297- 415 (floor tile)</del>	Could not separate mastic from floor tile sample. Please attempt and
<del>060297- 416 (mastic)</del>	report results for floor tile and mastic separately. If not possible,
<del>060297- 417</del>	report composite result.
<del>060297- 418</del>	
<del>060297- 419</del>	
<del>060297- 420</del>	
<del>060297- 421</del>	
<del>060297- 422</del>	
<del>060297- 423</del>	
<del>060297- 424</del>	
<del>060297- 425</del>	
<del>060297- 426</del>	
<del>060297- 427</del>	
<del>060297- 428</del>	
<del>060297- 429</del>	
<del>060297- 430</del>	
<del>060297- 431</del>	
<del>060297- 432</del>	
<del>060297- 433</del>	

### CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT  
**CONTACT:** Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
060297- 434	
060297- 435	
060297- 436	
060297- 437	
060297- 438	
060297- 439	
060297- 440	
060297- 441	
060297- 442	
060297- 443	
060297- 444	
060297- 445	
060297- 446	
060297- 447	
060297- 448	
060297- 449	
060297- 450	
060297- 451	
060297- 452	
060297- 453	
060297- 454	
060297- 455	
060297- 456	
060297- 457	
060297- 458	
060297- 459	
060297- 460	
060297- 461	
060297- 462	
060297- 463	
060297- 464	
060297- 465	
060297- 466	
060297- 467	
060297- 468	
060297- 473	

The above 142 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Kevin Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Angell / Paul Date: 6/3/97 Time: \_\_\_\_\_

JUN 3 '97 15:18

\* AS shown on Sample Bags



# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

AS Client: Nikola Pirnie Lab #s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Analyste: % Asb-

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Ident Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Accepted By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted By: Terril Wilson Signature: Not Available Date: 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: PC092-0144-000 Batch Number: 9703566

Received By: Joseph Sandicco Signature: Joseph Sandicco Date: JUN 3 '97 15:18 Time: 15:21

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: **Malcolm Pirnie, Inc.**  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703566  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples Received: 141

No. of Samples Analyzed: 141

Client Project Number/Name: RE: Stratford Army Engine Plant, Stratford, CT

Lab ID Numbers 725359-725368;725369-725376;725377-725379;725380-725385;725386-725394;725395-725403;725404-725412;725413-725421;725422-725429;725430-725439;725440-725448;725449-

Collected By: Not Given

\_\_\_\_\_  
Signature

Date: Not Given

Received By: Joseph P. Sanchirico



Date: 06/03/97 Time: 1518

Logged In By: Marita Prado




Date: 06/05/97

Prepped By: Marita Prado



Date: 06/12-13/97

Analyzed By : Paul Stascavage  
Robert Connor




Date: 06/13-17/97 Time: 2115

Re-Analyzed By:

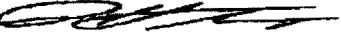
Date:

Checked By: Paul Stascavage



Date: 06/18/97

Faxed By: Paul Stascavage



Date: 06/18/97 Time: 0041

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

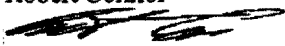
Faxed June 17, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/17/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 345

Layer Number

Lab ID Number 725595

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	Yes
	Homogenous	No
	Fibrous	No
	Color	Black/Rust

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
Present	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	30.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	70.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHFA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Eimsford, NY 15023

Sample No.	Comments
060297- 345	

The above 1 sample was sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Tom Wilson Date: 6/3/97 Time: \_\_\_\_\_

JUN 3 '97 15:18

Received by: Joseph P. Paul Date: 6/3/97 Time: \_\_\_\_\_

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Nikola P. ... Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

Sample Type: % Asb-

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Project Name/Number: Stratford Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Prepared By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Shipped By: Terril Wilson Signature: Not Available Date: 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: P0092-0144-000 Batch Number: 9703567

Received By: Joseph Sandhico Signature: Joseph Sandhico Date: JUN 3 '97 15:21 Time: 15:18 (B)

Received-In By: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Shipped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Received By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Shipped By: \_\_\_\_\_

Received-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703567

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 1  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 1  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

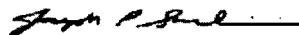
Lab ID Numbers 725595

Collected By: Not Given

Date: Not Given

\_\_\_\_\_  
Signature

Received By: Joseph P. Sanchirico



Date: 06/03/97

Time: 1518

Logged In By: Marita Prado



Date: 06/05/97

Prepped By: Marita Prado



Date: 06/16/97

Analyzed By: Robert Connor



Date: 06/17/97

Time: 2118

Re-Analyzed By:

Date:

Checked By: Robert Connor



Date: 06/17/97

Faxed By: Robert Connor



Date: 06/17/97

Time: 2351

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed June 17, 1997  
914-641-2455

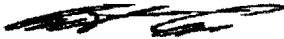




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: Stratford Army Engine Plant, Stratford, CT

Date Collected : Not Given  
 Collected By : Not Given  
 Date Received : 06/03/97  
 Date Analyzed : 06/17/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	469	470
Layer Number		
Lab ID Number	725596	725597
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation
Appearance Layered	Yes	No
Homogenous	No	Yes
Fibrous	No	No
Color	Tan/Gray	Black

Sample Treatment	Homogenized	None
Asbestos % Amosite	0.0	0.0
Content % Chrysotile	0.0	0.0
% Other	0.0	0.0
% Total Asbestos	0.0	0.0
Other Fibrous % Fibrous Glass	0.0	0.0
Materials % Cellulose	2.0	5.0
Present % Other	0.0	0.0
% Unidentified	0.0	0.0
Non-Fibrous % Silicates	70.0	45.0
Materials % Carbonates	28.0	0.0
Present % Other	0.0	50.0 Binders
% Unidentified	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHHA Accreditation No. 413 Rhode Island DOH No. AAL-0773 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT  
CONTACT: Cliff Frey, Malcolm Pirnie, Inc. (914) 641-2720  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
725596 060297- 469	
725597 060297- 470	

The above 2 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on June 3, 1997.

Relinquished by: Tara J. Wilson Date: 6/3/97 Time: \_\_\_\_\_

Received by: Joseph P. Paul Date: 6/3/97 Time: \_\_\_\_\_

JUN 3 '97 15:15

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Arkola P. Inc.

Lab #s \_\_\_\_\_

Analyte: 1/2 Asb-

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

No. of Samples: \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford

Sample Disposition:  (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: \_\_\_\_\_  
Name (Print or Type)

Signature \_\_\_\_\_ Date \_\_\_\_\_

Submitted By: Terril Wilson  
Name (Print or Type)

Signature: Post Available Date: 6/15/97

Comments: Delivered by Kate Bennett  
Kate Bennett

### FOR LABORATORY USE ONLY

Account Number: 920144 Project Number: PC092-0144-000 Batch Number: 9703568

Received By: Joseph Sanchez Joseph Sanchez JUN 3 '97 15:18 (25) \_\_\_\_\_  
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Reprepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Re-analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Re-analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9703568  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 2  
Received:

No. of Samples 2  
Analyzed:

Client Project RE: Stratford Army Engine Plant, Stratford, CT  
Number/Name:

Lab ID Numbers 725596-725597

Collected By: Not Given

\_\_\_\_\_  
Signature

Date: Not Given

Received By: Joseph P. Sanchirico



Date: 06/03/97 Time: 1519

Logged In By: Marita Prado



Date: 06/05/97

Prepped By: Marita Prado



Date: 06/16/97

Analyzed By: Robert Connor



Date: 06/17/97 Time: 2137

Re-Analyzed By:

Date:

Checked By: Robert Connor



Date: 06/17/97

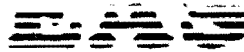
Faxed By: Robert Connor



Date: 06/17/97 Time: 2354

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601  
Federal ID #11-2753797

Fax (914) 592-8956

CLIENT Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

INVOICE N° 837532

DATE 06/19/97

P.O. NUMBER

TERMS 1%/10, Net 30,  
1.5% Int 30+

Account No. 920144

DATE	DESCRIPTION	PRICE
06/17/97	Analytical Services ( 2 Week Turn-Around ) RE: Stratford Army Engine Plant, Stratford, CT Fiber Identification Polarized Light Microscopy 2 Samples @ \$11.00 /Sample	\$22.00
	Total	\$22.00

Please Reference Invoice Number with Payment



# Eastern Analytical Services, Inc.

Telephone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1601

Fax (914) 592-8956

June 18, 1997

Mr. Clifford Frey  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: Stratford Army Engine Plant, Stratford, CT

Dear Mr. Frey

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. June 03, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

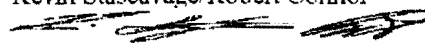
Faxed June 17, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-574	100397-575	100397-576	100397-577
Layer Number				
Lab ID Number	747232	747233	747234	747235
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	No	Yes	No
	Fibrous	Yes	No	No
	Color	Black/Brown/Gray	Brown/White	Tan/Black
Sample Treatment	Homogenized	Homogenized	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	2.3	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	2.3	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	0.0	1.0	2.0
	% Other	0.0	0.0	0.0
	% Unidentified	3.3	0.0	0.0
Non-Fibrous Materials Present	% Silicates	0.0	99.0	98.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	94.4	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 415 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. AA-060973 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-0095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
Collected By : Antony Tseng  
Date Received : 10/09/97  
Date Analyzed : 10/12-16/97

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Analyzed By : Kevin Stascavage/Robert Connor

Signature :

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1

NVLAP Lab No. 101646-0

NYS Lab No. 10851

Sample ID Number	100397-578	100397-579	100397-580	100397-581
------------------	------------	------------	------------	------------

Layer Number

Lab ID Number	747236	747237	747238	747239
---------------	--------	--------	--------	--------

Sample Location	Not Given	Not Given	Not Given	Not Given
-----------------	-----------	-----------	-----------	-----------

Sample Description	Not Given	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance Layered	No	Yes	No	No
Homogenous	Yes	No	Yes	Yes
Fibrous	Yes	No	Yes	No
Color	Gray	Gray/Tan	Red	Dark Yellow

Sample Treatment	None	Homogenized	None	None
Asbestos % Amosite	0.0	0.0	0.0	0.0
Content % Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous % Fibrous Glass	40.0	0.0	0.0	0.0
Materials % Cellulose	0.0	2.0	5.0	1.0
Present % Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous % Silicates	60.0	98.0	95.0	99.0
Materials % Carbonates	0.0	0.0	0.0	0.0
Present % Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That HCP Items Tested Are Non-Asbestos Containing  
ALHA Accreditation No. 416 Rhode Island DOH No. ARL-07273 Massachusetts DOL No. A A 000671 Connecticut DOH No. PH-9622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095





# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-582	100397-583	100397-584	100397-585
Layer Number					
Lab ID Number		747240	747241	747242	747243
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes	No	Yes
	Homogenous	No	No	Yes	No
	Fibrous	No	Yes	No	Yes
	Color	Gray/White/Black	Gray/White	Gray	Gray/Tan
Sample Treatment		Homogenized	Homogenized	None	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	45.0	0.0	0.0
Materials	% Cellulose	5.0	20.0	35.0	40.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	95.0	15.0	65.0	60.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	0.0	20.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing

AHA Accreditation No. 415 Rhode Island DGH No. AAL-072T3 Massachusetts DGL No. 8-A-000071 Connecticut DGH No. PH-0621 Maine DEP No. LA-024 Vermont DGH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

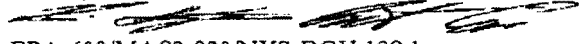
Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-586	100397-587	100397-588	100397-589
Layer Number				
Lab ID Number	747244	747245	747246	747247
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Stratified PC
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	Yes
	Fibrous	No	Yes	No
	Color	Gray/Black	Green/Black	Tan
Sample Treatment	None	Homogenized	None	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	1.8	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	1.8	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	1.0	0.0	3.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	1.3	0.0
Non-Fibrous	% Silicates	99.0	0.0	97.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	96.9	0.0

Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 416 Rhode Island DOH No. AAL-073T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-0095

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-590	100397-591	100397-592	100397-593
------------------	------------	------------	------------	------------

Layer Number

Lab ID Number	747248	747249	747250	747251
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------	-----------

Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance Layered	No	No	Yes	No
Homogenous	Yes	Yes	No	Yes
Fibrous	Yes	Yes	Yes	No
Color	Gray	Black	Tan/Brown	Gray/Tan

Sample Treatment	None	None	Homogenized	None
Asbestos % Amosite	0.0	0.0	0.0	0.0
Content % Chrysotile	0.0	1.3	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	1.3	0.0	0.0
Other Fibrous % Fibrous Glass	40.0	0.0	0.0	0.0
Materials % Cellulose	25.0	0.0	35.0	2.0
Present % Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	2.8	0.0	0.0
Non-Fibrous % Silicates	15.0	0.0	65.0	98.0
Materials % Carbonates	0.0	0.0	0.0	0.0
Present % Other	20.0	Perlite 0.0	0.0	0.0
% Unidentified	0.0	95.9	0.0	0.0

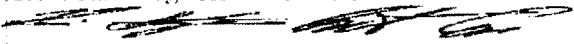
Results Applicable To: Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. #18 Rhode Island DOR No. AAL-072T3 Massachusetts DCL No. A.A. 000973 Connecticut DOR No. PH-0623 Maine DEF No. LA-024 Vermont DOR No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-594	100397-595	100397-596	100397-597	
Layer Number					
Lab ID Number	747252	747253	747254	747255	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	No Yes No Black	No Yes Yes Tan	Yes No No Tan/Brown	No Yes No Gray
Sample Treatment	None	None	Homogenized	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 15.0 0.0 0.0	0.0 20.0 0.0 0.0	0.0 2.0 0.0 0.0	0.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	70.0 0.0 15.0 0.0	60.0 0.0 20.0 0.0	98.0 0.0 0.0 0.0	80.0 20.0 0.0 0.0

Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NDB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 412 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A.008071 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-598	100397-599	100397-600	100397-601
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Layer Number

Lab ID Number	747256	747257	747258	747259
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	No
	Fibrous	No	No	No
	Color	Gray	Gray	Gray/Brown
				White/Brown

Sample Treatment	None	None	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	2.0
Materials	% Cellulose	2.0	3.0	5.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	98.0	97.0	93.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0

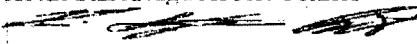
Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 415 Rhode Island DOH No. AAL-07273 Massachusetts DCL No. A.A. 000073 Connecticut DOH No. PH-0622 Maine DEP No. LA-624 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-602	100397-603	100397-604	100397-605	
Layer Number					
Lab ID Number	747260	747261	747262	747263	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation	
Appearance	Layered	Yes	Yes	No	No
	Homogenous	No	No	No	Yes
	Fibrous	Yes	Yes	Yes	No
	Color	Gray/Black	Tan/Gray	Red/Tan	Tan
Sample Treatment	Homogenized	Homogenized	Homogenized	None	
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	1.8	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	1.8	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	3.0	5.0	0.0	2.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	11.5	0.0
Non-Fibrous	% Silicates	97.0	75.0	0.0	98.0
Materials	% Carbonates	0.0	20.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	86.7	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 416 Rhode Island DOH No. AAL-022T3 Massachusetts DOL No. A.A.000073 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2099



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-606	100397-607	100397-608	100397-609
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Layer Number

Lab ID Number	747264	747265	747266	747267
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Homogenous	Fibrous	Color
	No	Yes	No	Gray
	Yes	No	Yes	
	No	Gray	Black	
	Yes			
	No			
	Gray			

Sample Treatment	None	None	None	Homogenized
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Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	1.0	1.0	5.0	35.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	99.0	99.0	65.0	65.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	0.0	0.0	30.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing

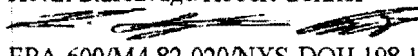
AIHA Accreditation No. 412 Rhode Island DOH No. AAL-021T3 Massachusetts DOL No. AA 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-610	100397-611	100397-612	100397-613
Layer Number				
Lab ID Number	747268	747269	747270	747271
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes No Gray	No Yes Yes Black	Yes No Yes Gray/Black
Sample Treatment	None	None	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 3.3 0.0 3.3
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 1.0 0.0 0.0	0.0 5.0 0.0 0.0	0.0 3.0 0.0 1.5
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	99.0 0.0 0.0 0.0	95.0 0.0 0.0 0.0	0.0 0.0 0.0 95.2

Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NCE Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. RAL-07273 Massachusetts DOL No. A.A. 090072 Connecticut DOH No. PH-0622 Maine DEP No. LA-624 Vermont DOH No. AAS-2055





Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97
Collected By : Antony Tseng
Date Received : 10/09/97
Date Analyzed : 10/12-16/97
Analyzed By : Kevin Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851
Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Sample ID Number 100397-614 100397-615 100397-616 100397-617

Layer Number

Lab ID Number 747272 747273 747274 747275

Sample Location Not Given Not Given Not Given Not Given

Sample Description Not Given Not Given Not Given Not Given

Method of Quantification Visual Estimation Visual Estimation Visual Estimation Visual Estimation

Appearance Layered No No No No
Homogenous Yes No No Yes
Fibrous Yes Yes Yes
Color Black Black/Yellow Black/White Beige

Sample Treatment None Homogenized Homogenized None

Asbestos % Amosite 0.0 0.0 0.0 0.0
Content % Chrysotile 0.0 0.0 0.0 0.0
% Other 0.0 0.0 0.0 0.0
% Total Asbestos 0.0 0.0 0.0 0.0
Other Fibrous % Fibrous Glass 0.0 0.0 0.0 0.0
Materials % Cellulose 2.0 2.0 3.0 3.0
Present % Other 0.0 0.0 0.0 0.0
% Unidentified 0.0 0.0 0.0 0.0
Non-Fibrous % Silicates 28.0 48.0 57.0 97.0
Materials % Carbonates 0.0 0.0 0.0 0.0
Present % Other 70.0 Binders 50.0 Binders 40.0 Binders 0.0
% Unidentified 0.0 0.0 0.0 0.0

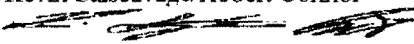
Results Applicable To These Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing
SIHA Accreditation No. 816 Rhode Island DGH No. AAL-07373 Massachusetts DOL No. A A 000072 Connecticut DGH No. FH-0611 Maine DEP No. LA-024 Vermont DGH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-618	100397-619	100397-620	100397-621
Layer Number				
Lab ID Number	747276	747277	747278	747279
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes No Tan	No Yes Yes Gray	No Yes No Green Black
Sample Treatment	None	None	None	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 < 1.0 0.0 < 1.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 3.0 0.0 0.0	0.0 2.0 0.0 0.0	0.0 0.0 0.0 3.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	60.0 17.0 20.0 0.0	90.0 8.0 0.0 0.0	70.0 8.0 20.0 97.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOR Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-97273 Massachusetts DCL No. A A 866672 Connecticut DOH No. FH-8622 Maine DEP No. LA-034 Vermont DOH No. AAS-2095



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected: 10/09/97
Collected By: Antony Tseng
Date Received: 10/09/97
Date Analyzed: 10/12-16/97
Analyzed By: Kevin Stascavage/Robert Connor
Signature: [Handwritten Signature]
Analytical Method: EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851
Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Table with 5 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description, Method of Quantification, Appearance, Sample Treatment, and various percentage values for Asbestos, Other Fibrous, and Non-Fibrous materials.

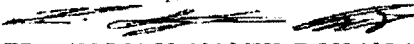
Results Applicable To Those Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That HCB Items Tested Are Non-Asbestos Containing
EPA Accreditation No. 418 Rhode Island DOH No. AAL-075T3 Massachusetts DOL No. A 069872 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2096



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-626	100397-627	100397-628	100397-629
Layer Number				
Lab ID Number	747284	747285	747286	747287
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	Yes	No	No	No
Homogenous	No	No	Yes	No
Fibrous	Yes	No	No	No
Color	Tan/Black/Beige	Tan/Gray	Gray	Tan/White/Gray
Sample Treatment	Homogenized	Homogenized	None	Homogenized
Asbestos				
% Amosite	0.0	0.0	0.0	0.0
Content % Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous				
% Fibrous Glass	0.0	0.0	0.0	30.0
Materials % Cellulose	0.0	2.0	20.0	30.0
Present % Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous				
% Silicates	70.0	50.0	80.0	40.0
Materials % Carbonates	10.0	48.0	0.0	0.0
Present % Other	20.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOR Items Tested Are Non-Asbestos Containing  
 ALHA Accreditation No. 416 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0620 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97
Collected By : Antony Tseng
Date Received : 10/09/97
Date Analyzed : 10/12-16/97
Analyzed By : Kevin Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851
Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Sample ID Number 100397-630 100397-631 100397-632 100397-633

Layer Number

Lab ID Number 747288 747289 747290 747291
Sample Location Not Given Not Given Not Given Not Given

Sample Description Not Given Not Given Not Given Not Given

Method of Quantification Visual Estimation Visual Estimation Visual Estimation Visual Estimation
Appearance Layered No Yes No No
Homogenous Yes No Yes Yes
Fibrous No Yes Yes No
Color White Gray/Black/Blue/Tan Tan/Black Brown

Sample Treatment None Homogenized Homogenized None
Asbestos % Amosite 0.0 0.0 0.0 0.0
Content % Chrysotile 0.0 0.0 0.0 0.0
% Other 0.0 0.0 0.0 0.0
% Total Asbestos 0.0 0.0 0.0 0.0
Other Fibrous % Fibrous Glass 50.0 0.0 0.0 0.0
Materials % Cellulose 20.0 0.0 10.0 2.0
Present % Other 0.0 0.0 0.0 0.0
% Unidentified 0.0 0.0 0.0 0.0
Non-Fibrous % Silicates 30.0 30.0 70.0 70.0
Materials % Carbonates 0.0 70.0 0.0 28.0
Present % Other 0.0 0.0 20.0 Binders 0.0
% Unidentified 0.0 0.0 0.0 0.0

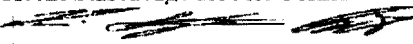
Results Applicable To Those Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing
AHERA Accreditation No. 416 Rhode Island DCH No. A-1-922T3 Massachusetts DCL No. A-A-000072 Connecticut EOH No. PH-0622 Maine DEP No. LA-024 Vermont EOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-634	100397-635	100397-636	100397-637
Layer Number				
Lab ID Number	747292	747293	747294	747295
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	No	No	Yes
	Homogenous	Yes	No	No
	Fibrous	Yes	Yes	Yes
	Color	Brown	Gray/Black	Gray/Black
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	1.7	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	1.7	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	0.0	10.0	10.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	1.7	0.0	0.0
Non-Fibrous	% Silicates	0.0	90.0	70.0
Materials	% Carbonates	0.0	0.0	20.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	96.6	0.0	0.0

Results Applicable To These Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AJHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 900072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-638	100397-639	100397-640	100397-641
Layer Number				
Lab ID Number	747296	747297	747298	747299
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	Yes	No	No
	Homogenous	No	No	Yes
	Fibrous	Yes	No	No
	Color	Dark Gray/Gray	Gray/White/Tan	Tan/Brown
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	24.2	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	24.2	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	0.0	5.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	8.2	0.0	0.0
Non-Fibrous	% Silicates	0.0	95.0	20.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	80.0 Binders
	% Unidentified	67.6	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NCE Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 416 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 080673 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-868	100397-869	100397-870	100397-871
Layer Number				
Lab ID Number	747692	747693	747694	747695
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	Yes
	Fibrous	No	Yes	No
	Color	Rust/Gray	Rust/Black/Gray	Gray/Yellow
				Rust/Brown/Gray

Sample Treatment	None	Homogenized	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	20.0	0.0	0.0
	% Cellulose	10.0	30.0	3.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	30.0	30.0	70.0
	% Carbonates	0.0	0.0	27.0
	% Other	0.0	40.0	0.0
	% Unidentified	40.0	0.0	0.0
			Binders	0.0
				20.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NJA Accreditation No. 418 Rhode Island DOH No. LAI-03372 Massachusetts DOL No. 4-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095






**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-864	100397-865	100397-866	100397-867
Layer Number				
Lab ID Number	747688	747689	747690	747691
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	No	No	No
	Color	Gray/White	White/Gray/Tan	Tan/Gray
		Black/Gray/Brown		
Sample Treatment	Homogenized	Homogenized	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	2.0	0.0	2.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	70.0	80.0	98.0
	% Carbonates	28.0	20.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

Massachusetts DEP No. 1000022 Connecticut DOH No. PH-0622 Massachusetts DEP No. 1000022 Connecticut DOH No. PH-0622 Massachusetts DEP No. 1000022 Connecticut DOH No. PH-0622



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-860	100397-861	100397-862	100397-863
Layer Number				
Lab ID Number	747684	747685	747686	747687
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	No	No	No	No
Homogenous	Yes	Yes	Yes	Yes
Fibrous	No	No	No	No
Color	Gray/Tan/Black	Rust/Gray	Brown/Tan/Gray/Black	Tan/Black/Gray
Sample Treatment	None	None	None	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	3.0	3.0	5.0	3.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	50.0	57.0	45.0	50.0
% Carbonates	47.0	0.0	10.0	7.0
% Other	0.0	0.0	0.0	40.0 Binders
% Unidentified	0.0	40.0	40.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 EPA Approval No. A18-014-01-001-01-00001 Massachusetts DOH No. A-00002 Connecticut DOH No. RH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97
Collected By : Antony S. Tseng
Date Received : 10/09/97
Date Analyzed : 10/17-23/97
Analyzed By : Kevin Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851
Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Table with 5 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description, Method of Quantification, Appearance, Sample Treatment, and Asbestos/Other Fibrous/Non-Fibrous Content. Rows include sample details, quantification methods, and asbestos content percentages.

Results Applicable To Those Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing







# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-844	100397-845	100397-846	100397-847
Layer Number				
Lab ID Number	747668	747669	747670	747671
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation
Appearance Layered	No	No	No	No
Homogenous	Yes	Yes	Yes	Yes
Fibrous	No	No	Yes	Yes
Color	Gray/Tan	White/Beige	Gray/Tan	Gray/Tan

Sample Treatment	None	None	None	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	39.4	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	39.4	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	2.0	2.0	0.0	2.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	29.4	0.0
Non-Fibrous Materials Present				
% Silicates	80.0	70.0	0.0	50.0
% Carbonates	18.0	28.0	0.0	18.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	31.2	30.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 Connecticut DOH No. RH-0622 Mass DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-840	100397-841	100397-842	100397-843
Layer Number				
Lab ID Number	747664	747665	747666	747667
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No	Yes
	Homogenous	Yes	Yes	Yes	No
	Fibrous	No	Yes	No	Yes
	Color	Brown/Black	Black/Gray/Pink	Rust/Gray	Pink/Gray

Sample Treatment		None	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0	40.0
	% Cellulose	2.0	10.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	28.0	60.0	30.0	50.0
	% Carbonates	0.0	20.0	0.0	0.0
	% Other Binders	70.0	0.0	0.0	10.0 NF Glass
	% Unidentified	0.0	10.0	70.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 (This document was prepared by Eastern Analytical Services, Inc. on 10/23/97. Connecticut DOH No. RH-0622, Maine DEP No. LA-024, Vermont DOH No. AAS-2095)



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-836	100397-837	100397-838	100397-839
Layer Number				
Lab ID Number	747660	747661	747662	747663
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	Yes	No	Yes	No
Homogenous	No	Yes	No	Yes
Fibrous	Yes	No	No	Yes
Color	Brown/Black	Black	Rust/Brown/Gray	Rust/Gray/Beige
Sample Treatment	Homogenized	None	Homogenized	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	3.0	10.0	0.0
% Cellulose	50.0	2.0	0.0	2.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	10.0	25.0	30.0	30.0
% Carbonates	0.0	0.0	0.0	38.0
% Other	40.0	70.0	0.0	0.0
% Unidentified	0.0	0.0	60.0	30.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing





# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-832	100397-833	100397-834	100397-835
Layer Number				
Lab ID Number	747656	747657	747658	747659
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	No	Yes	No
	Color	Brown/White	Black/White	White/Gray
				Black/Tan
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	10.0	40.0
Materials	% Cellulose	5.0	5.0	10.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	90.0	35.0	40.0
Materials	% Carbonates	5.0	0.0	10.0
Present	% Other	0.0	50.0	0.0
	% Unidentified	0.0	0.0	0.0
				30.0 Binders

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

MA: 86A-118 - Rhode Island: 86A-11-0372 - Massachusetts: 86A-11-00072 - Connecticut: DOH No. RH-0632 - Maine: DEP No. LA-024 - Vermont: DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97	Client: Malcolm Pirnie, Inc.
Collected By : Antony S. Tseng	104 Corporate Park Drive
Date Received : 10/09/97	Box 751
Date Analyzed : 10/17-23/97	White Plains, NY 10602
Analyzed By : Kevin Stascavage/Robert Connor	
Signature :	
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1	
NVLAP Lab No. 101646-0	
NYS Lab No. 10851	

Sample ID Number	100397-828	100397-829	100397-830	100397-831
<b>Layer Number</b>				
Lab ID Number	747652	747653	747654	747655
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
<b>Method of Quantification</b>				
	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	Yes
	Fibrous	No	Yes	No
	Color	Brown	Brown/Rust/Beige/Gray	Beige/Tan/Gray
				Black/White
<b>Sample Treatment</b>				
	None	Homogenized	None	Homogenized
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 0.0	8.2	23.5	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 0.0	8.2	23.5	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	0.0	0.0	40.0
	% Cellulose 2.0	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	29.0	56.8	0.0
Non-Fibrous Materials Present	% Silicates 38.0	0.0	0.0	40.0
	% Carbonates 0.0	0.0	0.0	10.0
	% Other 0.0	0.0	0.0	10.0 Vermiculite
	% Unidentified 60.0	62.8	19.7	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 MA: 804 CMR 17.00, 810 CMR 17.00, 815 CMR 17.00, 816 CMR 17.00, 817 CMR 17.00, 818 CMR 17.00, 819 CMR 17.00, 820 CMR 17.00  
 Connecticut DOH No. RH-0632, Massachusetts DEP No. A-000823, Maryland DEP No. LA-024, Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature:			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-824	100397-825	100397-826	100397-827
Layer Number					
Lab ID Number		747648	747649	747650	747651
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	Yes	Yes	No
	Color	Black/Green/Gray	Beige/Yellow	Yellow/Tan	Brown
Sample Treatment		None	None	None	None
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	52.9	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	52.9	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	5.0	0.0	5.0	2.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	26.2	0.0	0.0
Non-Fibrous	% Silicates	50.0	0.0	25.0	38.0
Materials	% Carbonates	25.0	0.0	0.0	0.0
Present	% Other	20.0	0.0	0.0	0.0
	% Unidentified	0.0	20.9	70.0	60.0

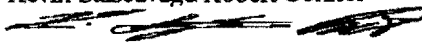
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AAS Accreditation No. 415 - Rhode Island EOH No. A-1-03373 - Massachusetts DOL No. A-000022 - Connecticut DOH No. RH-0672 - Maine DEP No. LA-024 - Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-820	100397-821	100397-822	100397-823
Layer Number				
Lab ID Number	747644	747645	747646	747647
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	Yes	Yes	No	Yes
Homogenous	No	No	Yes	No
Fibrous	No	Yes	Yes	No
Color	Beige	Gray/Rust/Brown	Rust	Beige/Tan
Sample Treatment	None	Homogenized	None	Homogenized
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	75.0	5.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	60.0	25.0	25.0	75.0
% Carbonates	40.0	0.0	0.0	25.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	70.0	0.0

Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 (NY State Lab No. 10851, EPA Lab No. 100397-820, Massachusetts Dept. of Health Lab No. 100002, Connecticut DOH No. PH-062, Maine DEP No. LA-024, Vermont DOH No. AAS-2095)



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-816	100397-817	100397-818	100397-819
Layer Number				
Lab ID Number	747640	747641	747642	747643
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	Yes	No	No
	Color	Green	Beige	Gray/Tan
Sample Treatment	None	None	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	2.0
	% Cellulose	2.0	2.0	3.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	58.0	30.0	90.0
	% Carbonates	0.0	68.0	5.0
	% Other	0.0	0.0	0.0
	% Unidentified	40.0	0.0	0.0

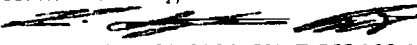
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 Connecticut DEP No. BH-0632, Massachusetts DEP No. LA-024, Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-812	100397-813	100397-814	100397-815
Layer Number				
Lab ID Number	747636	747637	747638	747639
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	No	Yes	No
	Color	White/Brown/Tan	Rust	Gray
Sample Treatment	Homogenized	None	None	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	3.0	0.0	3.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	60.0	40.0	95.0
Materials	% Carbonates	37.0	0.0	5.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	60.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NYA Approval No. 418 - RI - Lab. LDCN No. 44-03373 Massachusetts DOL No. A-4-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-808	100397-809	100397-810	100397-811
Layer Number			.		
Lab ID Number		747632	747633	747634	747635
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Stratified PC	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	Yes	Yes	No
	Color	Grape/Gray	Black	Rust/Gray/Green	Beige
Sample Treatment		None	None	None	None
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	21.3	11.8	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	21.3	11.8	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	0.0	0.0	2.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	3.8	4.2	0.0	0.0
Non-Fibrous	% Silicates	0.0	0.0	50.0	60.0
Materials	% Carbonates	0.0	0.0	18.0	40.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	74.9	84.0	30.0	0.0

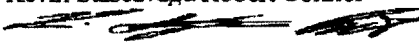
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 Connecticut DEP No. BH-0622 Major DEP No. LA-024 Vermont DEP No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-804	100397-805	100397-806	100397-807	
Layer Number					
Lab ID Number	747628	747629	747630	747631	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No Yes Beige/Tan/Red/Gray	No Yes Yes Brown/Black	Yes No No Brown/Gray	Yes No No Black/Tan/Gray
Sample Treatment	Homogenized	None	Homogenized	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 30.0 0.0 0.0	0.0 70.0 0.0 0.0	0.0 10.0 0.0 0.0	0.0 5.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	60.0 10.0 0.0 0.0	10.0 0.0 20.0 0.0	90.0 0.0 0.0 0.0	80.0 15.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 \*NY State Health No. 115 \*EPA Lab. ID# 100397-804-807 \*Massachusetts Dept. of Health No. A-000072 \*Connecticut DOH No. PH-0622 \*Maine DEP No. LA-024 \*Vermont DOH No. AAS-2025





# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97	Client: Malcolm Pirnie, Inc.
Collected By : Antony S. Tseng	104 Corporate Park Drive
Date Received : 10/09/97	Box 751
Date Analyzed : 10/17-23/97	White Plains, NY 10602
Analyzed By : Kevin Stascavage/Robert Connor	
Signature :	
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1	
NVLAP Lab No. 101646-0	
NYS Lab No. 10851	

Sample ID Number	100397-800	100397-801	100397-802	100397-803
Layer Number				
Lab ID Number	747624	747625	747626	747627
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance				
Layered	No	No	Yes	No
Homogenous	Yes	Yes	No	Yes
Fibrous	Yes	No	No	Yes
Color	White	Gray	Gray/Tan/Brown	Black/Gray
Sample Treatment	None	None	Homogenized	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	0.0	4.2
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	4.2
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	2.0	10.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	1.1
Non-Fibrous Materials Present				
% Silicates	60.0	90.0	80.0	0.0
% Carbonates	38.0	0.0	0.0	0.0
% Other	0.0	0.0	20.0	0.0
% Unidentified	0.0	0.0	0.0	94.7

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NY State DOH No. 1100.1-1.1 (2001) - 1100.1-1.1 (2001) - 1100.1-1.1 (2001) - 1100.1-1.1 (2001) - 1100.1-1.1 (2001)  
 Connecticut DOH No. RH-0632 - Maine DEP No. LA-024 - Vermont DOH No. AAS-2095



## Eastern Analytical Services, Inc.

### Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97	Client: Malcolm Pirnie, Inc.
Collected By : Antony S. Tseng	104 Corporate Park Drive
Date Received : 10/09/97	Box 751
Date Analyzed : 10/17-23/97	White Plains, NY 10602
Analyzed By : Kevin Stascavage/Robert Connor	
Signature :	
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1	
NVLAP Lab No. 101646-0	
NYS Lab No. 10851	

Sample ID Number		100397-796	100397-797	100397-798	100397-799
<b>Layer Number</b>					
Lab ID Number		747620	747621	747622	747623
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
<b>Method of Quantification</b>		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	Yes	No
	Homogenous	Yes	Yes	No	Yes
	Fibrous	No	Yes	No	Yes
	Color	Brown/Gray	Rust/Gray	Black/Beige/Rust	Black/Gray
<b>Sample Treatment</b>		None	None	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	5.0	60.0	2.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	50.0	30.0	50.0	60.0
Materials	% Carbonates	15.0	10.0	28.0	0.0
Present	% Other	30.0	0.0	20.0	40.0
	% Unidentified	0.0	0.0	0.0	0.0

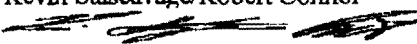
**Results Applicable To Those Items Tested**  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 Massachusetts Dept. of Public Health, 150 State St., Boston, MA 02127  
 Connecticut Dept. of Health Services, 260 Spring St., Hartford, CT 06103  
 Maine Dept. of Health & Community Services, 150 State St., Bangor, ME 04401  
 Vermont Dept. of Health, 101 State St., Montpelier, VT 05602



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-792	100397-793	100397-794	100397-795
Layer Number				
Lab ID Number	747616	747617	747618	747619
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	No	Yes	Yes	No
Homogenous	Yes	No	No	Yes
Fibrous	No	Yes	Yes	No
Color	Beige/Rust	Rust/Beige/Brown	Tan/Gray	Rust
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	< 1.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	< 1.0	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	3.0	50.0	0.0
% Cellulose	0.0	2.0	10.0	2.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	3.5	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	85.0	30.0	28.0
% Carbonates	0.0	10.0	0.0	0.0
% Other	0.0	0.0	10.0	0.0
% Unidentified	96.5	0.0	0.0	70.0


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 Maryland: DEP No. 445, RI: DEP No. 100-2332, MA: DEP No. 1-000077, Connecticut: DEP No. RH-0637, Maine: DEP No. LA-024, Vermont: DEP No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-788	100397-789	100397-790	100397-791
Layer Number				
Lab ID Number	747612	747613	747614	747615
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Rust	Yes No Yes Silver/Tan/Beige	Yes No No Green/Black/Gray Black/White
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0 % Chrysotile 0.0 % Other 0.0 % Total Asbestos 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0 % Cellulose 5.0 % Other 0.0 % Unidentified 0.0	50.0 0.0 0.0 0.0	2.0 0.0 0.0 0.0	0.0 3.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates 25.0 % Carbonates 10.0 % Other 0.0 % Unidentified 60.0	20.0 0.0 30.0 0.0	50.0 28.0 20.0 0.0	30.0 37.0 30.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NYS Department No. 118 | Rhode Island DOH No. 11-0337 | Massachusetts DOL No. A-1-00002 | Connecticut DOH No. RH-0622 | Maine DEP No. LA-024 | Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-784	100397-785	100397-786	100397-787
Layer Number					
Lab ID Number		747608	747609	747610	747611
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	Yes	No	No	No
	Color	Tan/Gray	Gray/Tan	White/Beige	Gray
Sample Treatment		None	None	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	60.0	0.0	0.0
	% Cellulose	5.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	90.0	40.0	40.0	90.0
	% Carbonates	5.0	0.0	60.0	10.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
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EPA Method 8460, NYS DOH 198.1, EPA Method 8461, EPA Method 8462, EPA Method 8463, EPA Method 8464, EPA Method 8465, EPA Method 8466, EPA Method 8467, EPA Method 8468, EPA Method 8469, EPA Method 8470, EPA Method 8471, EPA Method 8472, EPA Method 8473, EPA Method 8474, EPA Method 8475, EPA Method 8476, EPA Method 8477, EPA Method 8478, EPA Method 8479, EPA Method 8480, EPA Method 8481, EPA Method 8482, EPA Method 8483, EPA Method 8484, EPA Method 8485, EPA Method 8486, EPA Method 8487, EPA Method 8488, EPA Method 8489, EPA Method 8490, EPA Method 8491, EPA Method 8492, EPA Method 8493, EPA Method 8494, EPA Method 8495, EPA Method 8496, EPA Method 8497, EPA Method 8498, EPA Method 8499, EPA Method 8500, EPA Method 8501, EPA Method 8502, EPA Method 8503, EPA Method 8504, EPA Method 8505, EPA Method 8506, EPA Method 8507, EPA Method 8508, EPA Method 8509, EPA Method 8510, EPA Method 8511, EPA Method 8512, EPA Method 8513, EPA Method 8514, EPA Method 8515, EPA Method 8516, EPA Method 8517, 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EPA Method 8694, EPA Method 8695, EPA Method 8696, EPA Method 8697, EPA Method 8698, EPA Method 8699, EPA Method 8700, EPA Method 8701, EPA Method 8702, EPA Method 8703, EPA Method 8704, EPA Method 8705, EPA Method 8706, EPA Method 8707, EPA Method 8708, EPA Method 8709, EPA Method 8710, EPA Method 8711, EPA Method 8712, EPA Method 8713, EPA Method 8714, EPA Method 8715, EPA Method 8716, EPA Method 8717, EPA Method 8718, EPA Method 8719, EPA Method 8720, EPA Method 8721, EPA Method 8722, EPA Method 8723, EPA Method 8724, EPA Method 8725, EPA Method 8726, EPA Method 8727, EPA Method 8728, EPA Method 8729, EPA Method 8730, EPA Method 8731, EPA Method 8732, EPA Method 8733, EPA Method 8734, EPA Method 8735, EPA Method 8736, EPA Method 8737, EPA Method 8738, EPA Method 8739, EPA Method 8740, EPA Method 8741, EPA Method 8742, EPA Method 8743, EPA Method 8744, EPA Method 8745, EPA Method 8746, EPA Method 8747, EPA Method 8748, EPA Method 8749, EPA Method 8750, EPA Method 8751, EPA Method 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Method 8987, EPA Method 8988, EPA Method 8989, EPA Method 8990, EPA Method 8991, EPA Method 8992, EPA Method 8993, EPA Method 8994, EPA Method 8995, EPA Method 8996, EPA Method 8997, EPA Method 8998, EPA Method 8999, EPA Method 9000.



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97
Collected By : Antony S. Tseng
Date Received : 10/09/97
Date Analyzed : 10/17-23/97
Analyzed By : Kevin Stascavage/Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Sample ID Number 100397-780 100397-781 100397-782 100397-783

Layer Number

Lab ID Number 747604 747605 747606 747607

Sample Location Not Given Not Given Not Given Not Given

Sample Description Not Given Not Given Not Given Not Given

Method of Quantification Visual Estimation Visual Estimation Visual Estimation Visual Estimation
Appearance Layered No No Yes Yes
Homogenous Yes No No No
Fibrous Yes Yes No No
Color Rust Rust/Gray Rust/Gray/Tan Rust/White

Sample Treatment None None Homogenized Homogenized

Table with columns for Asbestos Content, Other Fibrous Materials Present, and Non-Fibrous Materials Present, and rows for % Amosite, % Chrysotile, % Other, % Total Asbestos, % Fibrous Glass, % Cellulose, % Other, % Unidentified, % Silicates, % Carbonates, % Other, % Unidentified.

Results Applicable To Those Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-776	100397-777	100397-778	100397-779
Layer Number				
Lab ID Number	747600	747601	747602	747603
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	Yes
	Color	Tan/Gray/Black	Brown/Black	White/Gray/Tan/Brown
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	30.0	25.0	2.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	30.0	35.0	50.0
	% Carbonates	10.0	0.0	18.0
	% Other	30.0	40.0	30.0
	% Unidentified	0.0	0.0	0.0
		Binders	Binders	Binders

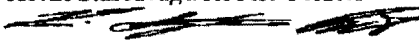
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 New York State DOH No. 418 - Bulk Lead DOH No. A-11-0373 - Massachusetts DOH No. A-000077 - Connecticut DOH No. BH-0622 - Maine DEP No. JA-024 - Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-772	100397-773	100397-774	100397-775
Layer Number				
Lab ID Number	747596	747597	747598	747599
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Rust/Gray	Yes No No Black/Gray/Tan	No Yes Yes Black
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 10.0 0.0 0.0	0.0 2.0 0.0 0.0	0.0 2.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	80.0 10.0 0.0 0.0	80.0 18.0 0.0 0.0	60.0 38.0 0.0 0.0
				50.0 Binders

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
Massachusetts DEP No. 800077 Connecticut DEP No. PH-0672 Maine DEP No. LA-024 Vermont DEP No. AAS-2095

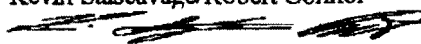




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-768	100397-769	100397-770	100397-771	
Layer Number					
Lab ID Number	747592	747593	747594	747595	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Tan/Gray/Rust	Yes No No White/Rust	No Yes Yes Gray	Yes No No Tan/White
Sample Treatment	None	Homogenized	None	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 3.0 0.0 0.0	0.0 2.0 0.0 0.0	40.0 30.0 0.0 0.0	0.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	97.0 0.0 0.0 0.0	60.0 38.0 0.0 0.0	30.0 0.0 0.0 0.0	95.0 5.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 Connecticut DEP No. 1A-024 Vermont DEP No. 1A-024 Massachusetts DEP No. 1A-024 New York State DEP No. 1A-024



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97
Collected By : Antony S. Tseng
Date Received : 10/09/97
Date Analyzed : 10/17-23/97

Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Analyzed By : Kevin Stascavage/Robert Connor

Signature:

[Handwritten signature]

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1

NVLAP Lab No. 101646-0

NYS Lab No. 10851

Sample ID Number 100397-764 100397-765 100397-766 100397-767

Layer Number

Lab ID Number 747588 747589 747590 747591

Sample Location Not Given Not Given Not Given Not Given

Sample Description Not Given Not Given Not Given Not Given

Method of Quantification Visual Estimation Visual Estimation Visual Estimation Stratified PC
Appearance Layered No No No Yes
Homogenous Yes Yes Yes No
Fibrous No Yes Yes Yes
Color Gray Rust Rust/Tan/Gray Gray/Beige/Tan

Sample Treatment None None None Homogenized

Asbestos Content % Amosite 0.0 0.0 0.0 0.0
% Chrysotile 0.0 0.0 0.0 13.9
% Other 0.0 0.0 0.0 0.0
% Total Asbestos 0.0 0.0 0.0 13.9

Other Fibrous Materials % Fibrous Glass 0.0 0.0 2.0 0.0
% Cellulose 2.0 2.0 20.0 0.0
Present % Other 0.0 0.0 0.0 0.0
% Unidentified 0.0 0.0 0.0 26.4

Non-Fibrous Materials % Silicates 90.0 45.0 78.0 0.0
% Carbonates 8.0 3.0 0.0 0.0
Present % Other 0.0 0.0 0.0 0.0
% Unidentified 0.0 50.0 0.0 59.7

Results Applicable To Those Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing
MA Department of Health Services, 100 State St., Boston, MA 02108, Tel: (617) 725-6272, Fax: (617) 725-6273, www.mass.gov/ehs
Connecticut Department of Public Health, 150 Capitol Mall, Hartford, CT 06102, Tel: (860) 261-2000, Fax: (860) 261-2001, www.ct.gov/dph
Maine Department of Health, 100 State St., Augusta, ME 04330, Tel: (603) 622-4000, Fax: (603) 622-4001, www.maine.gov/dhs
New York Department of Health, 111 West Street, Albany, NY 12242, Tel: (518) 473-2300, Fax: (518) 473-2301, www.health.state.ny.us
Vermont Department of Health, 100 State St., Montpelier, VT 05602, Tel: (802) 241-2000, Fax: (802) 241-2001, www.vermont.gov/health



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-760	100397-761	100397-762	100397-763	
Layer Number					
Lab ID Number	747584	747585	747586	747587	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No No Red/Black/White/ Tan	No Yes Yes Black/Gray	Yes No Yes White/Gray/Brown	No Yes Yes Brown/Tan/Gray
Sample Treatment	Homogenized	None	Homogenized	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 3.9 0.0 3.9	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	0.0 0.0 0.0 1.3	30.0 10.0 0.0 0.0	0.0 2.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	80.0 20.0 0.0 0.0	0.0 0.0 0.0 94.8	50.0 10.0 0.0 0.0	98.0 0.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NYS License No. 418 - Bldg. Label DOH No. A-11-03377 Massachusetts DCL No. A-989077 Connecticut DOH No. PH-0622 Maine DEP No. 1A-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-756	100397-757	100397-758	100397-759
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Layer Number

Lab ID Number	747580	747581	747582	747583
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Sample Location	Not Given	Not Given	Not Given	Not Given
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Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Stratified PC	Visual Estimation	Stratified PC	Visual Estimation
Appearance Layered	Yes	Yes	Yes	Yes
Homogenous	No	No	No	No
Fibrous	No	Yes	Yes	Yes
Color	Beige/Black/Brown	White/Tan/Gray	Tan/Black/Gray	White/Tan/Beige

Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos	% Amosite 0.0	0.0	0.0	0.0
Content	% Chrysotile 1.3	0.0	11.3	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 1.3	0.0	11.3	0.0
Other Fibrous	% Fibrous Glass 0.0	40.0	0.0	0.0
Materials	% Cellulose 0.0	30.0	0.0	10.0
Present	% Other 0.0	0.0	0.0	0.0
	% Unidentified 31.6	0.0	74.6	0.0
Non-Fibrous	% Silicates 0.0	30.0	0.0	60.0
Materials	% Carbonates 0.0	0.0	0.0	30.0
Present	% Other 0.0	0.0	0.0	0.0
	% Unidentified 67.1	0.0	14.1	0.0


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Clean That NOB Items Tested Are Non-Asbestos Containing  
 Massachusetts Dept. of Environmental Protection, Order No. 104-00000000-00000000-00000000-00000000  
 Connecticut Dept. of Environmental Protection, Order No. 2000-00000000-00000000-00000000  
 New York State Dept. of Environmental Conservation, Order No. 9000-00000000-00000000-00000000  
 Pennsylvania Dept. of Environmental Protection, Order No. 2000-00000000-00000000-00000000  
 Vermont Dept. of Environmental Conservation, Order No. 2000-00000000-00000000-00000000



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature:   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-752	100397-753	100397-754	100397-755
Layer Number				
Lab ID Number	747576	747577	747578	747579
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	Yes No No Brown/Black	No Yes Yes Black/Tan	No Yes Yes Tan/Black/Gray Rust
Sample Treatment	Homogenized	None	None	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 2.3 0.0 2.3	0.0 0.0 0.0 0.0	0.0 9.4 0.0 9.4
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 1.3	0.0 0.0 0.0 0.0	0.0 0.0 0.0 1.6
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 96.4	25.0 0.0 75.0 Binders 0.0	0.0 0.0 0.0 89.0

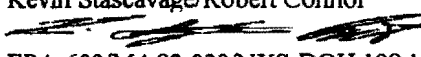
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NY State Lab No. 10851 - Block Island DOH No. A-11-0777 - Massachusetts DCF No. A-000077 - Connecticut DOH No. PH-0622 - Maine DEP No. LA-024 - Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-748	100397-749	100397-750	100397-751	
Layer Number					
Lab ID Number	747572	747573	747574	747575	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	No Yes No Gray/Tan	Yes No No Rust/Brown/Green/ Black	No Yes No Black Green/Brown/ Yellow	
Sample Treatment	None	Homogenized	None	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 4.9 0.0 4.9	0.0 8.4 0.0 8.4	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 2.0 0.0 0.0	0.0 0.0 0.0 2.3	0.0 0.0 0.0 2.7	3.0 5.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	80.0 18.0 0.0 0.0	0.0 0.0 0.0 92.8	0.0 0.0 0.0 88.9	32.0 0.0 60.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

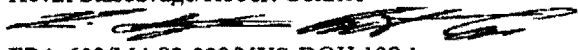
MASS. Reg. No. 418, Conn. Reg. No. 11-02772, Massachusetts DCL No. 11-00002, Connecticut DOH No. PH-0672, Maine DEP No. 1-A-024, Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-744	100397-745	100397-746	100397-747
Layer Number				
Lab ID Number	747568	747569	747570	747571
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Visual Estimation
Appearance				
Layered	Yes	Yes	Yes	No
Homogenous	No	No	No	Yes
Fibrous	No	Yes	Yes	No
Color	Black/Red	Tan/White/Black	Gray/White	White
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	2.3	< 1.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	2.3	< 1.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	40.0	0.0
% Cellulose	0.0	0.0	20.0	2.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	1.3	3.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	40.0	50.0
% Carbonates	0.0	0.0	0.0	48.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	96.4	97.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NY State Dept. of Environmental Conservation, Division of Environmental Health Services, License No. 118, Stratford, CT 06397, Massachusetts DCL No. A-69997, Connecticut DOH No. PH-0622, Maine DEP No. LA-024, Vermont DOH No. AAS-2095

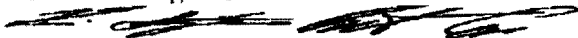


# Eastern Analytical Services, Inc.

Page 17 of 51

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-740	100397-741	100397-742	100397-743
Layer Number				
Lab ID Number	747564	747565	747566	747567
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes No Yellow/Beige	Yes No Yes Tan/White	No Yes Yes White/Tan/Brown/ Gray
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	30.0 40.0 0.0 0.0	0.0 10.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	30.0 0.0 0.0 70.0	30.0 0.0 0.0 0.0	90.0 0.0 0.0 0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

MASS: 800-222-3114, 350 Broadway, Boston, MA 02126, Fax: 617-552-1398, E-mail: info@easinc.com  
 Connecticut: DOH No. PH-0672, Maine: DEP No. LA-074, Vermont: DOH No. AAS-2095





**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-736	100397-737	100397-738	100397-739
Layer Number					
Lab ID Number		747560	747561	747562	747563
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No	Yes
	Homogenous	Yes	Yes	Yes	No
	Fibrous	No	Yes	No	Yes
	Color	White/Beige	Tan/Gray	Black/Gray/Tan	Tan/White
Sample Treatment		None	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	60.0	0.0	20.0
	% Cellulose	2.0	0.0	2.0	45.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	98.0	40.0	68.0	35.0
	% Carbonates	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	30.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

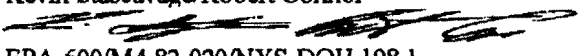
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NJHA Accreditation No. 418, RI Dept. of Health DOH No. 1-11-0737, Massachusetts DCL No. A-000072, Connecticut DOH No. BH-0622, Maine DEP No. LA-024, Vermont DOH No. AAS-2085



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number		100397-732	100397-733	100397-734	100397-735
Layer Number					
Lab ID Number		747556	747557	747558	747559
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No	Yes
	Homogenous	Yes	Yes	Yes	No
	Fibrous	No	No	No	No
	Color	Beige/Gray	Silver	Tan	Tan/White/Gray
Sample Treatment		None	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0	0.0
	% Cellulose	5.0	1.0	5.0	1.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	95.0	99.0	95.0	99.0
	% Carbonates	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 EPA Approval No. MS-96-0004-DOW No. AA-9777 Massachusetts DCL No. A-A-98072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-728	100397-729	100397-730	100397-731
Layer Number				
Lab ID Number	747552	747553	747554	747555
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	Yes	No	No
	Color	Black/Rust/Brown	Brown/Black	Black/Tan
				White/Tan/Gray
Sample Treatment	Homogenized	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	5.0
	% Cellulose	5.0	25.0	70.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	75.0	55.0	30.0
	% Carbonates	0.0	0.0	0.0
	% Other	20.0 Binders	20.0 Binders	0.0
	% Unidentified	0.0	0.0	85.0

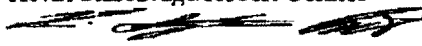
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NY State DOH No. 418, PAHs Lab. EPCOM, AL-8377, Massachusetts DOH No. A-69997, Connecticut DOH No. PH-0622, Maine DEP No. LA-024, Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-724	100397-725	100397-726	100397-727	
Layer Number					
Lab ID Number	747548	747549	747550	747551	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No No Green/Beige/Black/ Gray	Yes No Yes Beige/Rust/Gray/ Tan	Yes No No Rust/Brown/Gray/ Black	No Yes No Black
Sample Treatment	Homogenized	Homogenized	Homogenized	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 11.8 0.0 11.8	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 3.0 0.0 0.0	0.0 0.0 0.0 17.3	0.0 55.0 0.0 0.0	0.0 2.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	97.0 0.0 0.0 0.0	0.0 0.0 0.0 70.9	45.0 0.0 0.0 0.0	98.0 0.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NYA Accreditation No. 418 | Rhode Island DOH No. AAL 037E | Massachusetts DOL No. A-000072 | Connecticut DOH No. PH-0622 | Maine DEP No. LA-024 | Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-720	100397-721	100397-722	100397-723
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Layer Number

Lab ID Number	747544	747545	747546	747547
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Sample Location	Not Given	Not Given	Not Given	Not Given
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Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
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Appearance	Layered	Yes	Yes	Yes	No
	Homogenous	No	No	No	Yes
	Fibrous	No	No	No	Yes
	Color	Gray/Black/Tan	Rust/Gray	Beige/Rust	Green/Gray

Sample Treatment	Homogenized	Homogenized	Homogenized	None
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Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0

Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	30.0	0.0
	% Cellulose	2.0	1.0	0.0	2.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Non-Fibrous Materials Present	% Silicates	98.0	99.0	70.0	98.0
	% Carbonates	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

NY State Dept. of Health, New York State DOH No. A-11-0772, Massachusetts DOL No. A-900072, Connecticut DOH No. PH-0622, Maine DEP No. LA-024, Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-716		100397-717		100397-718		100397-719	
Layer Number								
Lab ID Number	747540		747541		747542		747543	
Sample Location	Not Given		Not Given		Not Given		Not Given	
Sample Description	Not Given		Not Given		Not Given		Not Given	
Method of Quantification	Visual Estimation		Visual Estimation		Visual Estimation		Stratified PC	
Appearance	Layered	No	Yes	Yes	Yes	Yes	Yes	
	Homogenous	Yes	No	No	No	No	No	
	Fibrous	No	Yes	Yes	Yes	Yes	Yes	
	Color	Beige/Rust	Gray/Tan	Gray/Tan	Brown/Black/Gray	Brown/Black/Gray	Beige/Tan/Gray/ Green	
Sample Treatment	None		Homogenized		Homogenized		Homogenized	
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0	0.0	0.0	
	% Chrysotile	0.0	0.0	0.0	0.0	0.0	47.0	
	% Other	0.0	0.0	0.0	0.0	0.0	0.0	
	% Total Asbestos	0.0	0.0	0.0	0.0	0.0	47.0	
Other Fibrous Materials Present	% Fibrous Glass	0.0	60.0	5.0	5.0	5.0	0.0	
	% Cellulose	3.0	0.0	1.0	1.0	1.0	0.0	
	% Other	0.0	0.0	0.0	0.0	0.0	0.0	
	% Unidentified	0.0	0.0	0.0	0.0	0.0	17.8	
Non-Fibrous Materials Present	% Silicates	97.0	40.0	94.0	94.0	94.0	0.0	
	% Carbonates	0.0	0.0	0.0	0.0	0.0	0.0	
	% Other	0.0	0.0	0.0	0.0	0.0	0.0	
	% Unidentified	0.0	0.0	0.0	0.0	0.0	35.2	

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NYS Department of Environmental Conservation - Division of Environmental Protection  
 Connecticut Department of Environmental Protection  
 Massachusetts Department of Environmental Protection  
 Maryland Department of the Environment  
 New Jersey Department of Environmental Protection  
 New York State Department of Environmental Conservation  
 Pennsylvania Department of Environmental Protection  
 Rhode Island Department of Environmental Management  
 Vermont Department of Environmental Conservation



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-712	100397-713	100397-714	100397-715
Layer Number				
Lab ID Number	747536	747537	747538	747539
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	No	No	No	No
Homogenous	Yes	Yes	Yes	Yes
Fibrous	Yes	No	Yes	No
Color	Rust/Beige	White/Tan	Rust/Brown/Gray	Rust
Sample Treatment	None	None	None	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	2.0
% Cellulose	3.0	1.0	10.0	1.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	97.0	99.0	90.0	97.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 Utah Asbestos Reg. No. 418 - Rhode Island DOH No. A-1-6772 - Massachusetts DOL No. A-000077 - Connecticut DOH No. PR-0622 - Maine DEP No. LA-024 - Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-708	100397-709	100397-710	100397-711
Layer Number					
Lab ID Number		747532	747533	747534	747535
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No	Yes
	Homogenous	No	No	Yes	No
	Fibrous	Yes	No	No	No
	Color	Beige/Rust	Gray/White/Tan	Rust/Brown	Beige/Gray/Black
Sample Treatment		Homogenized	Homogenized	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0	15.0
	% Cellulose	30.0	1.0	5.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	70.0	99.0	95.0	85.0
	% Carbonates	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 MA: License No. 18-184-0001-DOH No. A-11-0377 Massachusetts: ECL No. A-A-990072 Connecticut: DOH No. PH-0622 Maine: DEP No. LA-024 Vermont: DOH No. AAS-2095






# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-704	100397-705	100397-706	100397-707
Layer Number				
Lab ID Number	747528	747529	747530	747531
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	No	No
	Color	Rust/Black/Gray	Gray/Black/Tan	Black/Rust
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	10.3
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	10.3
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	35.0	10.0	45.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	65.0	90.0	55.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	89.7

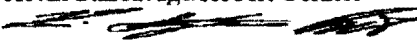
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 EPA Method No. 418 Rhode Island DCM No. 111-0333 Massachusetts DCL No. A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-700	100397-701	100397-702	100397-703	
Layer Number					
Lab ID Number	747524	747525	747526	747527	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No No Red/Gray/Tan/Black	Yes No Yes Black/Tan/Brown	No Yes Yes Black/Tan	Yes No No Gray/Tan/Brown/ Black/Rust
Sample Treatment	Homogenized	Homogenized	None	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 10.0 0.0 0.0	0.0 35.0 0.0 0.0	0.0 55.0 0.0 0.0	0.0 20.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	75.0 0.0 15.0 0.0	50.0 0.0 15.0 0.0	45.0 0.0 0.0 0.0	80.0 0.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 EPA Asbestos Method 100, EPA Lead Method 9000, Massachusetts DOL No. A-900072, Connecticut DOH No. PH-0622, Maine DEP No. LA-024, Vermont DOH No. AAS-2025



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-696	100397-697	100397-698	100397-699
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Layer Number

Lab ID Number	747520	747521	747522	747523
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes	No	Yes
	Homogenous	Yes	No	Yes	No
	Fibrous	No	No	No	No
	Color	Brown/Gray	White/Beige/Brown/ Tan	Tan/Gray	White/Beige/Tan
Sample Treatment		None	Homogenized	None	Homogenized
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	15.0	2.0	2.0	5.0
Present	% Other	10.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	75.0	83.0	98.0	95.0
Materials	% Carbonates	0.0	15.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NJA - Asbestos No. 418 - Rhode Island DOH No. 2-1-1-0777 - Massachusetts DCL No. A-00007 - Connecticut DOH No. PH-0622 - Maine DEP No. LA-024 - Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-692	100397-693	100397-694	100397-695
Layer Number				
Lab ID Number	747516	747517	747518	747519
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes No Green/Tan	Yes No No Tan/Black/Gray	Yes No Yes Rust/Brown
Sample Treatment	None	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 1.8 0.0 1.8
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 20.0 0.0 0.0	0.0 40.0 0.0 0.0	0.0 0.0 0.0 21.8
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	65.0 0.0 15.0 0.0	60.0 0.0 0.0 0.0	0.0 0.0 0.0 76.4


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NYS Lab No. 101646-0, Stratford Army Engine Plant, Stratford, CT - Building 1, Massachusetts DEP No. A-000022, Connecticut DEP No. PH-0622, Maine DEP No. LA-024, Vermont DEP No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-688	100397-689	100397-690	100397-691
Layer Number				
Lab ID Number	747512	747513	747514	747515
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Rust/Gray	Yes No Yes Gray/Beige/Tan	Yes No No Beige/White/Gray/ Green
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite 0.0 % Chrysotile < 1.0 % Other 0.0 % Total Asbestos < 1.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 3.5 0.0 3.5
Other Fibrous Materials Present	% Fibrous Glass 0.0 % Cellulose 0.0 % Other 0.0 % Unidentified 9.0	40.0 25.0 0.0 0.0	0.0 20.0 0.0 0.0	0.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates 0.0 % Carbonates 0.0 % Other 0.0 % Unidentified 91.0	35.0 0.0 0.0 0.0	80.0 0.0 0.0 0.0	0.0 0.0 0.0 96.5


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 418 Rhode Island DOH No. AAL-0777 Massachusetts DGL No. A-A-000072 Connecticut DOH No. PH-0672 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-684	100397-685	100397-686	100397-687
Layer Number				
Lab ID Number	747508	747509	747510	747511
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	Yes No Yes Rust/Black/Gray	No Yes Yes Beige/Black	Yes No No Black/Brown
Sample Treatment	Homogenized	None	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0 % Chrysotile 0.0 % Other 0.0 % Total Asbestos 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 1.8 0.0 1.8
Other Fibrous Materials Present	% Fibrous Glass 0.0 % Cellulose 35.0 % Other 0.0 % Unidentified 0.0	0.0 40.0 0.0 0.0	0.0 30.0 0.0 0.0	0.0 0.0 0.0 1.3
Non-Fibrous Materials Present	% Silicates 65.0 % Carbonates 0.0 % Other 0.0 % Unidentified 0.0	40.0 0.0 20.0 0.0	70.0 0.0 0.0 0.0	0.0 0.0 0.0 96.9

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NY: AAS-0285-655 - Rhode Island: DOI No. A-11-0777 - Massachusetts: DOI No. A-A-000072 - Connecticut: DOH No. PH-0622 - Maine: DEP No. LA-024 - Vermont: DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-680	100397-681	100397-682	100397-683
Layer Number				
Lab ID Number	747504	747505	747506	747507
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	Yes
	Fibrous	Yes	No	No
	Color	Brown/Gray/Black	Gray/Black/Brown/ Tan	Beige/White
Sample Treatment	None	Homogenized	None	Homogenized
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 1.8	0.0	0.0	2.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 1.8	0.0	0.0	2.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	0.0	0.0	0.0
	% Cellulose 0.0	1.0	2.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 2.5	0.0	0.0	1.3
Non-Fibrous Materials Present	% Silicates 0.0	99.0	98.0	0.0
	% Carbonates 0.0	0.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 95.7	0.0	0.0	96.7

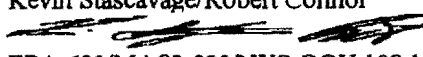
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AUSA Accreditation No. 418 Rhode Island DOH No. AAL 0777 Massachusetts DOL No. A-000072 Connecticut DOH No. PH-0672 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected : 10/09/97  
 Collected By : Antony S. Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/17-23/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-676	100397-677	100397-678	100397-679	
Layer Number					
Lab ID Number	747500	747501	747502	747503	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Stratified PC	
Appearance	Layered	Yes	Yes	No	Yes
	Homogenous	No	No	Yes	No
	Fibrous	Yes	No	Yes	No
	Color	Gray/Tan/Brown	Gray/Brown/Black	Black/Beige	Black/Gray/Purple
Sample Treatment	Homogenized	Homogenized	None	Homogenized	
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	2.3	2.8
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	2.3	2.8
Other Fibrous	% Fibrous Glass	5.0	0.0	0.0	0.0
Materials	% Cellulose	0.0	5.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	1.3	1.5
Non-Fibrous	% Silicates	95.0	95.0	0.0	0.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	96.4	95.7

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NYS Approval No. 418 Rhode Island DOH No. AAL-0777 Massachusetts DOH No. A-A-00007 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095





# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

October 24, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 204 bulk samples received by Eastern Analytical Services, Inc. October 09, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed October 23, 1997  
914-641-2455

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9706963

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 202

Sample Disposition: Standard x  
Return

No. of Samples Analyzed: 202

Client Project Number/Name: RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

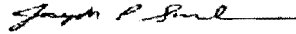
Lab ID Numbers 747132-747333

Collected By: Antony Tseng

\_\_\_\_\_  
Signature

Date: 10-09-97

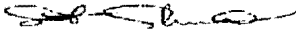
Received By: Joseph P. Sanchirico



Date: 10-09-97

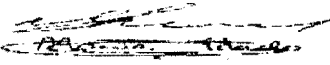
Time: 1308

Logged In By: Scott Schmidt




Date: 10-09-97

Prepped By: Eleonora Skulskaya  
Marita Prado



Date: 1-13-14-97

Analyzed By: Kevin Staseavage  
Robert Connor



Date: 10-12-10-97

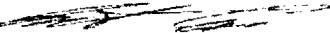
Time: 2250

Re-Analyzed By: Kevin Staseavage



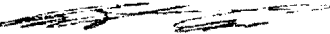
Date: 10-19-97

Checked By: Robert Connor



Date: 10-17-97

Faxed By: Robert Connor



Date: 10-17-97

Time: 2233

Logged Out By:

Date:

**CHAIN OF CUSTODY**

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 2)  
 CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466

100397- 635	747, 294
100397- 636	295
100397- 637	296
100397- 638	297
100397- 639	298
100397- 640	299
100397- 641	300
100397- 642	301
100397- 643	302
100397- 644	303
100397- 645	304
100397- 646	305
100397- 647	306
100397- 648	307
100397- 649	308
100397- 650	309
100397- 651	310
100397- 652	311
100397- 653	312
100397- 654	313
100397- 655	314
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100397- 663	322
100397- 664	323
100397- 665	324
100397- 666	324
100397- 667	325
100397- 668	326
100397- 669	327
100397- 670	328
100397- 671	329
100397- 672	330
100397- 673	331
100397- 674	332
100397- 675	333

The above 202 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on October 9, 1997.

Relinquished by: Antony Tseng Date: 10/9/97 Time: \_\_\_\_\_

Received by: [Signature] EAS Date: \_\_\_\_\_ Time: \_\_\_\_\_

OCT 9 '97 13:08

### CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 2)

CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466

100397- 580	238
100397- 581	239
100397- 582	240
100397- 583	241
100397- 584	242
100397- 585	243
100397- 586	244
100397- 587	245
100397- 588	246
100397- 589	247
100397- 590	248
100397- 591	249
100397- 592	250
100397- 593	251
100397- 594	252
100397- 595	253
100397- 596	254
100397- 597	255
100397- 598	256
100397- 599	257
100397- 600	258
100397- 601	259
100397- 602	260
100397- 603	261
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100397- 622	280
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100397- 624	282
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100397- 626	284
100397- 627	285
100397- 628	286
100397- 629	287
100397- 630	288
100397- 631	289
100397- 632	290
100397- 633	291
100397- 634	293

### CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 2)  
 CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466

100397- 525	247 183
100397- 526	184
100397- 527	185
100397- 528	186
100397- 529	187
100397- 530	188
100397- 531	189
100397- 532	190
100397- 533	191
100397- 534	192
100397- 535	193
100397- 536	194
100397- 537	195
100397- 538	196
100397- 539	197
100397- 540	198
100397- 541	199
100397- 542	200
100397- 543	201
100397- 544	202
100397- 545	203
100397- 546	204
100397- 547	205
100397- 548	206
100397- 549	207
100397- 550	208
100397- 551	209
100397- 552	210
100397- 553	211
100397- 554	212
100397- 555	213
100397- 556	214
100397- 557	215
100397- 558	216
100397- 559	217
100397- 560	218
100397- 561	219
100397- 562	220
100397- 563	221
100397- 564	222
100397- 565	223
100397- 566	224
100397- 567	225
100397- 568	226
100397- 569	227
100397- 570	228
100397- 571	229
100397- 572	230
100397- 573	231
100397- 574	232
100397- 575	233
100397- 576	234
100397- 577	235
100397- 578	236
100397- 579	237

## CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT (Building 2)  
**CONTACT:** Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY-15023

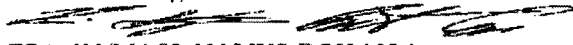
Sample No.	Comments
100397- 474	742 132
100397- 475	133
100397- 476	134
100397- 477	135
100397- 478	136
100397- 479	137
100397- 480	138
100397- 481	139 139
100397- 482	140 140
100397- 483	141
100397- 484	142
100397- 485	143
100397- 486	144
100397- 487	145
100397- 488	146
100397- 489	147 147
100397- 490	148
100397- 491	149 149
100397- 492	150 150
100397- 493	151
100397- 494	152
100397- 495	153 153
100397- 496	154 154
100397- 497	155 155
100397- 498	156 156
100397- 499	157 157
100397- 500	158 158
100397- 501	159 159
100397- 502	160 160
100397- 503	161 161
100397- 504	162 162
100397- 505	163 163
100397- 506	164 164
100397- 507	165 165
100397- 508	166 166
100397- 509	167 167
100397- 510	168 168
100397- 511	169 169
100397- 512	170 170
100397- 513	171 171
100397- 514	172 172
100397- 515	173 173
100397- 516	174 174
100397- 517	175 175
100397- 518	176 176
100397- 519	177 177
100397- 520	178 178
100397- 521	179 179
100397- 522	180
100397- 523	181
100397- 524	182



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-674	100397-675
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Layer Number

Lab ID Number	747332	747333
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Sample Location	Not Given	Not Given
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Sample Description	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation
Appearance Layered	No	No
Homogenous	Yes	Yes
Fibrous	No	No
Color	Red/Black/Green	Gray

Sample Treatment	Homogenized	None
Asbestos		
% Amosite	0.0	0.0
Content		
% Chrysotile	0.0	0.0
% Other	0.0	0.0
% Total Asbestos	0.0	0.0
Other Fibrous		
% Fibrous Glass	0.0	0.0
Materials		
% Cellulose	3.0	2.0
Present		
% Other	0.0	0.0
% Unidentified	0.0	0.0
Non-Fibrous		
% Silicates	40.0	60.0
Materials		
% Carbonates	27.0	38.0
Present		
% Other	30.0 Binders	0.0
% Unidentified	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHERA Accreditation No. 418    Rhode Island DOH No. A-1-07373    Massachusetts DOL No. A-A 000672    Connecticut DOH No. PH-0622    Maine DEP No. LA-024    Vermont DOH No. AAS-2095



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected: 10/09/97
Collected By: Antony Tseng
Date Received: 10/09/97
Date Analyzed: 10/12-16/97
Analyzed By: Kevin Stascavage/Robert Connor
Signature: [Handwritten Signature]
Analytical Method: EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851
Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Table with 5 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description. Values include 100397-670, 747328, Not Given, etc.

Table with 5 columns: Method of Quantification, Visual Estimation. Rows include Appearance (Layered, Homogenous, Fibrous, Color) and Sample Treatment (Homogenized, None).

Table with 5 columns: Asbestos Content, Other Fibrous Materials Present, Non-Fibrous Materials Present. Rows include % Amosite, % Chrysotile, % Other, % Total Asbestos, % Fibrous Glass, % Cellulose, % Other, % Unidentified, % Silicates, % Carbonates, % Other, % Unidentified.

Results Applicable To These Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing
EPA Accreditation No. 413 Rhode Island DOH No. ARI-07273 Massachusetts DOL No. A.A. 000033 Connecticut DOH No. FH-0612 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

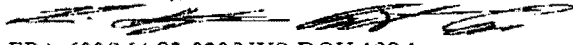




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-666	100397-667	100397-668	100397-669
Layer Number				
Lab ID Number	747324	747325	747326	747327
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	Yes	Yes	No
	Color	Gray	Brown	Brown
Sample Treatment	None	None	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	8.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	8.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	50.0	0.0	0.0
	% Cellulose	0.0	0.0	10.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	3.1	0.0
Non-Fibrous Materials Present	% Silicates	20.0	0.0	70.0
	% Carbonates	0.0	0.0	20.0
	% Other	0.0	0.0	0.0
	% Unidentified	30.0	88.9	0.0
				30.0 Binders

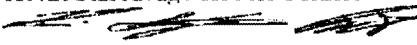
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NDB Items Tested Are Non-Asbestos Containing  
 AIAA Accreditation No. 416 Rhode Island DOH No. AAL-972T3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0611 Maine DEP No. LA-024 Vermont DOH No. AAS-2092



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. : 101646-0  
 NYS Lab No. : 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-662	100397-663	100397-664	100397-665
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Layer Number

Lab ID Number	747320	747321	747322	747323
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance Layered	No	No	No	No
Homogenous	Yes	Yes	Yes	Yes
Fibrous	Yes	No	No	No
Color	Black/Gray	Gray	Tan	Tan

Sample Treatment	None	None	None	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	2.0	2.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	68.0	90.0	40.0	40.0
% Carbonates	0.0	8.0	0.0	0.0
% Other	30.0 Binders	0.0	60.0 Binders	60.0 Binders
% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That HOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 415 | Rhode Island DOH No. AAL-072T3 | Massachusetts DOL No. A.A. 000072 | Connecticut DOH No. PH-0622 | Maine DEP No. LA-024 | Vermont DOH No. AAS-2093



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-658	100397-659	100397-660	100397-661
Layer Number				
Lab ID Number	747316	747317	747318	747319
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	No
	Fibrous	Yes	No	No
	Color	Gray/Black	Gray/Tan	Gray/Black
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	2.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	60.0	40.0	50.0
	% Carbonates	18.0	0.0	20.0
	% Other	20.0	60.0	30.0
	% Unidentified	0.0	0.0	0.0
		Binders	Binders	Binders

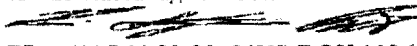
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing  
 NIA Accreditation No. 413 Rhode Island DOH No. AAL-0723 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. PAS-2032



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature:   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-654	100397-655	100397-656	100397-657
Layer Number				
Lab ID Number	747312	747313	747314	747315
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	No	No	Yes
	Color	Red/Black	Tan	Black
Sample Treatment	Homogenized	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	< 1.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	< 1.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	0.0	2.0	5.0
	% Other	0.0	0.0	0.0
	% Unidentified	1.5	0.0	0.0
Non-Fibrous Materials Present	% Silicates	0.0	98.0	50.0
	% Carbonates	0.0	0.0	15.0
	% Other	0.0	0.0	30.0 Binders
	% Unidentified	98.5	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. SAL-07273 Massachusetts DOL No. A 005072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-3095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12-16/97  
 Analyzed By : Kevin Stascavage/Robert Connor  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	100397-650	100397-651	100397-652	100397-653
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Layer Number

Lab ID Number	747308	747309	747310	747311
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance Layered		Yes	No	No	No
Homogenous		No	Yes	Yes	No
Fibrous		Yes	Yes	Yes	Yes
Color		Green/Black	Black	Tan	Gray/Black

Sample Treatment		Homogenized	None	None	Homogenized
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Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
	Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials Present	% Cellulose	2.0	0.0	10.0	2.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
	Non-Fibrous	% Silicates	38.0	95.0	50.0
Materials Present	% Carbonates	0.0	5.0	0.0	18.0
	% Other	60.0	0.0	40.0	20.0
	% Unidentified	0.0	0.0	0.0	0.0
		Binders			

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 EPA Accreditation No. 410 Rhode Island DOH No. AAS-0001 Massachusetts DOL No. A-60097 Connecticut DOH No. PH-0022 Maine DEP No. LA-024 Vermont DOH No. AAS-2695



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-646	100397-647	100397-648	100397-649
Layer Number				
Lab ID Number	747304	747305	747306	747307
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Black	Yes No No Gray/Black	No Yes Yes Black
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 < 1.0 0.0 < 1.0	0.0 0.0 0.0 0.0	0.0 1.7 0.0 1.7
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 1.5	0.0 10.0 0.0 0.0	0.0 0.0 0.0 5.3
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 98.5	90.0 0.0 0.0 0.0	0.0 0.0 0.0 93.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 415 Rhode Island DOH No. RAL-07273 Massachusetts EOL No. A.A. 000672 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 2

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12-16/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-642	100397-643	100397-644	100397-645
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Layer Number

Lab ID Number	747300	747301	747302	747303
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Stratified PC
Appearance Layered	No	No	No	Yes
Homogenous	Yes	Yes	Yes	No
Fibrous	No	Yes	Yes	Yes
Color	Gray	Black	Tan	Tan/Gray/Black

Sample Treatment	None	None	None	Homogenized
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Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	3.1	< 1.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	3.1	< 1.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0	0.0
	% Cellulose	5.0	30.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	2.1	3.5
Non-Fibrous Materials Present	% Silicates	80.0	30.0	0.0	0.0
	% Carbonates	15.0	0.0	0.0	0.0
	% Other	0.0	40.0	0.0	0.0
	% Unidentified	0.0	0.0	94.8	96.5

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 415 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-0095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number		100397-872	100397-873	100397-874	100397-875
Layer Number					
Lab ID Number		747696	747697	747698	747699
Sample Location		Not Given	Not Given	Not Given	Not Given
Sample Description		Not Given	Not Given	Not Given	Not Given
Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No	Yes
	Homogenous	Yes	Yes	Yes	No
	Fibrous	No	No	No	Yes
	Color	Rust/Gray	Gray	White	Rust/Tan/Gray
Sample Treatment		None	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	2.0	0.0	0.0	0.0
	% Cellulose	5.0	3.0	2.0	25.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	35.0	97.0	90.0	75.0
	% Carbonates	8.0	0.0	8.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	50.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 EPA Approval No. 418, PA-01-001, LDCM No. 41-0375, Maryland Dept. of the Environment, PCL No. A-00002, Connecticut EOH No. RH-0622, Maine DEP No. LA-024, Vermont DOH No. AAS-2095





# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/17-23/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage/Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-876	100397-877	100397-878	100397-879
Layer Number				
Lab ID Number	747700	747701	747702	747703
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	Yes	Yes
	Color	Beige/Gray/Black	Brown/Gray/Tan	White/Beige/Gray
				Gray

Sample Treatment	Homogenized	None	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	40.0	3.0	70.0
	% Cellulose	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	50.0	57.0	10.0
	% Carbonates	0.0	0.0	0.0
	% Other	10.0	0.0	20.0
	% Unidentified	0.0	40.0	0.0
				90.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 NY State Dept. of Health, Div. of Environmental Health Services, License No. 000077, Connecticut Dept. of Health, License No. 1A-024, Vermont Dept. of Health, License No. AAS-2095

747500

### CHAIN OF CUSTODY

747501

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 1)  
 CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
 ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
 LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

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747542

Sample No.	Comments
100397- 676	
100397- 677	
100397- 678	
100397- 679	
100397- 680	
100397- 681	
100397- 682	
100397- 683	
100397- 684	
100397- 685	
100397- 686	
100397- 687	
100397- 688	
100397- 689	
100397- 690	
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100397- 700	
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100397- 710	
100397- 711	
100397- 712	
100397- 713	
100397- 714	
100397- 715	
100397- 716	
100397- 717	
100397- 718	747543
100397- 719	
100397- 720	747544
100397- 721	
100397- 722	747545
100397- 723	747546
100397- 724	
100397- 725	747547
100397- 726	747548

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### CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 1)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466

100397- 727	
100397- 728	
100397- 729	
100397- 730	
100397- 731	
100397- 732	
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100397- 734	
100397- 735	
100397- 736	
100397- 737	
100397- 738	
100397- 739	
100397- 740	
100397- 741	
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100397- 750	
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100397- 764	
100397- 765	
100397- 766	
100397- 767	747591
100397- 768	747592
100397- 769	
100397- 770	747593
100397- 771	
100397- 772	747594
100397- 773	
100397- 774	747595
100397- 775	
100397- 776	747596
100397- 777	
100397- 778	747597
100397- 779	
100397- 780	747598
100397- 781	
	747599
	747600
	747601
	747602
	747603

**CHAIN OF CUSTODY**

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 1)  
 CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466

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100397- 800	
100397- 801	
100397- 802	
100397- 803	
100397- 804	
100397- 805	
100397- 806	
100397- 807	
100397- 808	
100397- 809	
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100397- 820	
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**CHAIN OF CUSTODY**

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PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 1)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466

100397- 837	
100397- 838	
100397- 839	
100397- 840	
100397- 841	
100397- 842	
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100397- 844	
100397- 845	
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100397- 850	
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100397- 863	
100397- 864	
100397- 865	
100397- 866	
100397- 867	
100397- 868	
100397- 869	747694
100397- 870	
100397- 871	747695
100397- 872	
100397- 873	747696
100397- 874	
100397- 875	747697
100397- 876	
100397- 877	747698
100397- 878	
100397- 879	747699
	747700
	747701
	747702
	747703

The above 204 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on October 9, 1997.

Relinquished by: *Antony Tseng* Date: 10/9/97 Time: \_\_\_\_\_

Received by: *[Signature] EAS* Date: \_\_\_\_\_ Time: \_\_\_\_\_

OCT 9 '97 13:08

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
White Plains, NY 10602

Lab #'s \_\_\_\_\_

Sample: % Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

Number of Samples: 204

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Project Name/Number: Stratford Army Engine Plant, Stratford, CT  
Building #1  
0285-655

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng  
Name (Print or Type)

[Signature] 10/9/97  
Signature Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

[Signature] 10/9/97  
Signature Date

Comments: Samples for Building #1. Please send results to Antony Tseng.

### FOR LABORATORY USE ONLY

Count Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: J. Sanchirico [Signature] OCT 9 '97 13:08  
Name (Print) Signature Date Time

Engaged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Sampled By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Released-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9706962  
Turn-Around: 2 Week  
Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 204

Sample Disposition: Standard X  
Return

No. of Samples Analyzed: 204

Client Project Number Name: RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 1

Lab ID Numbers 747500-747553, 747554-747607, 747608-747652, 747653-747703

Collected By: Antony S. Tseng  
\_\_\_\_\_  
Signature

Date: 10/09/97

Received By: Joseph P. Sanchirico  
*Joseph P. Sanchirico*

Date: 10/09/97 Time: 1308

Logged In By: Marita Prado  
*Marita Prado*

Date: 10/14/97

Prepped By: Marita Prado  
Eleonora Skulskaya  
*Marita Prado*  
*Eleonora Skulskaya*

Date: 10/15-16/97

Analyzed By: Kevin Stascavage  
Robert Connor  
*Kevin Stascavage*  
*Robert Connor*

Date: 10/17-23/97 Time: 1458

Re-Analyzed By:

Date:

Checked By: Robert Connor  
*Robert Connor*

Date: 10/23/97

Filed By: Robert Connor  
*Robert Connor*

Date: 10/23/97 Time: 2151

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASinc.com>

Fax (914) 592-8956

October 23, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 10

Dear Antony Tseng

Enclosed please find the laboratory results for the 10 bulk samples received by Eastern Analytical Services, Inc. October 09, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed October 22, 1997  
914-641-2455





**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building

10

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-880	100397-881	100397-882	100397-883
Layer Number				
Lab ID Number	746978	746979	746980	746981
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation
Appearance				
Layered	No	No	Yes	Yes
Homogenous	No	No	No	No
Fibrous	Yes	Yes	Yes	No
Color	Brown/Gray/Tan	Tan/Gray/Brown	Tan/Black	Red/White
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	48.0	2.5	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	48.0	2.5	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	45.0	0.0	0.0	2.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	10.8	19.8	0.0
Non-Fibrous Materials Present				
% Silicates	20.0	0.0	0.0	38.0
% Carbonates	0.0	0.0	0.0	35.0
% Other	35.0	0.0	0.0	25.0
% Unidentified	0.0	41.2	77.7	0.0


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 10

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/12/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-884	100397-885	100397-886	100397-887	
Layer Number					
Lab ID Number	746982	746983	746984	746985	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No No Tan/Black	No No No Beige/White/Gray	Yes No No Tan/White	No Yes No Black
Sample Treatment	Homogenized	Homogenized	Homogenized	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	0.0 2.0 0.0 0.0	0.0 5.0 0.0 0.0	10.0 35.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	65.0 35.0 0.0 0.0	98.0 0.0 0.0 0.0	95.0 0.0 0.0 0.0	55.0 0.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building

10

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/12/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-888	100397-889
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Layer Number

Lab ID Number	746986	746987
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
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Method of Quantification	Visual Estimation	Visual Estimation
Appearance Layered	No	No
Homogenous	No	No
Fibrous	Yes	No
Color	Black/White/Yellow	Gray/Black

Sample Treatment	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0	0.0
	% Chrysotile 0.0	0.0
	% Other 0.0	0.0
	% Total Asbestos 0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	0.0
	% Cellulose 2.0	0.0
	% Other 0.0	0.0
	% Unidentified 0.0	0.0
Non-Fibrous Materials Present	% Silicates 30.0	65.0
	% Carbonates 68.0	35.0
	% Other 0.0	0.0
	% Unidentified 0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 10)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
100397- 880	746 978
100397- 881	746 979
100397- 882	746 980
100397- 883	746 981
100397- 884	746 982
100397- 885	746 983
100397- 886	746 984
100397- 887	746 985
100397- 888	746 986
100397- 889	746 987

The above 10 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on October 9, 1997.

Relinquished by: *Antony Tseng* Date: 10/9/97 Time: \_\_\_\_\_

Received by: *[Signature] EAS* Date: \_\_\_\_\_ Time: 007 9:07 13:08

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
White Plains, NY 10602

Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

Analyte: o/a Asbestos

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

No. of Samples: 10

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Army Engine Plant, Stratford, CT  
Building 10  
0285-655

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng 10/4/97  
Signature Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng 10/4/97  
Signature Date

Comments: Please send results to Antony Tseng

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: J. Sanchirico [Signature] OCT 9 '97 13:08   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9706964

Turn-Around: 2 Week

Shipped Via: Walk In

State of Origin: CT

Sample Disposition: Standard x  
Return

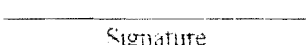
Analyte: % Asb

No. of Samples Received: 10

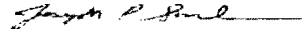
No. of Samples Analyzed: 10

Client Project Number Name: RE: CPN 6285-655 - Stratford Army Engine Plant - Stratford, CT - Building 10

Lab ID Numbers 746978-746987

Collected By: Antony Tseng  
  
Signature


Date: 10/09/97

Received By: Joseph P. Sanchirico  



Date: 10/09/97 Time: 1308

Logged In By: Scott Schmidt  

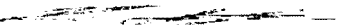

Date: 10/09/97

Prepped By: Marita Prado  



Date: 10/10/97

Analyzed By: Kevin Stascavage  


Date: 10/12/97 Time: 1437

Re-Analyzed By: Kevin Stascavage  


Date: 10/19/97

Checked By: Robert Connor  


Date: 10/22/97

Faxed By: Robert Connor  


Date: 10/22/97 Time: 2254

Logged Out By: \_\_\_\_\_ Date: \_\_\_\_\_



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

October 23, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 3

Dear Antony Tseng

Enclosed please find the laboratory results for the 23 bulk samples received by Eastern Analytical Services, Inc. October 09, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed October 22, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 3

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/15/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-890	100397-891	100397-892	100397-893
Layer Number				
Lab ID Number	746988	746989	746990	746991
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	Yes No No Gray/Black	No Yes No Tan	Yes No Yes Tan/White/Brown
Sample Treatment	Homogenized	None	None	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 2.2 0.0 2.2	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 2.2	0.0 3.0 0.0 0.0	0.0 3.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 95.6	90.0 7.0 0.0 0.0	90.0 8.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

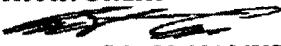




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 3

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/15/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-894	100397-895	100397-896	100397-897
Layer Number				
Lab ID Number	746992	746993	746994	746995
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	No Yes No Brown	No No Yes Tan/Brown	No Yes No Green
Sample Treatment	None	Homogenized	None	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 4.3 0.0 4.3	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 3.0 0.0 0.0	0.0 0.0 0.0 17.4	0.0 2.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	90.0 7.0 0.0 0.0	0.0 0.0 0.0 78.3	40.0 0.0 0.0 60.0

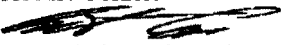
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 3

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/15/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-898	100397-899	100397-900	100397-901
Layer Number				
Lab ID Number	746996	746997	746998	746999
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered	No	No	Yes
	Homogenous	Yes	Yes	No
	Fibrous	No	No	No
	Color	White	Tan	Black/Gray
Sample Treatment	None	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	3.3
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	3.3
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	3.0	2.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	2.5
Non-Fibrous Materials Present	% Silicates	80.0	98.0	0.0
	% Carbonates	17.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	94.2
				96.0


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 3

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/15/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-902	100397-903	100397-904	100397-905
Layer Number				
Lab ID Number	747000	747001	747002	747003
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	No
	Homogenous	No	Yes	Yes
	Fibrous	No	No	Yes
	Color	Black/Gray	Black	Brown
Sample Treatment	Homogenized	None	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	1.9	< 1.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	1.9	< 1.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	0.0	0.0	5.0
	% Other	0.0	0.0	5.0 Wollastonite
	% Unidentified	1.3	2.0	0.0
Non-Fibrous Materials Present	% Silicates	0.0	0.0	95.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	96.8	98.0	0.0
				20.0 Binders


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 3

Date Collected : 10/09/97  
 Collected By : Antony Tseng  
 Date Received : 10/09/97  
 Date Analyzed : 10/15/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	100397-906	100397-907	100397-908	100397-909
Layer Number				
Lab ID Number	747004	747005	747006	747007
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Stratified PC
Appearance	Layered	No	No	Yes
	Homogenous	Yes	Yes	No
	Fibrous	No	Yes	No
	Color	Tan	Black	Red/Black
Sample Treatment	None	None	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	2.6	2.3
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	2.6	2.3
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	2.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	1.5	4.7
Non-Fibrous	% Silicates	60.0	0.0	0.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	38.0	95.9	93.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing



Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 3

Date Collected : 10/09/97
Collected By : Antony Tseng
Date Received : 10/09/97
Date Analyzed : 10/15/97
Analyzed By : Robert Connor
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Table with 4 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description, Method of Quantification, Sample Treatment, and various material percentages (Asbestos, Fibrous, Non-Fibrous).

Results Applicable To Those Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

## CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT (Building 3)  
**CONTACT:** Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY-15023

Sample No.	Comments
100397- 890	746988
100397- 891	746989
100397- 892	746990
100397- 893	746991
100397- 894	746992
100397- 895	746993
100397- 896	746994
100397- 897	746995
100397- 898	746996
100397- 899	746997
100397- 900	746998
100397- 901	746999
100397- 902	747000
100397- 903	747001
100397- 904	747002
100397- 905	747003
100397- 906	747004
100397- 907	747005
100397- 908	747006
100397- 909	747007
100397- 910	747008
100397- 911	747009
100397- 912	747010

The above 22 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on October 9, 1997.

Relinquished by: *Antony Tseng* Date: 10/9/97 Time: OCT 9 '97 13:08  
 Received by: *[Signature]* EAS Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

**EAS Client:** Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
White Plains, NY 10604

**Analyte:** % Asbestos

**No. of Samples:** 22 (23) 03

**State of Origin:** NY  CT  NJ  PA  MA   
RI  ME  VT  Other

**Client Project Name/Number:** Stratford Army Engine Plant, Stratford, CT  
Building 3  
0285-655

**Sample Disposition:** (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

**Shipped Via:** US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other  (F)  
EAS Collected \_\_\_\_\_

**Turn-Around:** 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

**Sampled By:** Antony S. Tseng [Signature] 10/19/97  
Name (Print or Type) Signature Date

**Submitted By:** Antony S. Tseng [Signature] 10/19/97  
Name (Print or Type) Signature Date

**Comments:** Please send results to Antony Tseng

**FOR LABORATORY USE ONLY**

<b>Account Number:</b> _____	<b>Project Number:</b> _____	<b>Batch Number:</b> _____	
<b>Received By:</b> <u>J. Sanchez</u> Name (Print)	<u>[Signature]</u> Signature	<u>007 9'87 13:08</u> Date	<u>13:08</u> Time
<b>Logged-In By:</b> _____	_____	_____	<input type="checkbox"/>
<b>Prepped By:</b> _____	_____	_____	<input type="checkbox"/>
<b>Prepped By:</b> _____	_____	_____	<input type="checkbox"/>
<b>Analyzed By:</b> _____	_____	_____	<input type="checkbox"/>
<b>Analyzed By:</b> _____	_____	_____	<input type="checkbox"/>
<b>Re-Analyzed By:</b> _____	_____	_____	<input type="checkbox"/>
<b>Checked By:</b> _____	_____	_____	<input type="checkbox"/>
<b>Logged-Out By:</b> _____	_____	_____	<input type="checkbox"/>

Eastern Analytical Services, Inc.  
Chain of Custody Form

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9706060

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 23

Sample Disposition: Standard X  
Return

No. of Samples Analyzed: 23

Client Project Number/Name: RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 3

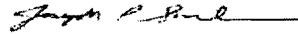
Lab ID Numbers 746988-747010

Collected By: Antony Tseng

Signature

Date: 10/09/97

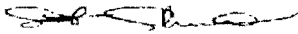
Received By: Joseph P. Sanchez



Date: 10/09/97

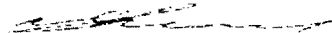
Time: 1308

Logged In By: Scott Schmidt



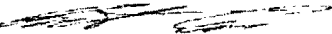
Date: 10/09/97

Prepped By: Eleonora Skulskaya



Date: 10/14/97

Analyzed By: Robert Connor



Date: 10/15/97

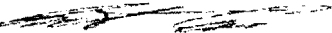
Time: 1800

Re-Analyzed By: Kevin Stuscavage



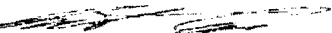
Date: 10/19/97

Checked By: Robert Connor



Date: 10/22/97

Faxed By: Robert Connor



Date: 10/22/97

Time: 2301

Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

October 23, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 12

Dear Antony Tseng

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. October 09, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed October 22, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building  
12

Date Collected :	10/09/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/09/97		Box 751
Date Analyzed :	10/15/97		White Plains, NY 10602
Analyzed By :	Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	100397-913	100397-914	100397-915	100397-916
Layer Number				
Lab ID Number	746825	746826	746827	746828
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------	-----------

Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	No	No
	Homogenous	No	Yes	Yes	No
	Fibrous	Yes	No	No	No
	Color	Tan/White	Tan/White/Brown	Yellow	Brown/Gray

Sample Treatment		Homogenized	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	2.0	0.0
	% Cellulose	2.0	0.0	3.0	2.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	98.0	60.0	90.0	50.0
	% Carbonates	0.0	40.0	5.0	48.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

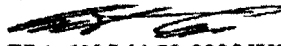
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building  
12

Date Collected : 10/09/97  
Collected By : Antony Tseng  
Date Received : 10/09/97  
Date Analyzed : 10/15/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Sample ID Number 100397-917

Layer Number

Lab ID Number 746829

Sample Location Not Given

Sample Description Not Given

Method of Quantification		Visual Estimation
Appearance	Layered	Yes
	Homogenous	No
	Fibrous	No
	Color	Gray/White/Yellow

Sample Treatment		Homogenized
Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0
Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	2.0
Present	% Other	0.0
	% Unidentified	0.0
Non-Fibrous	% Silicates	80.0
Materials	% Carbonates	18.0
Present	% Other	0.0
	% Unidentified	0.0

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

# CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT (Building 12)  
**CONTACT:** Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
100397- 913	746825
100397- 914	746826
100397- 915	746827
100397- 916	746828
100397- 917	746829

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on October 9, 1997.

Relinquished by: Antony Tseng Date: 10/9/97 Time: \_\_\_\_\_

Received by: Jerry EAS Date: \_\_\_\_\_ Time: OCT 9 '97 13:08

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
White Plains, NY 10602

Lab #'s \_\_\_\_\_

Analyte: 0% Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 week

No. of Samples: 5

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Army Engine Plant, Stratford, CT  
Building 12  
0285-655

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: (AT) Antony S. Tseng  
Name (Print or Type)

[Signature] 10/9/97  
Signature Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

[Signature] 10/9/97  
Signature Date

Comments: Please send results to Antony Tseng

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: J. Sanchez [Signature] OCT 9 '97 13:08   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Eastern Analytical Services, Inc.  
Chain of Custody Form

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9706961

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 5

Sample Disposition: Standard x  
Return

No. of Samples Analyzed: 5

Client Project Number Name: RE: CPN 0285-655 - Stratford Army Engine Plant - Stratford, CT - Building 12

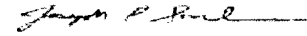
Lab ID Numbers 746825-746829

Collected By: Antony Tseng

\_\_\_\_\_  
Signature

Date: 10/09/97

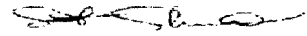
Received By: Joseph P. Sanchinco



Date: 10/09/97

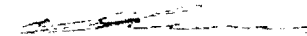
Time: 1308

Logged In By: Scott Schmidt



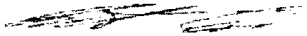
Date: 10/09/97

Prepped By: Eleonora Skulskaya



Date: 10/14/97

Analyzed By: Robert Connor



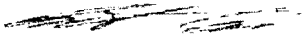
Date: 10/15/97

Time: 1513

Re-Analyzed By:

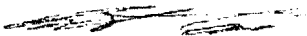
Date:

Checked By: Robert Connor



Date: 10/22/97

Filed By: Robert Connor



Date: 10/22/97

Time: 2248

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 05, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building #1

Dear Antony Tseng

Enclosed please find the laboratory results for the 10 bulk samples received by Eastern Analytical Services, Inc. October 23, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 19B.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed November 04, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building #1

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/03/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	102397-918	102397-919	102397-920	102397-921
Layer Number				
Lab ID Number	749198	749199	749200	749201
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	Yes
	Homogenous	Yes	Yes	No
	Fibrous	No	No	Yes
	Color	Gray/Black	White/Tan	Gray/Green
Sample Treatment	None	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	2.0	3.0	5.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	83.0	30.0	40.0
	% Carbonates	0.0	67.0	55.0
	% Other	15.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095






# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building #1

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/03/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	102397-922	102397-923	102397-924	102397-925
Layer Number				
Lab ID Number	749202	749203	749204	749205
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	Yes
	Homogenous	No	Yes	No
	Fibrous	Yes	No	Yes
	Color	Gray/White	Tan	Gray/Tan
Sample Treatment	Homogenized	None	None	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	35.0	0.0	0.0
	% Cellulose	25.0	5.0	2.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	25.0	40.0	78.0
	% Carbonates	0.0	55.0	20.0
	% Other	15.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested


Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building #1

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/03/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. : 101646-0  
 NYS Lab No. : 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number                      102397-926                      102397-927

**Layer Number**

Lab ID Number                              749206                              749207  
 Sample Location                            Not Given                            Not Given

Sample Description                        Not Given                        Not Given

Method of Quantification	Visual Estimation	Visual Estimation
Appearance    Layered	No	No
Homogenous	Yes	Yes
Fibrous	No	No
Color	Brown	Gray

Sample Treatment                            None                            None

Asbestos	% Amosite	0.0	0.0
Content	% Chrysotile	0.0	0.0
	% Other	0.0	0.0
	% Total Asbestos	0.0	0.0

Other Fibrous	% Fibrous Glass	0.0	0.0
Materials Present	% Cellulose	1.0	0.0
	% Other	0.0	0.0
	% Unidentified	0.0	0.0

Non-Fibrous	% Silicates	99.0	65.0
Materials Present	% Carbonates	0.0	35.0
	% Other	0.0	0.0
	% Unidentified	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418    Rhode Island DOH No. AAL-072T3    Massachusetts DOL No. A A 000072    Connecticut DOH No. PH-0622    Maine DEP No. LA-024    Vermont DOH No. AAS-2095

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

**EAS Client:** Malcolm Pirnie, Inc. **Lab #s** \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

**Analyte:** % Asbestos

**No. of Samples:** 10

**Date of Origin:** NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

**Client Project Name/Number:** 0285635 Stamford Army Base  
Plant Building 1

**Shipped Via:** US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

**Turn-Around:** 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

**Sample Disposition:** \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

**Completed By:** Antony S. Tseng [Signature] 10/23/97  
Name (Print or Type) Signature Date

**Submitted By:** Antony S. Tseng [Signature] 10/23/97  
Name (Print or Type) Signature Date

**Comments:** \_\_\_\_\_

**FOR LABORATORY USE ONLY**

**Account Number:** \_\_\_\_\_ **Project Number:** \_\_\_\_\_ **Batch Number:** \_\_\_\_\_

**Received By:** J. Sanchirico [Signature] OCT 23 '97 15:01   
Name (Print) Signature Date Time

**Logged-In By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Prepped By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Repped By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Analyzed By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Re-analyzed By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Checked By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Logged-Out By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 1)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.		Comments
102397- 918	749198	
102397- 919	749199	
102397- 920	749200	
102397- 921	749201	
102397- 922	749202	
102397- 923	749203	
102397- 924	749204	
102397- 925	749205	
102397- 926	749206	
102397- 927	749207	

The above 10 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc.  
on October 23, 1997.

Relinquished by: *Antony Tseng* Date: 10/23/97 Time: 14:45

Received by: *[Signature]* Date: 10/23/97 Time: 14:45

**Eastern Analytical Services, Inc.**  
Chain of Custody Form

EAS Client     Vialcom Pumps, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No.             9707203

Turn-Around         2 Week

Shipped Via             Walk In

Analyte:                % Asb

State of Origin         CT

No. of Samples     10  
Received:

Sample Disposition:     Standard

Return    

No. of Samples     10  
Analyzed:

Client Project       RE. CPT# 0285055 - Stratford Army Engine Plant - Building #1  
Number/Name:

Lab ID Numbers 749198-749207

Collected By:        Antony Tseng

\_\_\_\_\_  
Signature

Date: 10 23 07

Received By:          Joseph P. Sanchiric

*Joseph P. Sanchiric*

Date: 10 23 07

Time: 1401

Ignored In By:        Eleonora Skutshaya

*Eleonora Skutshaya*

Date: 10 25 07

Prepped By:          Maria Prado

*Maria Prado*

Date: 10 29 07

Analyzed By:         Kevin Stasevich

*Kevin Stasevich*

Date: 11 03 07

Time: 1401

Released By:         \_\_\_\_\_

Date: \_\_\_\_\_

Checked By:          Robert Connor

*Robert Connor*

Date: 11 04 07

Released By:          ROBERT CONNOR

*Robert Connor*

Date: 11 04 07

Time: 1450

Reapproved By:       Joseph P. Sanchiric

*Joseph P. Sanchiric*

Date: 10 26 07



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 05, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285-655 - Stratford Army Engine Plant - Building #2

Dear Antony Tseng

Enclosed please find the laboratory results for the 14 bulk samples received by Eastern Analytical Services, Inc. October 23, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

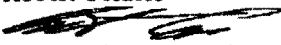
Faxed November 04, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Building #2

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/04/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	102397-928	102397-929	102397-930	102397-931	
Layer Number					
Lab ID Number	749537	749538	749539	749540	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered	Yes	Yes	No	Yes
	Homogenous	No	No	Yes	No
	Fibrous	Yes	No	No	Yes
	Color	White/Gray/Brown	White/Gray	Gray	White/Gray
Sample Treatment	Homogenized	Homogenized	None	Homogenized	
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	35.0	0.0	0.0	40.0
	% Cellulose	15.0	0.0	0.0	10.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	45.0	70.0	85.0	30.0
	% Carbonates	0.0	30.0	15.0	10.0
	% Other	5.0 Perlite	0.0	0.0	10.0 Perlite
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

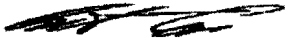
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Building #2

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/04/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	102397-932	102397-933	102397-948	102397-949
<b>Layer Number</b>				
Lab ID Number	749541	749542	749543	749544
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
<b>Method of Quantification</b>	<b>Visual Estimation</b>	<b>Visual Estimation</b>	<b>Visual Estimation</b>	<b>Visual Estimation</b>
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	Yes	Yes	No
	Color	White/Gray/Brown	Gray/Rust	Tan
<b>Sample Treatment</b>	<b>Homogenized</b>	<b>Homogenized</b>	<b>None</b>	<b>Homogenized</b>
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	35.0	0.0	2.0
Materials	% Cellulose	25.0	2.0	3.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	30.0	58.0	90.0
Materials	% Carbonates	0.0	0.0	5.0
Present	% Other	10.0 Perlite	40.0 Binders	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AJHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. AA 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095






# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Building #2

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/04/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	102397-950	102397-951	102397-952	102397-953
Layer Number				
Lab ID Number	749545	749546	749547	749548
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Black/Gray	Yes No Yes Tan/Gray	No Yes Yes Brown/Black
Sample Treatment	None	Homogenized	Homogenized	None
Asbestos Content	% Amosite 0.0 % Chrysotile 0.0 % Other 0.0 % Total Asbestos 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 25.1 0.0 25.1
Other Fibrous Materials Present	% Fibrous Glass 2.0 % Cellulose 3.0 % Other 0.0 % Unidentified 0.0	0.0 25.0 0.0 0.0	0.0 3.0 0.0 0.0	0.0 0.0 0.0 1.6
Non-Fibrous Materials Present	% Silicates 45.0 % Carbonates 20.0 % Other 30.0 % Unidentified 0.0	60.0 15.0 0.0 0.0	50.0 47.0 0.0 0.0	0.0 0.0 0.0 73.3

Results Applicable To Those Items Tested

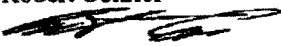
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Building #2

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/04/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number                      102397-954                      102397-955

**Layer Number**

Lab ID Number                      749549                      749550  
 Sample Location                      Not Given                      Not Given

Sample Description                      Not Given                      Not Given

Method of Quantification	Visual Estimation	Visual Estimation
Appearance Layered	Yes	No
Homogenous	No	Yes
Fibrous	No	Yes
Color	White/Gray/Black	Black/Brown

Sample Treatment	Homogenized	None
Asbestos		
% Amosite	0.0	0.0
Content		
% Chrysotile	0.0	0.0
% Other	0.0	0.0
% Total Asbestos	0.0	0.0
Other Fibrous		
Materials		
% Fibrous Glass	0.0	0.0
% Cellulose	2.0	2.0
Present		
% Other	0.0	0.0
% Unidentified	0.0	0.0
Non-Fibrous		
Materials		
% Silicates	40.0	68.0
% Carbonates	38.0	0.0
Present		
% Other	20.0 Binders	30.0 Binders
% Unidentified	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No 418 Rhode Island DOH No AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Malcolm Pirnie, Inc. Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Analyte: % Asbestos

No. of Samples: 14

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285-655 Stratford Army Engine Plant Building 2

Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

Sampled By: Antony Tseng Antony Tseng 10/23/97  
Name (Print or Type) Signature Date

Submitted By: Antony Tseng Antony Tseng 10/23/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: J. Sanchirico J.P. [Signature] OCT 23 '97 15:01   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

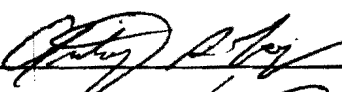

Logged-Out By: \_\_\_\_\_

# CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT (Building 2)  
**CONTACT:** Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments	
102397- 928		749537
102397- 929		749538
102397- 930		749539
102397- 931		749540
102397- 932		749541
102397- 933		749542
<b>Note: Samples 934-947 are not part of this chain of custody</b>		
102397- 948		749543
102397- 949		749544
102397- 950		749545
102397- 951		749546
102397- 952		749547
102397- 953		749548
102397- 954		749549
102397- 955		749550

The above 14 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on October 23, 1997.

Relinquished by:  Date: 10/23/97 Time: 1449  
 Received by:  Date: 10/23/97 Time: 1449

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Batch No 9707204

Turn-Around: 2 Week

Shipped Via. Walk in

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 14

Sample Disposition: Standard

Return

No. of Samples Analyzed: 14

Client Project Number/Name: RE. CPN 0185-655 - Stratford Army Engine Plant - Building #2

Lab ID Numbers 749537-749542, 749543-749550

Requested By: Anthony Tsang \_\_\_\_\_  
 Signature

Date: 10/23/07

Received By: Joseph P. Senechere *Joseph P. Senechere*

Date: 10/23/07

Time: 1501

Logged In By: Marita Prado *Marita Prado*

Date: 10/29/07

Prepped By: Marita Prado *Marita Prado*

Date: 10/29/07

Analyzed By: Rebecca Connor *Rebecca Connor*

Date: 11/04/07

Time: 1417

Re-Analyzed By: \_\_\_\_\_ Date: \_\_\_\_\_

Checked By: Kevin Suscavage *Kevin Suscavage*

Date: 11/04/07

Released By: Kevin Suscavage *Kevin Suscavage*

Date: 11/04/07

Time: 2215

Repreped By: Joseph P. Senechere *Joseph P. Senechere*

Date: 10/26/07



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 05, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285-655 - Stratford Army Engine Plant - Building #3

Dear Antony Tseng

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. October 23, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager


KS:om

Enclosures

Faxed November 04, 1997  
914-641-2455

**Bulk Sample Results**

RE: CPN 0285-655 - Stratford Army Engine Plant - Building #3

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/03/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	102397-934	102397-935	102397-936	102397-937	
<b>Layer Number</b>					
Lab ID Number	749551	749552	749553	749554	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
<b>Method of Quantification</b>	<b>Stratified PC</b>	<b>Stratified PC</b>	<b>Visual Estimation</b>	<b>Visual Estimation</b>	
Appearance	Layered	Yes	No	Yes	No
	Homogenous	No	Yes	No	Yes
	Fibrous	No	Yes	Yes	Yes
	Color	White/Black/Rust	Black	White/Brown/Gray	Gray/Tan
<b>Sample Treatment</b>	<b>Homogenized</b>	<b>None</b>	<b>Homogenized</b>	<b>None</b>	
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	2.3	1.5	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	2.3	1.5	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	15.0	40.0
Materials	% Cellulose	0.0	0.0	35.0	0.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	1.5	< 1.0	0.0	0.0
Non-Fibrous	% Silicates	0.0	0.0	30.0	35.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	0.0	0.0	20.0	25.0
	% Unidentified	96.2	98.5	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

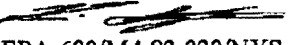
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285-655 - Stratford Army Engine Plant - Building #3

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/03/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 102397-938

Layer Number

Lab ID Number 749555

Sample Location Not Given

Sample Description Not Given

Method of Quantification Stratified PC

Appearance	Layered	Yes
	Homogenous	No
	Fibrous	Yes
	Color	Tan/Brown/Black

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	27.5
	% Other	0.0
	% Total Asbestos	27.5

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
Present	% Other	0.0
	% Unidentified	5.3

Non-Fibrous	% Silicates	0.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	67.2

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client:

Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
White Plains, NY 10602

Lab #'s \_\_\_\_\_

Analyte:

% Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

No. of Samples:

5 (MP)

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin:

NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number:

0285-655 Stratford Army Engine Plant Building 3

Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By:

Antony S. Tseng  
Name (Print or Type)

[Signature]  
Signature

10/23/97  
Date

Submitted By:

Antony S. Tseng  
Name (Print or Type)

[Signature]  
Signature

10/23/97  
Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number: \_\_\_\_\_

Project Number: \_\_\_\_\_

Batch Number: \_\_\_\_\_

Received By:

J. Sanchino  
Name (Print)

[Signature]  
Signature

OCT 23 '97 15:01  
Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 3)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	749551	Comments
102397- 934	749552	
102397- 935		
102397- 936	749553	
102397- 937	749554	
102397- 938	749555	

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on October 9, 1997.

Relinquished by: [Signature] Date: 10/23/97 Time: 14:45

Received by: [Signature] Date: 10/23/97 Time: 14:45

5 Samples only.  
MP/10/29/97

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707205

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 5

Sample Disposition: Standard

Return: 0

No. of Samples Analyzed: 5

Client Project Number Name: REL. CPN 0285-655 - Stratford Army Engine Plant - Building #3

Lab ID Numbers 749551-749555

Collected By: Antony Tseng  
\_\_\_\_\_  
Signature

Date: 10/23/97

Received By: Joseph P. Sanchirico  
*Joseph P. Sanchirico*

Date: 10/23/97

Time: 1501

Logged In By: Marita Prado  
*Marita Prado*

Date: 10/26/97

Stamped By: Marita Prado  
*Marita Prado*

Date: 10/29/97

Sampled By: Kevin Stascavage  
*Kevin Stascavage*

Date: 11/03/97

Time: 1914

Prepared By: \_\_\_\_\_  
Date: \_\_\_\_\_

Checked By: Kevin Stascavage  
*Kevin Stascavage*

Date: 11/03/97

Released By: Kevin Stascavage  
*Kevin Stascavage*

Date: 11/04/97

Time: 2216

Shipped Out By: Joseph P. Sanchirico  
*Joseph P. Sanchirico*

Date: 10/29/97



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASinc.com>

Fax (914) 592-8956

November 05, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building #6

Dear Antony Tseng

Enclosed please find the laboratory results for the 4 bulk samples received by Eastern Analytical Services, Inc. October 23, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed November 04, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building #6

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/03/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	102397-939	102397-940	102397-941	102397-942
Layer Number				
Lab ID Number	749556	749557	749558	749559
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes Yes Rust/Black	No Yes Yes Blue	No Yes No Black
Sample Treatment	None	None	None	None
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 2.0 0.0 2.0	0.0 0.0 0.0 0.0	0.0 1.8 0.0 1.8
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 1.3	10.0 0.0 20.0 0.0	0.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	0.0 0.0 0.0 96.7	15.0 55.0 0.0 0.0	0.0 0.0 0.0 98.2

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Malcolm Pirnie, Inc. Lab #s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

Sample Type: % Asbestos

Number of Samples: 4 (RP)

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Project Name/Number: 0285655 Stanford Army Engine Plant Building 6

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Prepared By: Antony S. Tseng Antony S. Tseng 10/23/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 10/23/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Count Number:	Project Number:	Batch Number:		
Received By: <u>J. Sanchez</u>	<u>[Signature]</u>	<u>OCT 23 '97</u>	<u>15:01</u>	<input type="checkbox"/>
Named-In By: _____	_____	_____	_____	<input type="checkbox"/>
Prepared By: _____	_____	_____	_____	<input type="checkbox"/>
Shipped By: _____	_____	_____	_____	<input type="checkbox"/>
Analyzed By: _____	_____	_____	_____	<input type="checkbox"/>
Checked By: _____	_____	_____	_____	<input type="checkbox"/>
Released-Out By: _____	_____	_____	_____	<input type="checkbox"/>

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 6)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.		Comments
102397- 939	749556	
102397- 940	749557	
102397- 941	749558	
102397- 942	749559	

\* 4  
The above 6 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on October 9, 1997.

Relinquished by: *Antony Tseng* Date: 10/23/97 Time: 14:45

Received by: *[Signature]* Date: 10/23/97 Time: 14:45

\* 4 Samples only  
MP/10-29-97

Eastern Analytical Services, Inc.  
Chain of Custody Form

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707206  
Turn-Around: 2 Week  
Shipped Via: Wall. In  
State of Origin: CT  
Sample Disposition: Standard  
Return: X

Analyte: % Asb

No. of Samples Received: 1

No. of Samples Analyzed: 4

Client Project Number/Name: RL CPN 0285655 - Stratford Army Engine Plant - Building #0

Lab ID Numbers 749556-749559

Collected By: Antony Tseng

\_\_\_\_\_  
Signature

Date: 10-23-97

Received By: Joseph P. Sanchirico

*Joseph P. Sanchirico*

Date: 10-23-97 Time: 1501

Logged In By: Marita Prado

*Marita Prado*

Date: 10-29-97

Checked By: Marita Prado

*Marita Prado*

Date: 10-29-97

Analyzed By: Kevin Stascavage

*Kevin Stascavage*

Date: 11-03-97 Time: 1617

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage

*Kevin Stascavage*

Date: 11-04-97

Indexed By: Kevin Stascavage

*Kevin Stascavage*

Date: 11-04-97 Time: 2216

Logged Out By: Joseph P. Sanchirico

*Joseph P. Sanchirico*

Date: 10-30-97





# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 05, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building #6A

Dear Antony Tseng

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. October 23, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 04, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building #6A

Date Collected :	10/23/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/23/97		Box 751
Date Analyzed :	11/03/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	102397-943	102397-944
Layer Number		
Lab ID Number	749209	749210
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Stratified PC	Visual Estimation
Appearance	Layered	Yes
	Homogenous	No
	Fibrous	Yes
	Color	No
		Gray/Black
		Gray

Sample Treatment	Homogenized	None
Asbestos Content	% Amosite	0.0
	% Chrysotile	1.8
	% Other	0.0
	% Total Asbestos	1.8
Other Fibrous Materials Present	% Fibrous Glass	0.0
	% Cellulose	0.0
	% Other	0.0
	% Unidentified	15.8
Non-Fibrous Materials Present	% Silicates	0.0
	% Carbonates	0.0
	% Other	0.0
	% Unidentified	82.4

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 00072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

AS Client:

Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
White Plains, NY 10602

Lab #'s \_\_\_\_\_

analyte:

1/2 Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

No. of Samples:

2

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin:

NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number:

0285655 <sup>Stratford Army Base</sup>  
Plant Building 6A

Sample Disposition: (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By:

Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng  
Signature

10/23/97  
Date

Submitted By:

Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng  
Signature

10/23/97  
Date

Comments:

\_\_\_\_\_  
\_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number:	Project Number:	Batch Number:		
<u>J. Sanchez</u> Name (Print)	<u>[Signature]</u> Signature	<u>OCT 23 1997</u> Date	<u>15:01</u> Time	<input type="checkbox"/>
Logged-In By:	_____	_____	_____	<input type="checkbox"/>
Prepped By:	_____	_____	_____	<input type="checkbox"/>
Repped By:	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	<input type="checkbox"/>
Re-analyzed By:	_____	_____	_____	<input type="checkbox"/>
Re-checked By:	_____	_____	_____	<input type="checkbox"/>
Logged-Out By:	_____	_____	_____	<input type="checkbox"/>

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 6A)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
102397- 943	749209
102397- 944	749210

The above 2 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc.  
on October 9, 1997.

Relinquished by: *Antony Tseng* Date: 10/23/97 Time: 14:42

Received by: *[Signature]* Date: 10/23/97 Time: 14:45

Eastern Analytical Services, Inc.  
Chain of Custody Form

EAS Client: Malcolm Pirnie, Inc.  
10-J Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707207

Turn-Around: 2 Week

Shipped Via: Walk In

State of Origin: CT

Sample Disposition: Standard

Analyte: % Asb

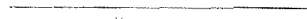
No. of Samples Received: 2

No. of Samples Analyzed: 2

Client Project Number Name: RE: CPN 0285655 - Stratford Army Engine Plant - Building #6A

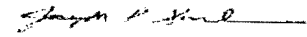
Lab ID Numbers 749209-749210

Collected By: Antony Tseng

  
Signature

Date: 10 23 97

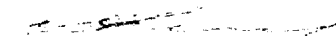
Received By: Joseph P. Sarchino



Date: 10 23 97

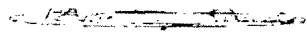
Time: 1501

Logged In By: Eleonore Shulskaya



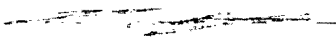
Date: 10 25 97

Prepped By: Maria Prado



Date: 10 28 97

Analyzed By: Kevin Stascavage



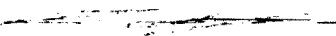
Date: 11 03 97

Time: 1852

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage



Date: 11 04 97

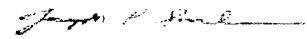
Examined By: Kevin Stascavage



Date: 11 04 97

Time: 2217

Logged Out By: Joseph P. Sarchino



Date: 10 26 97



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 05, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building #53A

Dear Antony Tseng

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. October 23, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

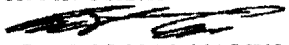
Faxed November 04, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building #53A

Date Collected : 10/23/97  
 Collected By : Antony Tseng  
 Date Received : 10/23/97  
 Date Analyzed : 11/04/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	102397-945	102397-946
------------------	------------	------------

Layer Number

Lab ID Number	749211	749212
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Stratified PC	Visual Estimation
--------------------------	---------------	-------------------

Appearance	Layered	No	No
	Homogenous	No	Yes
	Fibrous	Yes	Yes
	Color	Tan/Brown	Tan

Sample Treatment	Homogenized	None
------------------	-------------	------

Asbestos	% Amosite	0.0	0.0
Content	% Chrysotile	45.9	0.0
	% Other	0.0	0.0
	% Total Asbestos	45.9	0.0

Other Fibrous	% Fibrous Glass	0.0	0.0
Materials	% Cellulose	0.0	40.0
Present	% Other	0.0	0.0
	% Unidentified	6.8	0.0

Non-Fibrous	% Silicates	0.0	60.0
Materials	% Carbonates	0.0	0.0
Present	% Other	0.0	0.0
	% Unidentified	47.3	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That MOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Malcolm Pirnie, Inc. Lab #s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other Weeks

Sample Type: 10 Asbestos

Number of Samples: 2

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Project Name/Number: 0285635 Stamford Army Base Plant Building 53A Sample Disposition \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)  
Antony S. Tseng Antony S. Tseng 10/23/97  
Name (Print or Type) Signature Date  
Antony S. Tseng Antony S. Tseng 10/23/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Count Number:	Project Number:	Batch Number:		
<u>J. Sanchino</u>	<u>[Signature]</u>	<u>1E-01</u>	<u>00723'97</u>	<input type="checkbox"/>
Name (Print)	Signature	Date	Time	
Received-In By:				<input type="checkbox"/>
Prepared By:				<input type="checkbox"/>
Checked By:				<input type="checkbox"/>
Analyzed By:				<input type="checkbox"/>
Re-analyzed By:				<input type="checkbox"/>
Released By:				<input type="checkbox"/>
Shipped-Out By:				<input type="checkbox"/>



# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 53A - Small Portable Office  
Outside of Bldg 53)  
CONTACT: Antony Tseng, Malcolm Pimle, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.		Comments
102397- 945	749211	
102397- 946	749212	

The above 2 samples were sent by Malcolm Pimle, Inc. to Eastern Analytical Services, Inc.  
on October 9, 1997.

Relinquished by: *Antony Tseng* Date: 10/23/97 Time: 14:45

Received by: *[Signature]* Date: 10/23/97 Time: 14:45

**Eastern Analytical Services, Inc.**  
Chain of Custody Form

EAS Client: Malcolm Pirnie, Inc.  
101 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9507209

Turn-Around: 2 Week

Shipped Via: Walk in

State of Origin: CT

Sample Description: standard

Return: 1

Analyte: % Asb


No. of Samples Received: 2

No. of Samples Analyzed: 2

Client Project Number Name: RE: CFN 0285655 - Stratford Army Engine Plant - Building #551

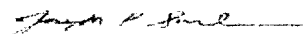
Lab ID Numbers: 749211-749212

Collected By: Joseph Tsouli

  
Signature

Date: 10-23-97

Received By: Joseph P. Sanchirico



Date: 10-23-97

Title: 1591

Logged In By: Eleonora Shutshtaya



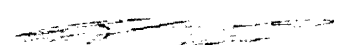
Date: 10-25-97

Prepped By: Maria Prado



Date: 10-28-97

Analyzed By: Robert Turner



Date: 11-01-97

Title: 1752

Re-analyzed By:

Date:

Shipped By: Kevin Stoscavage



Date: 11-01-97

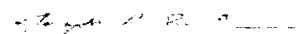
Traced By: Kevin Stoscavage



Date: 11-04-97

Title: 2278

Logged Out By: Joseph P. Sanchirico



Date: 11-01-97



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 05, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building #44A

Dear Antony Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. October 23, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

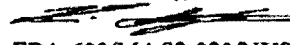
KS:om

Enclosures

Faxed November 04, 1997  
914-641-2455

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building #44A

Date Collected :	10/23/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	10/23/97		Box 751
Date Analyzed :	11/03/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number 102397-947

Layer Number

Lab ID Number 749208

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	No
	Homogenous	Yes
	Fibrous	No
	Color	Gray

Sample Treatment None

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	3.0
Materials	% Cellulose	45.0
Present	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	52.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AJHA Accreditation No. 418 Rhode Island DOH No. AAL-077T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Malcolm Pirnie, Inc. Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Analyte: % Asbestos

No. of Samples: 1

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Base  
Plant Building 44A

Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Sampled By: Antony S. Tseng Antony S. Tseng 10/23/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 10/23/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number: _____	Project Number: _____	Batch Number: _____
Received By: <u>J. Sanchirico</u> Name (Print)	<u>[Signature]</u> Signature	<u>OCT 23 '97 15:01</u> Date Time
Logged-In By: _____	_____	_____ <input type="checkbox"/>
Prepped By: _____	_____	_____ <input type="checkbox"/>
Prepped By: _____	_____	_____ <input type="checkbox"/>
Analyzed By: _____	_____	_____ <input type="checkbox"/>
Analyzed By: _____	_____	_____ <input type="checkbox"/>
Re-Analyzed By: _____	_____	_____ <input type="checkbox"/>
Checked By: _____	_____	_____ <input type="checkbox"/>
Logged-Out By: _____	_____	_____ <input type="checkbox"/>

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 44A - Outdoor tank area  
between Bldgs 44 & 48)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
102397- 947	749208

The above 1 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc.  
on October 23, 1997.

Relinquished by: *Antony Tseng* Date: 10/23/97 Time: 14:45

Received by: *[Signature]* Date: 10/23/97 Time: 14:45

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707208

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples: 1  
Received:

Sample Disposition: Standard

Return: X

No. of Samples: 1  
Analyzed:

Client Project Number Name: RE: CPN 0285655 - Stratford Army Engine Plant - Building #44A

Lab ID Numbers: 749208

Collected By: Antony Tseng

\_\_\_\_\_  
Signature

Date: 10-23-97

Received By: Joseph P. Sanchirico

*Joseph P. Sanchirico*

Date: 10-23-97

Time: 1501

Logged In By: Eleonora Skulskaya

*Eleonora Skulskaya*

Date: 10-25-97

Prepped By: Manta Prado

*Manta Prado*

Date: 10-28-97

Analyzed By: Kevin Stascavage

*Kevin Stascavage*

Date: 11-03-97

Time: 1845

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage

*Kevin Stascavage*

Date: 11-04-97

Fluxed By: Kevin Stascavage

*Kevin Stascavage*

Date: 11-04-97

Time: 2217

Logged Out By: Joseph T. Sanchirico

*Joseph T. Sanchirico*

Date: 11-30-97



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3A

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 10 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 13, 1997  
914-641-2455

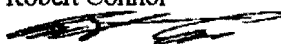




# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3A

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/12/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-956	110497-957	110497-958	110497-959
Layer Number				
Lab ID Number	751045	751046	751047	751048
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Stratified PC	Stratified PC
Appearance				
Layered	No	No	No	No
Homogenous	Yes	Yes	Yes	Yes
Fibrous	No	No	No	Yes
Color	Gray/White	Black	Gray	Black
Sample Treatment	None	None	None	None
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	< 1.0	1.8	2.2	4.7
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	< 1.0	1.8	2.2	4.7
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	6.3	2.8	1.3	1.4
Non-Fibrous Materials Present				
% Silicates	0.0	0.0	0.0	0.0
% Carbonates	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	93.7	95.4	96.5	93.9

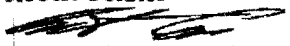
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 418 Rhode Island DOH No. A-61-07773 Massachusetts DOI No. A-060072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3A

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/12/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-960	110497-961	110497-962	110497-963
Layer Number				
Lab ID Number	751049	751050	751051	751052
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Stratified PC	Stratified PC
Appearance	Layered Homogenous Fibrous Color	No Yes No Gray	No Yes No Gray/Black	No Yes Yes Black
Sample Treatment	None	None	None	None
Asbestos Content	% Amosite 0.0 % Chrysotile 2.0 % Other 0.0 % Total Asbestos 2.0	0.0 0.0 0.0 0.0	0.0 2.7 0.0 2.7	0.0 2.3 0.0 2.3
Other Fibrous Materials Present	% Fibrous Glass 0.0 % Cellulose 0.0 % Other 0.0 % Unidentified 2.4	0.0 0.0 0.0 0.0	0.0 0.0 0.0 1.3	0.0 0.0 0.0 1.3
Non-Fibrous Materials Present	% Silicates 0.0 % Carbonates 0.0 % Other 0.0 % Unidentified 95.6	25.0 0.0 75.0 0.0	0.0 0.0 75.0 Binders 96.0	0.0 0.0 0.0 96.4

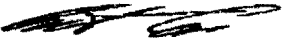
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. A18 Rhode Island DOH No. AAL-0773 Massachusetts DOI No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3A

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/12/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-964	110497-965
Layer Number		
Lab ID Number	751053	751054
Sample Location	Not Given	Not Given
Sample Description	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC
Appearance		
Layered	No	No
Homogenous	Yes	Yes
Fibrous	No	No
Color	Tan	Black
Sample Treatment	None	None
Asbestos Content		
% Amosite	0.0	0.0
% Chrysotile	3.2	5.4
% Other	0.0	0.0
% Total Asbestos	3.2	5.4
Other Fibrous Materials Present		
% Fibrous Glass	0.0	0.0
% Cellulose	0.0	0.0
% Other	0.0	0.0
% Unidentified	2.9	2.3
Non-Fibrous Materials Present		
% Silicates	0.0	0.0
% Carbonates	0.0	0.0
% Other	0.0	0.0
% Unidentified	93.9	92.3

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AHA Accreditation No. 418 Rhode Island DOH No. AAL-077C3 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT (Building 3A)  
**CONTACT:** Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments	
110497- 956		751045
110497- 957		751046
110497- 958		751047
110497- 959		751048
110497- 960		751049
110497- 961		751050
110497- 962	Could not separate mastic from tile. If possible, please separate.	751051
110497- 963	Report tile as sample #962 and mastic as sample #963	751052
110497- 964	Could not separate mastic from tile. If possible, please separate.	751053
110497- 965	Report tile as sample #964 and mastic as sample #965	751054

The above 8 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:03

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos

No. of Samples: 8 (2 samples to be separated)

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford CT  
Bldg 3A

Sample Disposition \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2 weeks

Shipped Via: US Mail \_\_\_\_\_ Walk In   
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

Sampled By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: NOV 4 '97 2003

Received By: S. Shunt [Signature] \_\_\_\_\_  
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707429

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 10  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 10  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 3A  
Number/Name:

Lab ID Numbers 751045-751054

Collected By: Antony S. Tseng

Date: 11/04/97

\_\_\_\_\_  
Signature

Received By: Scott Schmidt  
Paul Stascavage

Date: 11/04/97 Time: 1936


Logged In By: Scott Schmidt

Date: 11/06/97



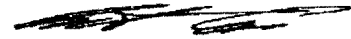
Prepped By: Marita Prado

Date: 11/07/97



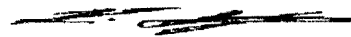
Analyzed By: Robert Connor

Date: 11/12/97 Time: 1531



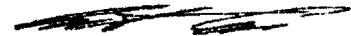
Re-Analyzed By: Kevin Stascavage

Date: 11/16/97



Checked By: Robert Connor

Date: 11/13/97



Faxed By: Robert Connor

Date: 11/13/97 Time: 2303



Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 63

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 4 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 13, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 63

Date Collected :	11/04/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	11/04/97		Box 751
Date Analyzed :	11/12/97		White Plains, NY 10602
Analyzed By :	Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	110497-966	110497-967	110497-968	110497-969
Layer Number				
Lab ID Number	751055	751056	751057	751058
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Stratified PC	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	No	No
	Color	Blue/Gray	Creme/Gray	Gray
Sample Treatment	Homogenized	Homogenized	None	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	10.3	6.5	< 1.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	10.3	6.5	< 1.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0
Materials	% Cellulose	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	1.5	2.3	1.5
Non-Fibrous	% Silicates	0.0	0.0	0.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	88.2	91.2	98.5
				60.0
				27.0
				10.0
				0.0
				Binders

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 416 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 63)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments	
110497- 966		751055
110497- 967		751056
110497- 968		751057
110497- 969	Do not analyze is 110497-968 is positive	751058

The above 4 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:03

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

Analyte: % Asbestos

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

No. of Samples: 4

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Bldg 63

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng 11/4/97  
Signature Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng 11/4/97  
Signature Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By:	<u>S. Shmidt</u> Name (Print)	<u>[Signature]</u> Signature	<u>NOV 4 '97 20:03</u> Date	<u>20:03</u> Time	<input type="checkbox"/>
Logged-In By:	_____	_____	_____	_____	<input type="checkbox"/>
Prepped By:	_____	_____	_____	_____	<input type="checkbox"/>
Checked By:	_____	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Re-analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Released By:	_____	_____	_____	_____	<input type="checkbox"/>
Shipped-Out By:	_____	_____	_____	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707430  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 4  
Received:

No. of Samples 4  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 63  
Number/Name:

Lab ID Numbers 751055-751058

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage


Date: 11/04/97 Time: 1936

Logged In By: Scott Schmidt



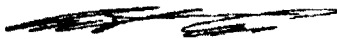
Date: 11/06/97

Prepped By: Marita Prado



Date: 11/07/97

Analyzed By: Robert Connor

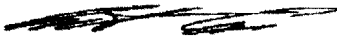


Date: 11/12/97 Time: 1603

Re-Analyzed By:

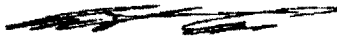
Date:

Checked By: Robert Connor



Date: 11/13/97

Faxed By: Robert Connor



Date: 11/13/97 Time: 2318

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 18, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 13 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

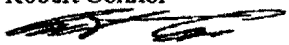
Faxed November 17, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-970	110497-971	110497-972	110497-973	
Layer Number					
Lab ID Number	751059	751060	751061	751062	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No Yes Silver/Gray	No Yes No Gray	Yes No No White/Brown	No Yes No White
Sample Treatment	Homogenized	None	Homogenized	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 3.9 0.0 3.9	0.0 2.2 0.0 2.2	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	10.0 30.0 0.0 0.0	0.0 0.0 0.0 2.9	0.0 0.0 0.0 2.5	2.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	40.0 0.0 0.0 20.0	0.0 0.0 0.0 93.2	0.0 0.0 0.0 95.3	60.0 38.0 0.0 0.0


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A.A.000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-974	110497-975	110497-978	110497-980	
Layer Number					
Lab ID Number	751063	751064	751065	751066	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC	
Appearance	Layered Homogenous Fibrous Color	Yes No Yes Red/Brown	Yes No No Gray/Brown	No Yes Yes Black	Yes No Yes White/Black
Sample Treatment	Homogenized	Homogenized	None	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 11.7 0.0 11.7
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 2.0 0.0 0.0	0.0 0.0 0.0 4.2
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	10.0 0.0 0.0 90.0	60.0 0.0 0.0 40.0	28.0 0.0 70.0 0.0	0.0 0.0 0.0 84.1

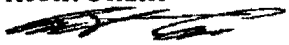
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-982	110497-976	110497-977	110497-979
Layer Number				
Lab ID Number	751067	751994	751905	751996
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	No	Yes	No
	Color	Blue/Gray	Gray/Green/Brown	Blue/Gray/Brown
				Brown/Gray/Beige
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	4.3	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	4.3	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	2.0
	% Cellulose	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	1.6	0.0	0.0
Non-Fibrous Materials Present	% Silicates	0.0	20.0	58.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	94.1	80.0	40.0

Results Applicable To Those Items Tested

Labonly Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

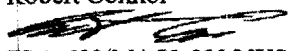
AIHA Accreditation No 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-981

Layer Number

Lab ID Number 751997

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	Yes
	Homogenous	No
	Fibrous	Yes
	Color	Gray/Red/Beige

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials Present	% Cellulose	3.0
	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	60.0
Materials Present	% Carbonates	17.0
	% Other	0.0
	% Unidentified	20.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 ALHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A.A.000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095



# CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT (Building 6)  
**CONTACT:** Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments	
110497- 970		751059
110497- 971		751060
110497- 972		751061
110497- 973		751062
110497- 974		751063
110497- 975		751064
110497- 976 ✓	Do not analyze if 110497-975 is positive	751994
110497- 977 ✓	Do not analyze if 110497-976 is positive	751995
110497- 978		751065
110497- 979 ✓	Do not analyze if 110497-978 is positive	751996
110497- 980		751066
110497- 981 ✓	Do not analyze if 110497-977 is positive	751997
110497- 982		751067
110497- 983	Do not analyze if 110497-971 is positive	
<b>Note: Samples 984 through 989 are not part of this Chain of Custody</b>		
110497- 990	Do not analyze if 110497-983 is positive	

The above 15 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936  
 Received by: *[Signature]* Date: 11/4/97 Time: 1936

NCU 4'97 20:03

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Analyte: % Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

No. of Samples: 15

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Bldg 6

Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: Antony S. Tseng  
Name (Print or Type)

[Signature] 11/4/97  
Signature Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

[Signature] 11/4/97  
Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

NOV 4 '97 20:03

	Name (Print)	Signature	Date	Time	
Received By:	<u>S. Shurt</u>	<u>[Signature]</u>			<input type="checkbox"/>
Logged-In By:	_____	_____	_____	_____	<input type="checkbox"/>
Prepped By:	_____	_____	_____	_____	<input type="checkbox"/>
Shipped By:	_____	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Re-analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Checked By:	_____	_____	_____	_____	<input type="checkbox"/>
Shipped-Out By:	_____	_____	_____	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707431  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 15  
Received:

No. of Samples 13  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 6  
Number/Name:

Lab ID Numbers 751059-751064;751065;751066;751067;751994-751995;751996;751997

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature



Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage

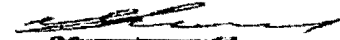


Date: 11/04/97 Time: 1936

Logged In By: Scott Schmidt  
Marita Prado

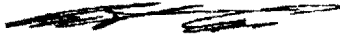
Date: 11/06-14/97

Prepped By: Eleonora Skulskaya  
Marita Prado


Date: 11/08-14/97

Analyzed By: Robert Connor



Date: 11/13/97 Time: 1424

Re-Analyzed By: Kevin Stascavage



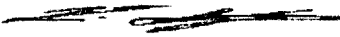
Date: 11/16/97

Checked By: Kevin Stascavage



Date: 11/17/97

Faxed By: Kevin Stascavage



Date: 11/17/97 Time: 1831

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6A

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

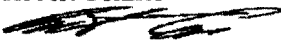
KS:om

Enclosures

Faxed November 13, 1997  
914-641-2455

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6A

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/12/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-984

Layer Number

Lab ID Number 751068

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	Yes
	Homogenous	No
	Fibrous	No
	Color	Brown/Gray

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
	% Other	0.0
Present	% Unidentified	0.0

Non-Fibrous	% Silicates	30.0
Materials	% Carbonates	10.0
	% Other	0.0
Present	% Unidentified	60.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AJHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 6A)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
110497- 984	751068

The above 1 sample were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony P Tseng* Date: 11/4/97 Time: 1936

Received by: *AT* Date: 11/4/97 Time: 1934

NOV 4 '97 20:03

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Malcolm Pirnie, Inc Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos

No. of Samples: 1

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Bldg. 6A

Sample Disposition \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Sampled By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: S. Schmitt [Signature] NOV 4 '97 20:03   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707432

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 1  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 6A  
Number/Name:

Lab ID Numbers 751068

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

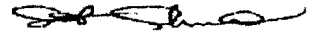
Received By: Scott Schmidt  
Paul Stascavage


Date: 11/04/97


Time: 1936

Logged In By: Scott Schmidt



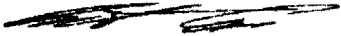
Date: 11/06/97

Prepped By: Marita Prado



Date: 11/07/97

Analyzed By: Robert Connor



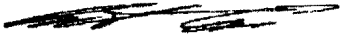
Date: 11/12/97

Time: 1606

Re-Analyzed By:

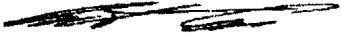
Date:

Checked By: Robert Connor



Date: 11/13/97

Faxed By: Robert Connor



Date: 11/13/97

Time: 2315

Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 5

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

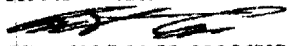
Faxed November 13, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 5

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/12/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-985	110497-986	110497-987	110497-988
Layer Number				
Lab ID Number	751069	751070	751071	751072
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------	-----------

Method of Quantification		Stratified PC	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered	Yes	Yes	Yes	Yes
	Homogenous	No	No	No	No
	Fibrous	No	No	No	No
	Color	Creme/Blue/Gray/ Red	Blue/Gray	Gray/Black	Blue/Creme

Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0	0.0
	% Chrysotile	4.0	0.0	2.3	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	4.0	0.0	2.3	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0	0.0
	% Cellulose	0.0	2.0	0.0	2.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	1.1	0.0	1.6	0.0
Non-Fibrous Materials Present	% Silicates	0.0	38.0	0.0	80.0
	% Carbonates	0.0	0.0	0.0	18.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	94.9	60.0	96.1	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

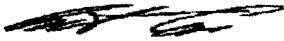
ILHA Accreditation No. 418 Rhode Island DOH No. AAL-0773 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 5

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/12/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-989

Layer Number

Lab ID Number 751073

Sample Location Not Given

Sample Description Not Given

### Method of Quantification Visual Estimation

Appearance	Layered	No
	Homogenous	Yes
	Fibrous	No
	Color	Gray

### Sample Treatment None

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
Present	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	40.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	60.0

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestor Containing  
NHA Accreditation No. A18 Rhode Island DOH No. AAL-022T3 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 5)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
110497- 985	751069
110497- 986	751070
110497- 987	Do not analyze if 110497-988 is positive
110497- 988	751071
110497- 989	751072
	751073

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on November 4, 1997.

looks to be an error  
analyzing all.  
SS 4/6/97

Relinquished by: [Signature] Date: 11/4/97 Time: 1936

Received by: [Signature] Date: 11/4/97 Time: 1936

NOV 4 '97 20:03

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Analyte: % Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

No. of Samples: 5

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Bldg 5

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng  
Name (Print or Type)

[Signature]  
Signature

11/4/97  
Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

[Signature]  
Signature

11/4/97  
Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: NOV 4 '97 20:05

Received By: S. Schmidt [Signature] \_\_\_\_\_  
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707433  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 5  
Received:

No. of Samples 5  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 5  
Number/Name:

Lab ID Numbers 751069-751073

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage


Date: 11/04/97 Time: 1936

Logged In By: Scott Schmidt




Date: 11/06/97

Prepped By: Marita Prado



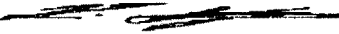
Date: 11/07/97

Analyzed By: Robert Connor



Date: 11/12/97 Time: 1637

Re-Analyzed By: Kevin Stascavage



Date: 11/16/97

Checked By: Robert Connor



Date: 11/13/97

Faxed By: Robert Connor



Date: 11/13/97 Time: 2313

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 17

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 3 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

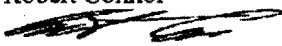
Faxed November 13, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 17

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/12/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-991	110497-992	110497-993
Layer Number			
Lab ID Number	751074	751075	751076
Sample Location	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered	Yes	Yes
	Homogenous	No	No
	Fibrous	No	No
	Color	Gray/Blue	Blue/Gray/Tan
Sample Treatment	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0	0.0	0.0
	% Chrysotile 0.0	6.4	0.0
	% Other 0.0	0.0	0.0
	% Total Asbestos 0.0	6.4	0.0
Other Fibrous Materials Present	% Fibrous Glass 0.0	0.0	0.0
	% Cellulose 0.0	0.0	0.0
	% Other 0.0	0.0	0.0
	% Unidentified 0.0	4.1	0.0
Non-Fibrous Materials Present	% Silicates 40.0	0.0	60.0
	% Carbonates 0.0	0.0	20.0
	% Other 60.0	0.0	20.0 Binders
	% Unidentified 0.0	89.5	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ILHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A-A-000672 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 17)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
110497- 991	751074
110497- 992	751075
110497- 993	751076

The above 3 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: Antony Tseng Date: 11/4/97 Time: 1936

Received by: [Signature] Date: 11/4/97 Time: 1936

NOV 4 '97 20:03

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Analyte: % Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

No. of Samples: 3

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Bldg 1F

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng  
Name (Print or Type)

[Signature] \_\_\_\_\_  
Signature Date 11/4/97

Submitted By: Antony S. Tseng  
Name (Print or Type)

[Signature] \_\_\_\_\_  
Signature Date 11/4/97

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

	Name (Print)	Signature	Date	Time	
Received By:	<u>S. Shmidt</u>	<u>[Signature]</u>	<u>NOV 4 '97</u>	<u>20:00</u>	<input type="checkbox"/>
Logged-In By:	_____	_____	_____	_____	<input type="checkbox"/>
Prepped By:	_____	_____	_____	_____	<input type="checkbox"/>
Checked By:	_____	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Re-analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Released By:	_____	_____	_____	_____	<input type="checkbox"/>
Shipped-Out By:	_____	_____	_____	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707434

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 3  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 3  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 17  
Number/Name:


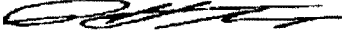
Lab ID Numbers 751074-751076

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

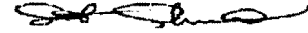
Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage

Date: 11/04/97 Time: 1936

Logged In By: Scott Schmidt



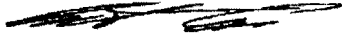
Date: 11/06/97

Prepped By: Marita Prado



Date: 11/07/97

Analyzed By: Robert Connor

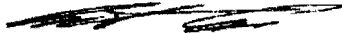


Date: 11/12/97 Time: 1645

Re-Analyzed By:

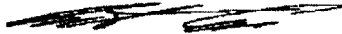
Date:

Checked By: Robert Connor



Date: 11/13/97

Faxed By: Robert Connor



Date: 11/13/97 Time: 2310

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 18

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

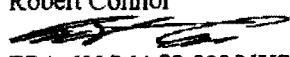
Faxed November 13, 1997  
914-641-2455



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 18

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/12/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-994	110497-995
------------------	------------	------------

Layer Number

Lab ID Number	751077	751078
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation
Appearance Layered	Yes	Yes
Homogenous	No	No
Fibrous	No	No
Color	Gray/White	White/Brown

Sample Treatment	Homogenized	Homogenized
Asbestos		
Content % Amosite	0.0	0.0
% Chrysotile	0.0	0.0
% Other	0.0	0.0
% Total Asbestos	0.0	0.0
Other Fibrous		
Materials % Fibrous Glass	0.0	0.0
% Cellulose	0.0	0.0
Present % Other	0.0	0.0
% Unidentified	0.0	0.0
Non-Fibrous		
Materials % Silicates	40.0	30.0
% Carbonates	0.0	0.0
Present % Other	0.0	0.0
% Unidentified	60.0	70.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHA Accreditation No. 418 Rhode Island DOH No. AAL-0773 Massachusetts DOL No. A-A-000077 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 18)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
110497- 994	751077
110497- 995	751078

The above 2 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:03

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Analyte: 1/6 Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

No. of Samples: 2

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Bldg 18

Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng  
Signature

11/4/97  
Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng  
Signature

11/4/97  
Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: S. Schmidt  
Name (Print)

[Signature]  
Signature

NOV 4 '97 20:03  
Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707435

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 2  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 2  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 18  
Number/Name:


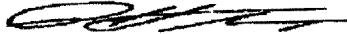
Lab ID Numbers 751077-751078

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

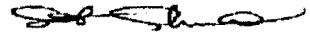
Received By: Scott Schmidt  
Paul Stascavage

Date: 11/04/97


Time: 1936

Logged In By: Scott Schmidt



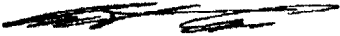
Date: 11/06/97

Prepped By: Marita Prado



Date: 11/07/97

Analyzed By: Robert Connor



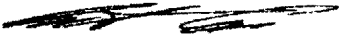
Date: 11/12/97

Time: 1658

Re-Analyzed By:

Date:

Checked By: Robert Connor



Date: 11/13/97

Boxed By: Robert Connor



Date: 11/13/97

Time: 2307

Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 18, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 19

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 6 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

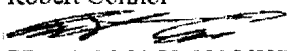
Faxed November 17, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 19

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13-14/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

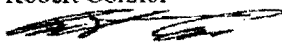
Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-996	110497-997	110497-998	110497-999
Layer Number				
Lab ID Number	751079	751080	751081	751082
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Visual Estimation	Visual Estimation
Appearance	Layered Homogenous Fibrous Color	Yes No No Clear/Brown	Yes No No Yellow/Gray/Rust	Yes No No Gray/Blue
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 < 1.0 0.0 < 1.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	0.0 0.0 0.0 0.0	0.0 0.0 0.0 1.3	0.0 2.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	20.0 0.0 0.0 80.0	0.0 0.0 0.0 98.7	60.0 38.0 0.0 0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing  
 EPA Accreditation No. 416 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A-800672 Connecticut DOR No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 19

Date Collected :	11/04/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	11/04/97		Box 751
Date Analyzed :	11/13-14/97		White Plains, NY 10602
Analyzed By :	Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	110497-1000	110497-1001	110497-1002
------------------	-------------	-------------	-------------

Layer Number

Lab ID Number	751083	752000	752001
Sample Location	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	Yes
	Homogenous	Yes	No
	Fibrous	No	No
	Color	Gray	Blue/Gray/Brown

Sample Treatment	Homogenized	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0
	% Chrysotile	0.0	0.0
	% Other	0.0	0.0
	% Total Asbestos	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0
	% Cellulose	0.0	2.0
	% Other	0.0	0.0
	% Unidentified	0.0	0.0
Non-Fibrous Materials Present	% Silicates	80.0	50.0
	% Carbonates	20.0	48.0
	% Other	0.0	0.0
	% Unidentified	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NCP Items Tested Are Non-Asbestos Containing

AiHA Accreditation No. 415 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0632 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 19)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
110497- 996	751079
110497- 997	751080
110497- 998	751081
110497- 999	751082
110497- 1000	751083
110497- 1001	Do not analyze if 110497-1000 is positive 752000
110497- 1002	Do not analyze if 110497-1001 is positive 752001

The above 7 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:03

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Malcolm Pirnie, Inc Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos

No. of Samples: 7

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 <sup>Stratford Army Engine Plant</sup> <sup>Stratford, CT</sup> <sup>Bldg. 19</sup>

Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number:	_____	Project Number:	_____	Batch Number:	_____
Received By:	<u>S. Schmitt</u> Name (Print)	<u>[Signature]</u> Signature	<u>NOV 4 '97</u> Date	<u>20:04</u> Time	<input type="checkbox"/>
Logged-In By:	_____	_____	_____	_____	<input type="checkbox"/>
Prepped By:	_____	_____	_____	_____	<input type="checkbox"/>
Prepped By:	_____	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Re-Analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Checked By:	_____	_____	_____	_____	<input type="checkbox"/>
Logged-Out By:	_____	_____	_____	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707436  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 7  
Received:

No. of Samples 6  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 19  
Number/Name:

Lab ID Numbers 751079-751083;752000-752001

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

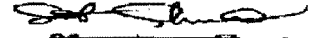

Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage




Date: 11/04/97 Time: 1936

Logged In By: Scott Schmidt  
Marita Prado


Date: 11/06-14/97

Prepped By: Eleonora Skulskaya  
Marita Prado

Date: 11/08-14/97

Analyzed By: Robert Connor

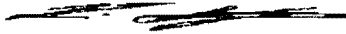


Date: 11/13-14/97 Time: 1510

Re-Analyzed By:

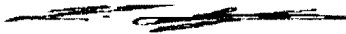
Date:

Checked By: Kevin Stascavage



Date: 11/17/97

Faxed By: Kevin Stascavage



Date: 11/17/97 Time: 1833

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 33

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed November 14, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 33

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. : 101646-0  
 NYS Lab No. : 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-1003	110497-1004	110497-1005	110497-1006
Layer Number				
Lab ID Number	751084	751085	751086	751087
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Stratified PC	Visual Estimation
Appearance				
Layered	Yes	Yes	Yes	Yes
Homogenous	No	No	No	No
Fibrous	No	No	No	No
Color	Blue/Gray/Lt Blue	Blue/Gray	Blue/Gray/Rust	Green/White/Rust
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	1.9	0.0	5.1	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	1.9	0.0	5.1	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	0.0	0.0
% Cellulose	0.0	2.0	0.0	2.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	1.3	0.0	1.1	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	78.0	0.0	40.0
% Carbonates	0.0	0.0	0.0	28.0
% Other	0.0	0.0	0.0	30.0 Binders
% Unidentified	96.8	20.0	93.8	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 ALHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095

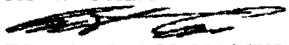




**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 33

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-1007

Layer Number

Lab ID Number 751088

Sample Location Not Given

Sample Description Not Given

**Method of Quantification Visual Estimation**

Appearance	Layered	No
	Homogenous	Yes
	Fibrous	No
	Color	Gray

Sample Treatment None

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	2.0
Present	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	80.0
Materials	% Carbonates	18.0
Present	% Other	0.0
	% Unidentified	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing


AHIA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095


# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 33)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
110497- 1003	751084
110497- 1004	751085
110497- 1005	751086
110497- 1006	751087
110497- 1007	751088

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by:  Date: 11/4/97 Time: 1936

Received by:  Date: 11/4/97 Time: 1936

NOV 4 '97 20:04

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Analyte: % Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

No. of Samples: 5

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Bldg 33

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng  
Name (Print or Type)

[Signature]  
Signature

11/4/97  
Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

[Signature]  
Signature

11/4/97  
Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: NOV 4 '97 20:04

Received By: S. Schmitt [Signature] \_\_\_\_\_  
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707437

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 5

Sample Disposition: Standard x  
Return

No. of Samples Analyzed: 5

Client Project Number/Name: RE: CPN 0285655 - Stratford Army Engine Plant - Building 33

Lab ID Numbers 751084-751088

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

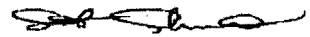
Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage

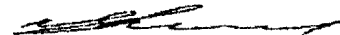

Date: 11/04/97 Time: 1936

Logged In By: Scott Schmidt



Date: 11/06/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor



Date: 11/13/97 Time: 1840

Re-Analyzed By:

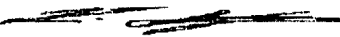
Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97 Time: 1334

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 34

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

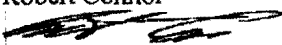
Faxed November 14, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 34

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-1008	110497-1009
------------------	-------------	-------------

Layer Number

Lab ID Number	751116	751117
---------------	--------	--------

Sample Location	Not Given	Not Given
-----------------	-----------	-----------

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation
Appearance Layered	No	No
Homogenous	No	No
Fibrous	No	No
Color	Gray/Brown/Blue	White/Tan

Sample Treatment	Homogenized	Homogenized
Asbestos % Amosite	0.0	0.0
Content % Chrysotile	0.0	0.0
% Other	0.0	0.0
% Total Asbestos	0.0	0.0
Other Fibrous % Fibrous Glass	0.0	0.0
Materials % Cellulose	0.0	0.0
Present % Other	0.0	0.0
% Unidentified	0.0	0.0
Non-Fibrous % Silicates	70.0	10.0
Materials % Carbonates	0.0	0.0
Present % Other	0.0	0.0
% Unidentified	30.0	90.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOS Items Tested Are Non-Asbestos Containing

AHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095

# CHAIN OF CUSTODY

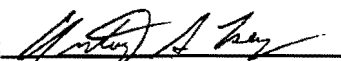
PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 34)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

751116

751117

Sample No.	Comments
110497- 1008	Do not analyze if 110497-1009 is positive
110497- 1009	

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by:  Date: 11/4/97 Time: 1936

Received by:  Date: 11/4/97 Time: 1936

NOV 4 '97 20:04

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2 weeks

No. of Samples: 2 Shipped Via: US Mail \_\_\_\_\_ Walk In   
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

Date of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT Bldg 34 Sample Disposition: \_\_\_\_\_ (RM.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng [Signature] 11/4/97  
 Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng [Signature] 11/4/97  
 Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: _____	Project Number: _____	Batch Number: _____	
Received By: <u>S. Schmidt</u>	<u>[Signature]</u>	<u>NOV 2 '97</u>	<u>20:04</u>
Name (Print)	Signature	Date	Time
Engaged-In By: _____	_____	_____	_____ <input type="checkbox"/>
Prepped By: _____	_____	_____	_____ <input type="checkbox"/>
Typed By: _____	_____	_____	_____ <input type="checkbox"/>
Analyzed By: _____	_____	_____	_____ <input type="checkbox"/>
_____	_____	_____	_____ <input type="checkbox"/>
_____	_____	_____	_____ <input type="checkbox"/>
_____	_____	_____	_____ <input type="checkbox"/>
_____	_____	_____	_____ <input type="checkbox"/>
_____	_____	_____	_____ <input type="checkbox"/>
_____	_____	_____	_____ <input type="checkbox"/>



**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707438  
Turn-Around: 2 Week  
Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 2  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 2  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 34  
Number/Name:

Lab ID Numbers 751116-751117

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

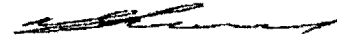
Received By: Scott Schmidt  
Paul Stascavage


Date: 11/04/97

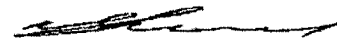
Time: 1936

Logged In By: Eleonora Skulskaya



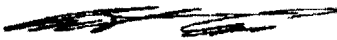
Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor



Date: 11/13/97

Time: 1846

Re-Analyzed By:

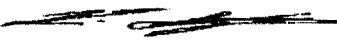
Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97

Time: 1335

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 43

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

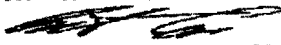
Faxed November 14, 1997  
914-641-2455



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 43

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-1010

Layer Number

Lab ID Number 751118

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	No
	Homogenous	Yes
	Fibrous	No
	Color	Gray

Sample Treatment None

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials Present	% Cellulose	0.0
	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	70.0
Materials Present	% Carbonates	0.0
	% Other	0.0
	% Unidentified	30.0

Results Applicable To Those Items Tested  
 Laboratory Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 43)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
751118	10497- 1010	

The above 1 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:04

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client:

Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Analyte:

% Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

No. of Samples:

1

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin:

NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number:

0285655 <sup>Stratford Army Engine Plant</sup>  
<sup>Stratford, CT</sup>  
<sup>Blk 43</sup>

Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By:

Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng  
Signature

11/4/97  
Date

Submitted By:

Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng  
Signature

11/4/97  
Date

Comments:

\_\_\_\_\_  
\_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By:

S. Schmitt  
Name (Print)

[Signature]  
Signature

NOV 4 '97 20:04

Date

Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707439

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 1  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 43  
Number/Name:


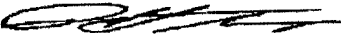
Lab ID Numbers 751118

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

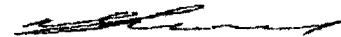
Received By: Scott Schmidt  
Paul Stascavage

Date: 11/04/97

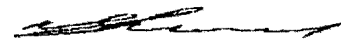
Time: 1936

Logged In By: Eleonora Skuls kaya



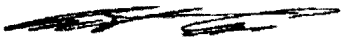
Date: 11/07/97

Prepped By: Eleonora Skuls kaya



Date: 11/08/97

Analyzed By: Robert Connor



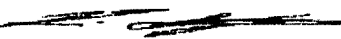
Date: 11/13/97

Time: 1847

Re-Analyzed By:

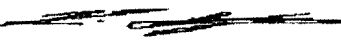
Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Packed By: Kevin Stascavage



Date: 11/14/97

Time: 1335

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 53

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

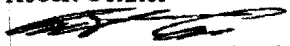
Faxed November 14, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 53

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-1011

Layer Number

Lab ID Number 751119

Sample Location Not Given

Sample Description Not Given

Method of Quantification Stratified PC

Appearance	Layered	Yes
	Homogenous	No
	Fibrous	No
	Color	Gray/White

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	3.9
	% Other	0.0
	% Total Asbestos	3.9

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
Present	% Other	0.0
	% Unidentified	1.9

Non-Fibrous	% Silicates	0.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	94.2

Results Applicable To Those Items Tested  
 Accuracy Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

IL Accreditation No 418 Rhode Island DOH No AAL-07273 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095

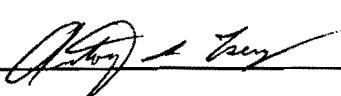


# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 53)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
751119	110497- 1011	

The above 1 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by:  Date: 11/4/97 Time: 1936

Received by:  Date: 11/4/97 Time: 1936

NOV 4 '97 20:04

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

Analyte: % Asbestos

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

No. of Samples: 1

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT Bldg 53

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng  
Name (Print or Type)

[Signature] 11/4/97  
Signature Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

[Signature] 11/4/97  
Signature Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: NOV 4 '97 2064

Received By:	Signature	Date	Time	
<u>S. Schwid</u>	<u>[Signature]</u>			<input type="checkbox"/>
Logged-In By:	_____	_____	_____	<input type="checkbox"/>
Prepped By:	_____	_____	_____	<input type="checkbox"/>
Checked By:	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	<input type="checkbox"/>
Re-analyzed By:	_____	_____	_____	<input type="checkbox"/>
Released By:	_____	_____	_____	<input type="checkbox"/>
Shipped-Out By:	_____	_____	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707440  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 1  
Received:

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 53  
Number/Name:

Lab ID Numbers 751119

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

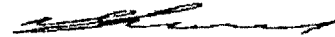
Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage

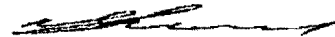

Date: 11/04/97 Time: 1936

Logged In By: Eleonora Skulskaya



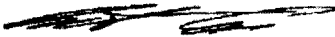
Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor




Date: 11/13/97 Time: 1850

Re-Analyzed By:

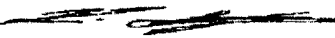
Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97 Time: 1336

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 53A - (Small Portable Office Outside of Building 53)

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

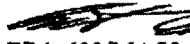
Faxed November 14, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 53A - (Small Portable Office Outside of Building 53)

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-1012

Layer Number

Lab ID Number 751120

Sample Location Not Given

Sample Description Not Given

Method of Quantification Stratified PC

Appearance	Layered	Yes
	Homogenous	No
	Fibrous	No
	Color	Gray/White

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	2.7
	% Other	0.0
	% Total Asbestos	2.7

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
	% Other	0.0
Present	% Unidentified	3.1

Non-Fibrous	% Silicates	0.0
Materials	% Carbonates	0.0
	% Other	0.0
Present	% Unidentified	94.2

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHIA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOI No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 53A - Small Portable Office  
Outside of Bldg 53)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
751120 110497- 1012	

The above 1 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: Antony A Tseng Date: 11/4/97 Time: 1936

Received by: [Signature] Date: 11/4/97 Time: 1936

NOV 4 '97 20:04

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos

No. of Samples: 1

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 <sup>Stratford Army Engine Plant</sup>  
<sub>Stratford, CT Bldg 53A</sub>

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

Sampled By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

FOR LABORATORY USE ONLY			
Account Number:	Project Number:	Batch Number:	
Received By: <u>S. Schmitt</u> Name (Print)	<u>[Signature]</u> Signature	<u>NOV 4 '97 20:04</u> Date	<input type="checkbox"/> Time
Logged-In By: _____	_____	_____	<input type="checkbox"/>
Prepped By: _____	_____	_____	<input type="checkbox"/>
Prepped By: _____	_____	_____	<input type="checkbox"/>
Analyzed By: _____	_____	_____	<input type="checkbox"/>
Analyzed By: _____	_____	_____	<input type="checkbox"/>
Re-Analyzed By: _____	_____	_____	<input type="checkbox"/>
Checked By: _____	_____	_____	<input type="checkbox"/>
Logged-Out By: _____	_____	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707441  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 1  
Received:

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 53A -  
Number/Name: (Small Portable Office Outside of Building 53)

Lab ID Numbers 751120

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

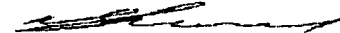
Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage

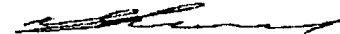

Date: 11/04/97 Time: 1936

Logged In By: Eleonora Skulskaya



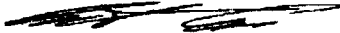
Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor



Date: 11/13/97 Time: 1853

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97 Time: 1336

Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 61

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 14, 1997  
914-641-2455

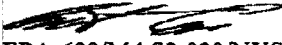


**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 61

Client: **Malcolm Pirnie, Inc.**  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : 11/04/97  
Collected By : Antony S. Tseng  
Date Received : 11/04/97  
Date Analyzed : 11/13/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number : 110497-1013 110497-1014

Layer Number

Lab ID Number 751121 751122  
Sample Location Not Given Not Given

Sample Description : Not Given Not Given

Method of Quantification		Stratified PC	Visual Estimation
Appearance	Layered	No	Yes
	Homogenous	Yes	No
	Fibrous	No	No
	Color	Gray	Tan/Brown

Sample Treatment		None	Homogenized
Asbestos	% Amosite	0.0	0.0
Content	% Chrysotile	2.9	0.0
	% Other	0.0	0.0
	% Total Asbestos	2.9	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0
Materials	% Cellulose	0.0	0.0
Present	% Other	0.0	0.0
	% Unidentified	1.9	0.0
Non-Fibrous	% Silicates	0.0	60.0
Materials	% Carbonates	0.0	0.0
Present	% Other	0.0	0.0
	% Unidentified	95.2	40.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

NYA Accreditation No. 418 Rhode Island DOH No. AA1-02273 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 61)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
751121	110497- 1013	
751122	110497- 1014	

The above 2 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:01

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2 weeks

No. of Samples: 2 Shipped: US Mail \_\_\_\_\_ Walk In   
 Via: Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Sturford Army Engine Plant  
Sturford, CT  
Bldg. 61 Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng Antony S. Tseng 11/4/97  
 Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 11/4/97  
 Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: NOV 4 1997 20:04

Received By: S. Schmitt [Signature] \_\_\_\_\_ \_\_\_\_\_   
 Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Released By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Shipped-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707442

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 2  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 2  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 61  
Number/Name:

Lab ID Numbers 751121-751122

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

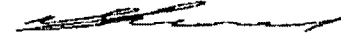
Received By: Scott Schmidt  
Paul Stascavage


Date: 11/04/97

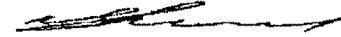
Time: 1936

Logged In By: Eleonora Skulskaya



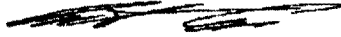
Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor



Date: 11/13/97

Time: 2034

Re-Analyzed By:

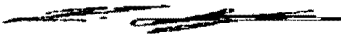
Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97

Time: 1337

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASinc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 67

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

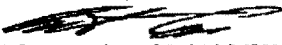
Faxed November 14, 1997  
914-641-2455



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 67

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-1015

Layer Number

Lab ID Number 751123

Sample Location Not Given

Sample Description Not Given

**Method of Quantification Visual Estimation**

Appearance	Layered	No
	Homogenous	No
	Fibrous	Yes
	Color	Black/White

**Sample Treatment Homogenized**

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials Present	% Cellulose	2.0
	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	60.0
Materials Present	% Carbonates	8.0
	% Other	30.0 Binders
	% Unidentified	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ALHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 67)  
CONTACT: Antony Tseng, Malcolm Pimle, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
751123	110497- 1015	

The above 1 samples were sent by Malcolm Pimle, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1934

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:05



# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos

No. of Samples: 1

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other

Client Project Name/Number: 0285655  
*Stratford Army Engine Plant*  
*Stratford, CT*  
*Bldg 67*

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng *Antony S. Tseng* 11/4/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng *Antony S. Tseng* 11/4/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number:	Project Number:	Batch Number:		
<u>S. Shu!ct</u> Name (Print)	<u><i>[Signature]</i></u> Signature	<u>NOV 4 '97 20:25</u> Date		<input type="checkbox"/>
Logged-In By:				<input type="checkbox"/>
Prepped By:				<input type="checkbox"/>
Prepped By:				<input type="checkbox"/>
Analyzed By:				<input type="checkbox"/>
Analyzed By:				<input type="checkbox"/>
Re-Analyzed By:				<input type="checkbox"/>
Checked By:				<input type="checkbox"/>
Logged-Out By:				<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707443

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 1  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 67  
Number/Name:

Lab ID Numbers 751123

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage

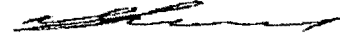

Date: 11/04/97 Time: 1936

Logged In By: Eleonora Skulskaya



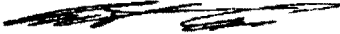
Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor




Date: 11/13/97 Time: 2037

Re-Analyzed By:

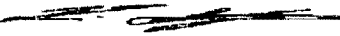
Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97 Time: 1338

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pimie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 69

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pimie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

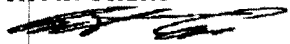
Faxed November 14, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 69

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-1016

Layer Number

Lab ID Number 751124

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	No
	Homogenous	No
	Fibrous	Yes
	Color	Tan/Brown

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	20.0
Present	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	30.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	50.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing

AHA Accreditation No. A18 Rhode Island DOH No. 6AL-0773 Massachusetts DOI No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

Building 69

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 69)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
751124	110497- 1016	

The above 1 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:05

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

Analyte: % Asbestos

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

No. of Samples: 1

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Bldg 69

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng  
Signature

11/14/97  
Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

Antony S. Tseng  
Signature

11/14/97  
Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By:	<u>S. Schmidt</u> Name (Print)	<u>[Signature]</u> Signature	<u>NOV 11 1997</u> Date	<u>20:05</u> Time	<input type="checkbox"/>
Logged-In By:	_____	_____	_____	_____	<input type="checkbox"/>
Prepped By:	_____	_____	_____	_____	<input type="checkbox"/>
Checked By:	_____	_____	_____	_____	<input type="checkbox"/>
Analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Re-analyzed By:	_____	_____	_____	_____	<input type="checkbox"/>
Released By:	_____	_____	_____	_____	<input type="checkbox"/>
Shipped-Out By:	_____	_____	_____	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707444  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 1  
Received:

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 69  
Number/Name:

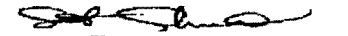

Lab ID Numbers 751124

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

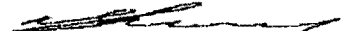
Received By: Scott Schmidt  
Paul Stascavage

Date: 11/04/97

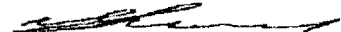
Time: 1936

Logged In By: Eleonora Skulskaya



Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor



Date: 11/13/97

Time: 2039

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97

Time: 1338

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 70

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 14, 1997  
914-641-2455

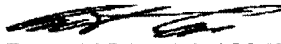




**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 70

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-1017

Layer Number

Lab ID Number 751125

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	No
	Homogenous	Yes
	Fibrous	No
	Color	Gray

Sample Treatment None

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous	% Fibrous Glass	0.0
Materials Present	% Cellulose	10.0
	% Other	0.0
	% Unidentified	0.0

Non-Fibrous	% Silicates	30.0
Materials Present	% Carbonates	0.0
	% Other	0.0
	% Unidentified	60.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DGL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 70)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
751125	110497- 1017

The above 1 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1934

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:05

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2 weeks

No. of Samples: 1 Shipped Via: US Mail \_\_\_\_\_ Walk In   
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Bldg 70 Sample Disposition: \_\_\_\_\_ (RM.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: Antony S. Tseng [Signature] 11/4/97  
 Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng [Signature] 11/4/97  
 Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: S. Schiav [Signature] NOV 4 '97 20:05  
 Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707445

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 1  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 70  
Number/Name:

Lab ID Numbers 751125

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage


Date: 11/04/97

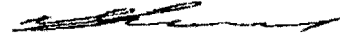
Time: 1936

Logged In By: Eleonora Skulskaya



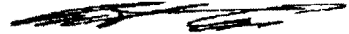
Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor




Date: 11/13/97

Time: 2041

Re-Analyzed By:


Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97

Time: 1339

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASinc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 71

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 14, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 71

Date Collected :	11/04/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony S. Tseng		104 Corporate Park Drive
Date Received :	11/04/97		Box 751
Date Analyzed :	11/13/97		White Plains, NY 10602
Analyzed By :	Robert Connor		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number 110497-1018

Layer Number

Lab ID Number 751126

Sample Location Not Given

Sample Description Not Given

Method of Quantification Visual Estimation

Appearance	Layered	No
	Homogenous	No
	Fibrous	No
	Color	Gray/Brown

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0

Other Fibrous Materials Present	% Fibrous Glass	3.0
	% Cellulose	0.0
	% Other	0.0
	% Unidentified	0.0

Non-Fibrous Materials Present	% Silicates	37.0
	% Carbonates	0.0
	% Other	0.0
	% Unidentified	60.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

MAA Accreditation No. 418 Rhode Island DOH No. AAL 02723 Massachusetts DCL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 71)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
751126	110497- 1018	

The above 1 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony A. Tseng* Date: 11/4/97 Time: 1936

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:05

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc  
104 Corporate Park Drive  
White Plains, NY 10604

Lab #'s \_\_\_\_\_

Analyte: % Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 weeks

No. of Samples: 1

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT Bldg 71

Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: Antony S. Tseng  
Name (Print or Type)

[Signature] 11/4/97  
Signature Date

Submitted By: Antony S. Tseng  
Name (Print or Type)

[Signature] 11/4/97  
Signature Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: S. Schacht [Signature] NOV 4 '97 20:05   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_



**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707446  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 1  
Received:

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 71  
Number/Name:



Lab ID Numbers 751126

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

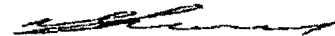
Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage

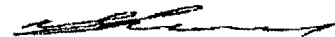
Date: 11/04/97 Time: 1936

Logged In By: Eleonora Skulskaya



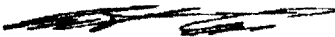
Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor

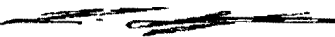


Date: 11/13/97 Time: 2044

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97 Time: 1340

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 77

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed November 14, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 77

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	110497-1019	110497-1020
------------------	-------------	-------------

Layer Number

Lab ID Number	751127	751128
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification		Visual Estimation	Visual Estimation
Appearance	Layered	No	No
	Homogenous	No	No
	Fibrous	No	Yes
	Color	Gray/Black	Black/Brown

Sample Treatment		Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0
	% Chrysotile	0.0	0.0
	% Other	0.0	0.0
	% Total Asbestos	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0
	% Cellulose	5.0	25.0
	% Other	0.0	0.0
	% Unidentified	0.0	0.0
Non-Fibrous Materials Present	% Silicates	65.0	45.0
	% Carbonates	0.0	0.0
	% Other	30.0 Binders	30.0 Binders
	% Unidentified	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AHIA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 77)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
751127	110497- 1019	
751128	110497- 1020	

The above 2 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NCL 4'97 20:05

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2 weeks

No. of Samples: 2 Shipped Via: US Mail \_\_\_\_\_ Walk In   
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 <sup>Stoutford Army Engine Plant</sup> Stoutford, CT <sup>8/10/97</sup> Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 11/4/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: D. Shultz [Signature] NOV 4 '97 20:05   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707447  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples Received: 2

No. of Samples Analyzed: 2

Client Project Number/Name: RE: CPN 0285655 - Stratford Army Engine Plant - Building 77

Lab ID Numbers 751127-751128

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

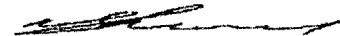
Date: 11/04/97

Received By: Scott Schmidt  
Paul Stascavage

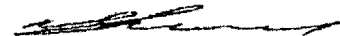

Date: 11/04/97 Time: 1936

Logged In By: Eleonora Skulskaya



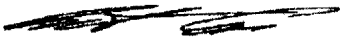
Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor




Date: 11/13/97 Time: 2048

Re-Analyzed By:


Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97 Time: 1340

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASinc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 79

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures


Faxed November 14, 1997  
914-641-2455



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 79

Date Collected : 11/04/97  
Collected By : Antony S. Tseng  
Date Received : 11/04/97  
Date Analyzed : 11/13/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Sample ID Number 110497--1021 110497--1022

Layer Number

Lab ID Number 751129 751130

Sample Location Not Given Not Given

Sample Description Not Given Not Given

Method of Quantification	Visual Estimation	Stratified PC
Appearance Layered	Yes	No
Homogenous	No	No
Fibrous	Yes	No
Color	Gray/Brown	Gray/Brown

Sample Treatment	Homogenized	Homogenized
------------------	-------------	-------------

Asbestos Content	% Amosite	0.0	0.0
	% Chrysotile	0.0	3.3
	% Other	0.0	0.0
	% Total Asbestos	0.0	3.3

Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0
	% Cellulose	25.0	0.0
	% Other	0.0	0.0
	% Unidentified	0.0	2.5

Non-Fibrous Materials Present	% Silicates	35.0	0.0
	% Carbonates	0.0	0.0
	% Other	0.0	0.0
	% Unidentified	40.0	94.2

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
NIHA Accreditation No. 418 Rhode Island DOH No. A-1-07773 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos Turn- 06 Hr 12 Hr 24 Hr 30 Hr  
 Around 48 Hr 3-5 Day Other 2 weeks

No. of Samples: 2 Shipped Via: US Mail \_\_\_\_\_ Walk In   
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 <sup>Stratford Army Engine Plant</sup> Stratford, CT Bldg 79 Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: Antony S. Tseng Antony S. Tseng 11/4/97  
 Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 11/4/97  
 Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: NOV 4 '97 20:05

Received By: S. Schmitt [Signature] \_\_\_\_\_   
 Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 79)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
751129	110497- 1021	
751130	110497- 1022	

The above 2 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1936  
Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 22:05

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707448

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 2  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 2  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 79  
Number/Name:

Lab ID Numbers 751129-751130

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

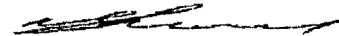
Received By: Scott Schmidt  
Paul Stascavage


Date: 11/04/97

Time: 1936

Logged In By: Eleonora Skuls kaya




Date: 11/07/97

Prepped By: Eleonora Skuls kaya



Date: 11/08/97

Analyzed By: Robert Cormor



Date: 11/13/97

Time: 2055

Re-Analyzed By:

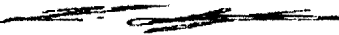
Date:

Checked By: Kevin Stascavage



Date: 11/14/97

Faxed By: Kevin Stascavage



Date: 11/14/97

Time: 1341

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 17, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 82

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 04, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

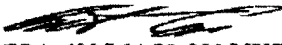
Faxed November 13, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 82

Date Collected : 11/04/97  
 Collected By : Antony S. Tseng  
 Date Received : 11/04/97  
 Date Analyzed : 11/13/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 110497-1023

Layer Number

Lab ID Number 751131

Sample Location Not Given

Sample Description Not Given

Method of Quantification Stratified PC

Appearance	Layered	No
	Homogenous	No
	Fibrous	No
	Color	Gray/Brown

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	3.0
	% Other	0.0
	% Total Asbestos	3.0

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
Present	% Other	0.0
	% Unidentified	3.0

Non-Fibrous	% Silicates	0.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	94.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No 418 Rhode Island DOH No AAL-072T3 Massachusetts DOL No A A 000072 Connecticut DOH No PH-0622 Maine DEP No LA-024 Vermont DOH No AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 82)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
751131 110497- 1023	

The above 1 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 4, 1997.

Relinquished by: *Antony Tseng* Date: 11/4/97 Time: 1934

Received by: *[Signature]* Date: 11/4/97 Time: 1936

NOV 4 '97 20:05

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10604

Analyte: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2 weeks

No. of Samples: 1 Shipped Via: US Mail \_\_\_\_\_ Walk In   
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng [Signature] 11/4/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng [Signature] 11/4/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: S. Schmitt [Signature] NOV 4 '97 20:08   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Prepped By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Analyzed By: \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Logged-Out By: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707449

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 1  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 82  
Number/Name:

Lab ID Numbers 751131

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 11/04/97

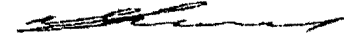
Received By: Scott Schmidt  
Paul Stascavage


Date: 11/04/97

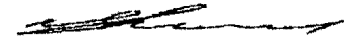
Time: 1936

Logged In By: Eleonora Skulskaya



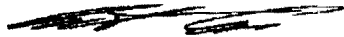
Date: 11/07/97

Prepped By: Eleonora Skulskaya



Date: 11/08/97

Analyzed By: Robert Connor



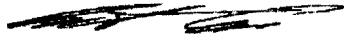
Date: 11/13/97

Time: 2058

Re-Analyzed By:

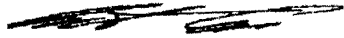
Date:

Checked By: Robert Connor



Date: 11/13/97

Faxed By: Robert Connor



Date: 11/13/97

Time: 2332

Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 24, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6A

Dear Antony Tseng

Enclosed please find the laboratory results for the 8 bulk samples received by Eastern Analytical Services, Inc. November 13, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 21, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6A

Date Collected : 11/13/97  
 Collected By : Antony Tseng  
 Date Received : 11/13/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	1024	1025	1026	1027
Layer Number				
Lab ID Number	752002	752003	752004	752005
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	No	No
	Fibrous	No	Yes	No
	Color	Gray	Tan/Pink	Tan/Brown
Sample Treatment	None	None	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0	0.0	18.5	0.0
	% Chrysotile 0.0	0.0	10.3	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 0.0	0.0	28.8	0.0
Other Fibrous Materials Present	% Fibrous Glass 25.0	35.0	0.0	0.0
	% Cellulose 3.0	2.0	0.0	15.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	21.3	0.0
Non-Fibrous Materials Present	% Silicates 72.0	63.0	0.0	50.0
	% Carbonates 0.0	0.0	0.0	35.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	49.9	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

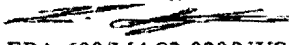
State Accreditation No. 415 Rhode Island DOH No. A-1-02773 Massachusetts DCL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6A

Date Collected : 11/13/97  
 Collected By : Antony Tseng  
 Date Received : 11/13/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	1028	1029	1030	1031	
Layer Number					
Lab ID Number	752006	752007	752008	752009	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC	Stratified PC	
Appearance	Layered	No	No	No	
	Homogenous	Yes	No	Yes	
	Fibrous	Yes	Yes	Yes	
	Color	Tan/Brown	Gray	Gray	
Sample Treatment	None	None	Homogenized	None	
Asbestos Content	% Amosite	0.0	30.8	33.3	31.3
	% Chrysotile	0.0	4.3	2.3	5.8
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	35.1	35.6	37.1
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0	0.0
	% Cellulose	15.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	8.8	16.5	17.8
Non-Fibrous Materials Present	% Silicates	50.0	0.0	0.0	0.0
	% Carbonates	35.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	56.1	47.9	45.1

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 418 Rhode Island DOH No. AAL-0773 Massachusetts DOL No. A-00007 Connecticut DOH No. PH-662 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**CHAIN OF CUSTODY**

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 6A)  
 CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
 ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
 LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
752002	* 111397- 1024	
752003	111397- 1025	
752004	111397- 1026	
752005	111397- 1027	
752006	111397- 1028	
	111397- 1029 752007	
752009	111397- 1030 752008	
	111397- 1031	
	111397- 1032	Do not analyze if sample 111397-1031 is positive
	111397- 1033	Do not analyze if sample 111397-1031 or 111397-1032 is positive

The above 10 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on November 13, 1997.

Relinquished by: *Antony Tseng* Date: 11/13/97 Time: 1621

Received by: *[Signature]* Date: 11/13/97 Time: 16:21

NOV 13 '97 16:27

\*AS LABELED ON SAMPLES  
 INITIALS/DATE NS/10/14/97

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc. Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Analyte: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2 weeks

No. of Samples: 10 Shipped Via: US Mail \_\_\_\_\_ Walk In   
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant Sample Disposition \_\_\_\_\_  
Stratford, CT (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_  
Building 6A

Sampled By: Antony S. Tseng Antony S. Tseng 11/13/97  
 Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 11/13/97  
 Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number:	Project Number:	Batch Number:	
Received By: <u>S. Schmitt</u>	<u>[Signature]</u>	NOV 13 '97 16:26	<input type="checkbox"/>
Logged-In By:			<input type="checkbox"/>
Prepped By:			<input type="checkbox"/>
Prepped By:			<input type="checkbox"/>
Analyzed By:			<input type="checkbox"/>
Analyzed By:			<input type="checkbox"/>
Re-Analyzed By:			<input type="checkbox"/>
Checked By:			<input type="checkbox"/>
Logged-Out By:			<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707656

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: NY

No. of Samples 10  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 8  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 6A  
Number/Name:

Lab ID Numbers 752002-752009

Collected By: Antony Tseng

\_\_\_\_\_  
Signature

Date: 11/13/97

Received By: Scott Schmidt  
Robert Connor

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: 11/13/97

Time: 1627

Logged In By: Eleonora Skulskaya

\_\_\_\_\_

Date: 11/14/97

Prepped By: Marita Prado

\_\_\_\_\_

Date: 11/14/97

Analyzed By: Kevin Stascavage

\_\_\_\_\_

Date: 11/21/97

Time: 1402

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage

\_\_\_\_\_

Date: 11/21/97

Faxed By: Kevin Stascavage

\_\_\_\_\_

Date: 11/21/97

Time: 2129

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 24, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 19

Dear Antony Tseng

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. November 13, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 21, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 19

Date Collected :	11/13/97	Client:	Malcolm Pirnie, Inc.
Collected By :	Antony Tseng		104 Corporate Park Drive
Date Received :	11/13/97		Box 751
Date Analyzed :	11/21/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	1034	1035	1036	1037
Layer Number				
Lab ID Number	752010	752011	752012	752013
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	No	No	No
	Homogenous	Yes	Yes	Yes
	Fibrous	No	No	No
	Color	Gray	Blue	White

Sample Treatment	None	None	None	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	30.0	0.0	3.0
	% Cellulose	0.0	1.0	0.0
	% Other	0.0	0.0	5.0 Synthetics
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	70.0	99.0	92.0
	% Carbonates	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOR Items Tested Are Non-Asbestos Containing  
 NYS Accreditation No. 415 Rhode Island DOH No. 6-01-072E Massachusetts DCL No. 6-000622 Connecticut DOH No. EH-0622 Maine DEP No. 1-A-044 Vermont DOH No. AAS-2095

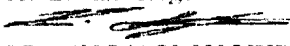




**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 19

Date Collected : 11/13/97  
 Collected By : Antony Tseng  
 Date Received : 11/13/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 1038  
 Layer Number  
 Lab ID Number 752014  
 Sample Location\* Not Given

Sample Description Not Given

Method of Quantification Visual Estimation  
 Appearance Layered Yes  
 Homogenous No  
 Fibrous Yes  
 Color Gray/White

Sample Treatment Homogenized

Asbestos	% Amosite	0.0	
Content	% Chrysotile	0.0	
	% Other	0.0	
	% Total Asbestos	0.0	
Other Fibrous Materials Present	% Fibrous Glass	0.0	
	% Cellulose	55.0	
	% Other	0.0	
	% Unidentified	0.0	
Non-Fibrous Materials Present	% Silicates	35.0	
	% Carbonates	0.0	
	% Other	10.0	Non-Fibrous Glass
	% Unidentified	0.0	

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 (MA Accreditation No. 418, Rhode Island EPH No. 01-072E, Massachusetts EOL No. A-006072, Connecticut DOH No. PH-0623, Maine DEE No. LA-024, Vermont DOH No. AAS-1095)

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 19)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
752010	* 111397- 1034	
752011	111397- 1035	
752012	111397- 1036	
752013	111397- 1037	
752013	111397- 1038	

752014  
The 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 13, 1997.

Relinquished by: Antony Tseng Date: 11/13/97 Time: 16:21

Received by: [Signature] Date: 11/13/97 Time: 16:21

NOV 13 '97 16:27

\*AS LABELED ON SAMPLES  
INITIALS/DATE NS/11/14/97

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc. Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Analyte: % Asbestos Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2 weeks

No. of Samples: 5 Shipped Via: US Mail \_\_\_\_\_ Walk In   
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Building 19 Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Antony S. Tseng Antony S. Tseng 11/13/97  
 Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Antony S. Tseng 11/13/97  
 Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: _____	Project Number: _____	Batch Number: _____	
Received By: <u>S. Schmitt</u>	<u>[Signature]</u>	<u>NOV 13 '97</u>	<u>16:26</u>
Logged-In By: _____	Signature	Date	Time
Prepped By: _____			<input type="checkbox"/>
Prepped By: _____			<input type="checkbox"/>
Analyzed By: _____			<input type="checkbox"/>
Analyzed By: _____			<input type="checkbox"/>
Re-Analyzed By: _____			<input type="checkbox"/>
Checked By: _____			<input type="checkbox"/>
Logged-Out By: _____			<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707657

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: NY

No. of Samples 5  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 5  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 19  
Number/Name:

Lab ID Numbers 752010-752014

Collected By: Antony Tseng

\_\_\_\_\_  
Signature

Date: 11/13/97

Received By: Scott Schmidt  
Robert Connor

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: 11/13/97

Time: 1627

Logged In By: Eleonora Skulskaya

\_\_\_\_\_

Date: 11/14/97

Prepped By: Marita Prado

\_\_\_\_\_

Date: 11/14/97

Analyzed By: Kevin Stascavage

\_\_\_\_\_

Date: 11/21/97

Time: 1435

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage

\_\_\_\_\_

Date: 11/21/97

Faxed By: Kevin Stascavage

\_\_\_\_\_

Date: 11/21/97

Time: 2132

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASinc.com>

Fax (914) 592-8956

November 24, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Dear Antony Tseng

Enclosed please find the laboratory results for the 7 bulk samples received by Eastern Analytical Services, Inc. November 13, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 21, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Date Collected : 11/13/97  
 Collected By : Antony Tseng  
 Date Received : 11/13/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Sample ID Number	1039	1040	1041	1042
Layer Number				
Lab ID Number	752015	752016	752017	752018
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance Layered	Yes	Yes	No	Yes
Homogenous	No	No	Yes	No
Fibrous	Yes	Yes	No	No
Color	Gray/White	Gray/White/Tan	Gray	Gray/Brown

Sample Treatment	Homogenized	Homogenized	None	Homogenized
Asbestos Content				
% Amosite	0.0	0.0	0.0	0.0
% Chrysotile	0.0	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	40.0	10.0	0.0	0.0
% Cellulose	0.0	45.0	0.0	3.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	60.0	45.0	20.0	20.0
% Carbonates	0.0	0.0	80.0	77.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0


Results Applicable To These Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 File # Accreditation No. 415 Rhode Island L.O.H. No. 9-1-97773 Massachusetts E.O.H. No. A-8-00097 Connecticut D.O.H. No. PH-0622 Maryland D.E.F. No. LA-024 Vermont D.O.H. No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Date Collected : 11/13/97  
 Collected By : Antony Tseng  
 Date Received : 11/13/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	1043	1044	1045
Layer Number			
Lab ID Number	752019	752020	752021
Sample Location	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Stratified PC	Stratified PC
Appearance			
Layered	Yes	Yes	No
Homogenous	No	No	Yes
Fibrous	Yes	Yes	Yes
Color	Gray/White/Green	Gray/Black	Tan/Brown
Sample Treatment	Homogenized	Homogenized	None
Asbestos			
% Amosite	0.0	0.0	0.0
Content			
% Chrysotile	11.5	23.8	9.5
% Other	0.0	0.0	0.0
% Total Asbestos	11.5	23.8	9.5
Other Fibrous			
% Fibrous Glass	0.0	0.0	0.0
Materials			
% Cellulose	0.0	0.0	0.0
Present			
% Other	0.0	0.0	0.0
% Unidentified	0.0	7.5	48.3
Non-Fibrous			
% Silicates	0.0	0.0	0.0
Materials			
% Carbonates	0.0	0.0	0.0
Present			
% Other	0.0	0.0	0.0
% Unidentified	88.5	68.7	42.2

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing

ILPA Accreditation No. 418 Rhode Island EPH No. A-11-022E Massachusetts DCL No. 8-A-060072 Connecticut EPH No. PH-0632 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 6)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

	Sample No.	Comments
752015	<del>11397-1039</del>	
752016	<del>11397-1040</del>	
752017	<del>11397-1041</del>	
752018	<del>11397-1042</del>	
752019	<del>11397-1043</del>	
752020	<del>11397-1044</del>	
752021	<del>11397-1045</del>	

9 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 13, 1997.

Relinquished by: *Antony Tseng* Date: 11/13/97 Time: 16:21

Received by: *[Signature]* Date: 11/13/97 Time: 16:21

NOV 13 '97 16:27

\*AS LABELED ON SAMPLES  
INITIALS/DATE NS/11/14/97





**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707658

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: NY

No. of Samples 7  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 7  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 6  
Number/Name:


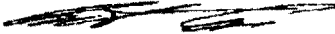
Lab ID Numbers 752015-752021

Collected By: Antony Tseng

\_\_\_\_\_  
Signature

Date: 11/13/97

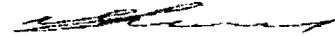
Received By: Scott Schmidt  
Robert Connor

Date: 11/13/97

Time: 1627

Logged In By: Eleonora Skulskaya



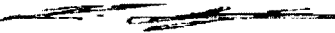
Date: 11/14/97

Prepped By: Marita Prado



Date: 11/14/97

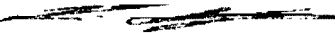
Analyzed By: Kevin Stascavage



Date: 11/21/97

Time: 1508

Re-Analyzed By: Kevin Stascavage



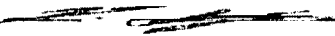
Date: 11/23/97

Checked By: Kevin Stascavage



Date: 11/21/97

Faxed By: Kevin Stascavage



Date: 11/21/97

Time: 2135

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 24, 1997

Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 5

Dear Antony Tseng

Enclosed please find the laboratory results for the 1 bulk samples received by Eastern Analytical Services, Inc. November 13, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

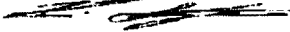
Faxed November 21, 1997  
914-641-2455



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 5

Date Collected : 11/13/97  
 Collected By : Antony Tseng  
 Date Received : 11/13/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. : 101646-0  
 NYS Lab No. : 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 1046

Layer Number

Lab ID Number 752022

Sample Location Not Given

Sample Description Not Given

Method of Quantification Stratified PC

Appearance	Layered	No
	Homogenous	Yes
	Fibrous	Yes
	Color	Gray/Yellow

Sample Treatment None

Asbestos	% Amosite	0.0
Content	% Chrysotile	58.4
	% Other	0.0
	% Total Asbestos	58.4

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
Present	% Other	0.0
	% Unidentified	37.6

Non-Fibrous	% Silicates	0.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	4.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing

ILHA accreditation No. 418 Rhode Island DOH No. 3AL-1773 Massachusetts EPH No. 4-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

**CHAIN OF CUSTODY**

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 5)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
752022 * <del>111897</del> - 1046	

The above 1 sample was sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 13, 1997.

Relinquished by: *Antony Tseng* Date: 11/13/97 Time: 16:21

Received by: *[Signature]* Date: 11/13/97 Time: 16:26 **NOV 13 '97 16:27**

\*AS LABELED ON SAMPLES

INITIALS/DATE NS/11/14/97

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

Client: Malcolm Pirnie, Inc. Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2 weeks

Sample Type: % Asbestos

Number of Samples: 1

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

Project Number: 0285655 Stratford Army Engine Plant  
Stratford, CT  
Building 5 Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Collected By: Antony S. Tseng [Signature] 11/12/97  
 Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng [Signature] 11/13/97  
 Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Count Number:	Project Number:	Batch Number:		
<u>S. Schmitt</u> Name (Print)	<u>[Signature]</u> Signature	<u>NOV 13 '97</u> Date	<u>16:27</u> Time	<input type="checkbox"/>
Received By:				<input type="checkbox"/>
Revised-In By:				<input type="checkbox"/>
Prepped By:				<input type="checkbox"/>
Checked By:				<input type="checkbox"/>
Analyzed By:				<input type="checkbox"/>
Re-analyzed By:				<input type="checkbox"/>
Released By:				<input type="checkbox"/>
Shipped-Out By:				<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707659

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: NY

No. of Samples 1  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 1  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 5  
Number/Name:

Lab ID Numbers 752022

Collected By: Antony Tseng

\_\_\_\_\_  
Signature

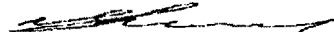
Date: 11/13/97

Received By: Scott Schmidt  
Robert Connor


Date: 11/13/97 Time: 1627

Logged In By: Eleonora Skulskaya



Date: 11/14/97

Prepped By: Marita Prado



Date: 11/14/97

Analyzed By: Kevin Stascavage



Date: 11/21/97 Time: 1513

Re-Analyzed By:


Date:

Checked By: Kevin Stascavage



Date: 11/21/97

Faxed By: Kevin Stascavage



Date: 11/21/97 Time: 2137

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 24, 1997

Mr. Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3A

Dear Mr. Tseng

Enclosed please find the laboratory results for the 3 bulk samples received by Eastern Analytical Services, Inc. November 18, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 21, 1997  
914-641-2455





Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3A

Date Collected : 11/17/97
Collected By : T. Akbas
Date Received : 11/18/97
Date Analyzed : 11/21/97
Analyzed By : Kevin Stascavage
Signature :
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1
NVLAP Lab No. 101646-0
NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.
104 Corporate Park Drive
Box 751
White Plains, NY 10602

Table with 4 columns: Sample ID Number, Layer Number, Lab ID Number, Sample Location, Sample Description, Method of Quantification, Sample Treatment, and various material percentages (Asbestos, Other Fibrous, Non-Fibrous).

Results Applicable To Those Items Tested
Liability Limited To Cost Of Analysis
These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing
EPA Accreditation No. A18 Rhode Island DOH No. 6A1-0723 Massachusetts EIDL No. A-000072 Connecticut DOH No. PH-0623 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 3A)  
CONTACT: Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

\*  
↓

Sample No.		Comments
<del>111807</del> - 1047	752687	
<del>111807</del> - 1048	752688	
<del>111807</del> - 1049	752689	

The above 3 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on November 18, 1997.

Relinquished by: Terry J. Akkas Date: 11/18/97 Time: \_\_\_\_\_

Received by: [Signature] Date: \_\_\_\_\_ Time: NOV 18 '97 16:52

\*  
↓

\*AS LABELED ON SAMPLES  
INITIALS/DATE MP 11/19/97

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Dr.  
White Plains, NY 10602

Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2 wk

Analyte: ASBESTOS

Shipped Via: US Mail \_\_\_\_\_ Walk In X  
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

No. of Samples: 3

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Army Engine Plant  
Building 3A Asbestos Survey

Sample Disposition: \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: Terril Akbas  
Name (Print or Type)

Terril Akbas \_\_\_\_\_ 11/17/97  
Signature Date

Submitted By: Terril Akbas  
Name (Print or Type)

Terril Akbas \_\_\_\_\_ 11/18/97  
Signature Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: S. Schmidt [Signature] NOV 18 '97 16:52   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707716  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 3  
Received:

No. of Samples 3  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 3A  
Number/Name:

Lab ID Numbers 752687;752688-752689

Collected By: T. Akbas

\_\_\_\_\_  
Signature

Date: 11/17/97

Received By: Scott Schmidt



Date: 11/18/97 Time: 1652

Logged In By: Marita Prado



Date: 11/19/97

Prepped By: Marita Prado



Date: 11/20/97

Analyzed By: Kevin Stascavage



Date: 11/21/97 Time: 1632

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage



Date: 11/21/97

Faxed By: Kevin Stascavage



Date: 11/21/97 Time: 2139

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 24, 1997

Mr. Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 4

Dear Mr. Tseng

Enclosed please find the laboratory results for the 10 bulk samples received by Eastern Analytical Services, Inc. November 18, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 21, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 4

Date Collected : 11/17/97  
 Collected By : T. Akbas  
 Date Received : 11/18/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. : 101646-0  
 NYS Lab No. : 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	1050	1051	1052	1053
Layer Number				
Lab ID Number	752690	752691	752692	752693
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation
Appearance	Layered	No	Yes	No
	Homogenous	Yes	No	Yes
	Fibrous	Yes	No	Yes
	Color	Green	Brown/Gray	Black
Sample Treatment	None	None	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	< 1.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	< 1.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0	0.0
	% Cellulose	2.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	1.8
Non-Fibrous Materials Present	% Silicates	98.0	10.0	0.0
	% Carbonates	0.0	90.0	0.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	93.0 Binders
			98.2	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

NIH Accreditation No. 415 Rhode Island DOH No. 861-02273 Massachusetts DOH No. 6-A-000072 Connecticut DOH No. PH-0625 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 4

Date Collected : 11/17/97  
 Collected By : T. Akbas  
 Date Received : 11/18/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature:   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	1054	1055	1056	1057	
Layer Number					
Lab ID Number	752694	752695	752696	752697	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Stratified PC	
Appearance	Layered Homogenous Fibrous Color	Yes No No Tan/Beige	No Yes Yes Black	Yes No No Green/Yellow/Black	No Yes Yes Black
Sample Treatment	Homogenized	None	Homogenized	None	
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	2.3	3.5
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	2.3	3.5
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials Present	% Cellulose	3.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	15.0	0.0	0.0
Non-Fibrous	% Silicates	5.0	10.0	0.0	0.0
Materials Present	% Carbonates	92.0	55.0	0.0	0.0
	% Other	0.0	20.0	0.0	0.0
	% Unidentified	0.0	0.0	97.7	96.5
			Binders		


Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing  
 NYS Accreditation No. 415 Rhode Island DOH No. AL-022T3 Massachusetts EOL No. A-900472 Connecticut EOL No. PH-0632 Maine DEP No. LA-024 Vermont DOH No. AAS-3095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 4

Date Collected : 11/17/97  
 Collected By : T. Akbas  
 Date Received : 11/18/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. : 101646-0  
 NYS Lab No. : 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	1058	1059
Layer Number		
Lab ID Number	752698	752699
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation
Appearance		
Layered	Yes	Yes
Homogenous	No	No
Fibrous	No	Yes
Color	Brown/Black	Black/Gray

Sample Treatment	Homogenized	Homogenized
Asbestos Content		
% Amosite	0.0	0.0
% Chrysotile	0.0	0.0
% Other	0.0	0.0
% Total Asbestos	0.0	0.0
Other Fibrous Materials Present		
% Fibrous Glass	0.0	2.0
% Cellulose	2.0	3.0
% Other	0.0	0.0
% Unidentified	0.0	0.0
Non-Fibrous Materials Present		
% Silicates	15.0	20.0
% Carbonates	63.0	0.0
% Other	20.0 Binders	75.0 Binders
% Unidentified	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ILHA Accreditation No. 415 Rhode Island EOH No. AAL-677T3 Massachusetts DEP No. A-A-00067C Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT (Building 4)  
**CONTACT:** Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
<del>111897</del> - 1050	
<del>111897</del> - 1051	752690
<del>111897</del> - 1052	752691
<del>111897</del> - 1053	752692
<del>111897</del> - 1054	752693
<del>111897</del> - 1055	752694
<del>111897</del> - 1056	752695
<del>111897</del> - 1057	752696
<del>111897</del> - 1058	752697
<del>111897</del> - 1059	752698 752699

The above 10 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on November 18, 1997.

Relinquished by: Terril Akbas Date: 11/18/97 Time: \_\_\_\_\_

Received by: [Signature] Date: \_\_\_\_\_ Time: NOV 18 '97 16:52

\*AS LABELED ON SAMPLES  
 INITIALS/DATE MP 11/19/97

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

**Client:** Malcolm Pirnie, Inc. **Lab #'s** \_\_\_\_\_  
104 Corporate Park Dr.  
White Plains, NY 10602

**Analyte:** ASBESTOS **Turn-Around** 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2wk

**Number of Samples:** 10 **Shipped Via:** US Mail \_\_\_\_\_ Walk In X  
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

**State of Origin:** NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

**Project Name/Number:** Stratford Army Engine Plant **Sample Disposition** \_\_\_\_\_  
Building 4 Asbestos Survey (Std.) (Other)

**Sampled By:** Terri Akbas Terri Akbas 11/17/97  
 Name (Print or Type) Signature Date

**Submitted By:** Terri Akbas Terri Akbas 11/18/97  
 Name (Print or Type) Signature Date

**Comments:** \_\_\_\_\_

**FOR LABORATORY USE ONLY**

**Account Number:** \_\_\_\_\_ **Project Number:** \_\_\_\_\_ **Batch Number:** \_\_\_\_\_

**Received By:** D. Schmidt [Signature] NOV 18 '97 16:52   
 Name (Print) Signature Date Time

**Logged-In By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Prepped By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Checked By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Analyzed By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Re-Analyzed By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Checked By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Logged-Out By:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707717  
Turn-Around: 2 Week  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 10  
Received:

No. of Samples 10  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 4  
Number/Name:

Lab ID Numbers 752690-752699

Collected By: T. Akbas

\_\_\_\_\_  
Signature

Date: 11/17/97

Received By: Scott Schmidt




Date: 11/18/97 Time: 1652

Logged In By: Marita Prado



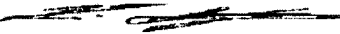
Date: 11/19/97

Prepped By: Marita Prado



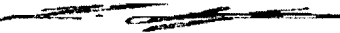
Date: 11/20/97

Analyzed By: Kevin Stascavage



Date: 11/21/97 Time: 1700

Re-Analyzed By: Kevin Stascavage



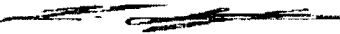
Date: 11/23/97

Checked By: Kevin Stascavage



Date: 11/21/97

Faxed By: Kevin Stascavage



Date: 11/21/97 Time: 2141

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 24, 1997

Mr. Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Dear Mr. Tseng

Enclosed please find the laboratory results for the 4 bulk samples received by Eastern Analytical Services, Inc. November 18, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 21, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 6

Date Collected : 11/17/97  
 Collected By : T. Akbas  
 Date Received : 11/18/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	1060	1061	1062	1063
Layer Number				
Lab ID Number	752805	752806	752807	752808
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Stratified PC	Visual Estimation	Visual Estimation	Visual Estimation
Appearance				
Layered	No	No	No	No
Homogenous	Yes	Yes	Yes	Yes
Fibrous	Yes	Yes	No	Yes
Color	Gray	Green	Gray/Green	Red
Sample Treatment	None	None	None	None
Asbestos Content				
% Amosite	31.8	0.0	0.0	0.0
% Chrysotile	6.8	0.0	0.0	0.0
% Other	0.0	0.0	0.0	0.0
% Total Asbestos	38.6	0.0	0.0	0.0
Other Fibrous Materials Present				
% Fibrous Glass	0.0	0.0	15.0	0.0
% Cellulose	0.0	2.0	0.0	10.0
% Other	0.0	0.0	0.0	0.0
% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous Materials Present				
% Silicates	0.0	30.0	20.0	90.0
% Carbonates	0.0	0.0	65.0	0.0
% Other	0.0	68.0	0.0	0.0
% Unidentified	61.4	0.0	0.0	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ILHA Accreditation No. 418 Rhode Island DOH No. AAL-6773 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 6)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
111897- 1060	752805
111897- 1061	752806
111897- 1062	752807
111897- 1063	752808

The above 4 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 18, 1997.

Relinquished by: Terry Akao Date: 11/18/97 Time: \_\_\_\_\_

Received by: [Signature] Date: \_\_\_\_\_ Time: NOV 18 '97 16:52

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Dr.  
White Plains, NY 10602

Lab #'s \_\_\_\_\_

Analyte: ASBESTOS

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2wk

No. of Samples: 4

Shipped Via: US Mail \_\_\_\_\_ Walk In X  
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Army Engine Plant  
Building 6 Asbestos Survey

Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Sampled By: Terri Akbas  
Name (Print or Type)

Terri Akbas  
Signature

11/17/97  
Date

Submitted By: Terri Akbas  
Name (Print or Type)

Terri Akbas  
Signature

11/18/97  
Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: S. Schmidt [Signature] NOV 18 '97 18:52   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707748

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 4  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 4  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 6  
Number/Name:


Lab ID Numbers 752805-752808

Collected By: T. Akbas

\_\_\_\_\_  
Signature

Date: 11/17/97

Received By: Scott Schmidt



Date: 11/18/97 Time: 1652

Logged In By: Marita Prado



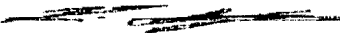
Date: 11/20/97

Prepped By: Marita Prado



Date: 11/20/97

Analyzed By: Kevin Stascavage




Date: 11/21/97 Time: 1624

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage



Date: 11/21/97

Faxed By: Kevin Stascavage



Date: 11/21/97 Time: 2143

Logged Out By:

Date:





# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

November 24, 1997

Mr. Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 16

Dear Mr. Tseng

Enclosed please find the laboratory results for the 5 bulk samples received by Eastern Analytical Services, Inc. November 18, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 21, 1997  
914-641-2455



**Eastern Analytical Services, Inc.**

**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant - Building 16

Date Collected :	11/17/97	Client:	Malcolm Pirnie, Inc.
Collected By :	T. Akbas		104 Corporate Park Drive
Date Received :	11/18/97		Box 751
Date Analyzed :	11/21/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	1064	1065	1066	1067
Layer Number				
Lab ID Number	752809	752810	752811	752812
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------	-----------

Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation
Appearance Layered	No	No	Yes	No
Homogenous	Yes	Yes	No	Yes
Fibrous	Yes	Yes	No	Yes
Color	Gray	Gray	Beige/Green/Black	Black

Sample Treatment	None	None	Homogenized	None
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 0.0	0.0	1.8	0.0
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 0.0	0.0	1.8	0.0
Other Fibrous Materials Present	% Fibrous Glass 35.0	30.0	0.0	0.0
	% Cellulose 5.0	0.0	0.0	3.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 60.0	70.0	0.0	5.0
	% Carbonates 0.0	0.0	0.0	20.0
	% Other 0.0	0.0	0.0	72.0 Binders
	% Unidentified 0.0	0.0	98.2	0.0

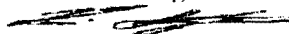
Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
 IHA Accreditation No. 416 Rhode Island DOH No. AAL-07-23 Massachusetts DCL No. A.A.000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 16

Date Collected : 11/17/97  
 Collected By : T. Akbas  
 Date Received : 11/18/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 1068

Layer Number

Lab ID Number 752813

Sample Location Not Given

Sample Description Not Given

Method of Quantification	Visual Estimation
Appearance Layered	Yes
Homogenous	No
Fibrous	No
Color	Gray/Black/Tan

Sample Treatment	Homogenized
------------------	-------------

Asbestos	% Amosite	0.0
Content	% Chrysotile	0.0
	% Other	0.0
	% Total Asbestos	0.0
Other Fibrous	% Fibrous Glass	0.0
Materials Present	% Cellulose	0.0
	% Other	0.0
	% Unidentified	0.0
Non-Fibrous Materials Present	% Silicates	25.0
	% Carbonates	0.0
	% Other	75.0 Binders
	% Unidentified	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 AIHA Accreditation No. 418 Rhode Island DOH No. AAL-02273 Massachusetts DCL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-3035

# CHAIN OF CUSTODY

PROJECT: Stratford Army Engine Plant, Stratford, CT (Building 16)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments	
111897- 1064		752809
111897- 1065		752810
111897- 1066		752811
111897- 1067		752812
111897- 1068		752813

The above 5 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on November 18, 1997.

Relinquished by: Terril Y. Akers Date: 11/18/97 Time: NOV 18 '97 16:52

Received by: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc. Lab #'s \_\_\_\_\_  
104 Corporate Park Dr.  
White Plains, NY 10602

Analyte: ASBESTOS Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
 48 Hr 3-5 Day Other 2WK

No. of Samples: 5 Shipped Via: US Mail \_\_\_\_\_ Walk In X  
 Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
 UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
 Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
 EAS Collected \_\_\_\_\_

State of Origin: NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Army Engine Plant Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_  
Building 16 Asbestos Survey

Sampled By: Terril Akbas Terril Akbas 11/17/97  
Name (Print or Type) Signature Date

Submitted By: Terril Akbas Terril J. Akbas 11/16/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_  
 \_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number:	Project Number:	Batch Number:	
Received By: <u>S. Schmidt</u>	<u>[Signature]</u>	<u>NOV 18 '97</u>	<u>16:52</u>
<small>Name (Print)</small>	<small>Signature</small>	<small>Date</small>	<small>Time</small>
Logged-In By: _____	_____	_____	<input type="checkbox"/>
Prepped By: _____	_____	_____	<input type="checkbox"/>
Prepped By: _____	_____	_____	<input type="checkbox"/>
Analyzed By: _____	_____	_____	<input type="checkbox"/>
Analyzed By: _____	_____	_____	<input type="checkbox"/>
Re-Analyzed By: _____	_____	_____	<input type="checkbox"/>
Checked By: _____	_____	_____	<input type="checkbox"/>
Logged-Out By: _____	_____	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707749

Turn-Around: 2 Week

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 5  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 5  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 16  
Number/Name:

Lab ID Numbers 752809-752813

Collected By: T. Akbas

\_\_\_\_\_  
Signature

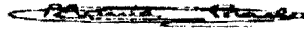
Date: 11/17/97

Received By: Scott Schmidt



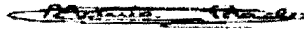
Date: 11/18/97 Time: 1652

Logged In By: Marita Prado



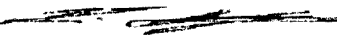
Date: 11/20/97

Prepped By: Marita Prado



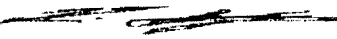
Date: 11/20/97

Analyzed By: Kevin Stascavage



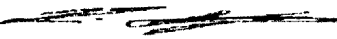
Date: 11/21/97 Time: 1557

Re-Analyzed By: Kevin Stascavage



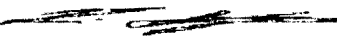
Date: 11/23/97

Checked By: Kevin Stascavage



Date: 11/21/97

Faxed By: Kevin Stascavage



Date: 11/21/97 Time: 2146

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASinc.com>

Fax (914) 592-8956

November 24, 1997

Mr. Antony Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3

Dear Mr. Tseng

Enclosed please find the laboratory results for the 13 bulk samples received by Eastern Analytical Services, Inc. November 18, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASinc.com](mailto:Lab@EASinc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed November 21, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3

Date Collected :	11/17/97	Client:	Malcolm Pirnie, Inc.
Collected By :	T. Akbas		104 Corporate Park Drive
Date Received :	11/18/97		Box 751
Date Analyzed :	11/21/97		White Plains, NY 10602
Analyzed By :	Kevin Stascavage		
Signature :			
Analytical Method :	EPA-600/M4-82-020/NYS-DOH 198.1		
NVLAP Lab No.	101646-0		
NYS Lab No.	10851		

Sample ID Number	1069	1070	1071	1072
Layer Number				
Lab ID Number	752814	752815	752816	752817
Sample Location	Not Given	Not Given	Not Given	Not Given

Sample Description	Not Given	Not Given	Not Given	Not Given
--------------------	-----------	-----------	-----------	-----------

Method of Quantification		Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No	No	No
	Homogenous	No	Yes	Yes	Yes
	Fibrous	No	No	Yes	No
	Color	White/Yellow	Green/Black/Gray	Black/Gray	Brown/Black

Sample Treatment		Homogenized	None	None	None
Asbestos	% Amosite	0.0	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0	0.0
	% Other	0.0	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	0.0	0.0	0.0	0.0
Materials	% Cellulose	3.0	5.0	10.0	2.0
Present	% Other	0.0	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0
Non-Fibrous	% Silicates	97.0	95.0	25.0	98.0
Materials	% Carbonates	0.0	0.0	0.0	0.0
Present	% Other	0.0	0.0	65.0	0.0
	% Unidentified	0.0	0.0	0.0	0.0

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing  
 EPA Accreditation No. 418 Rhode Island DOH No. A-01-07377 Massachusetts PCL No. A-A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095





# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3

Date Collected : 11/17/97  
 Collected By : T. Akbas  
 Date Received : 11/18/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	1073	1074	1075	1076	
Layer Number					
Lab ID Number	752818	752819	752820	752821	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Stratified PC	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	No Yes No Beige	Yes No Yes Tan/Black/Silver/ Gray	No Yes No Brown/Gray	No Yes Yes Black/Gray
Sample Treatment	None	Homogenized	None	None	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 8.5 0.0 8.5	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	35.0 0.0 0.0 0.0	0.0 55.0 0.0 0.0	0.0 0.0 0.0 1.3	0.0 0.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	25.0 40.0 0.0 0.0	35.0 0.0 10.0 0.0	0.0 0.0 0.0 90.2	5.0 0.0 95.0 0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

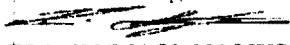
ILHA Accreditation No. 416 Rhode Island DOH No. 6AL-0723 Massachusetts EOL No. AA-000073 Connecticut DOH No. PH-0622 Maine DEP No. LA-014 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3

Date Collected : 11/17/97  
 Collected By : T. Akbas  
 Date Received : 11/18/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	1077	1078	1079	1080
Layer Number				
Lab ID Number	752822	752823	752824	752825
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	No	No
	Color	Beige/Gray	Gray/Brown/Green	Pink/Gray/Black/Tan
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	20.0	0.0	0.0
	% Cellulose	35.0	0.0	3.0
	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	20.0	85.0	20.0
	% Carbonates	0.0	15.0	62.0
	% Other	25.0	0.0	15.0
	% Unidentified	0.0	0.0	0.0
			Perlite	Binders

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing


ILHA Accreditation No. 418 Rhode Island DOH No. AAL-07-73 Massachusetts DOL No. A-A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant - Building 3

Date Collected : 11/17/97  
 Collected By : T. Akbas  
 Date Received : 11/18/97  
 Date Analyzed : 11/21/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number 1081

Layer Number

Lab ID Number 752826

Sample Location Not Given

Sample Description Not Given

Method of Quantification Stratified PC

Appearance	Layered	Yes
	Homogenous	No
	Fibrous	Yes
	Color	Black/Beige/Gray

Sample Treatment Homogenized

Asbestos	% Amosite	0.0
Content	% Chrysotile	4.3
	% Other	0.0
	% Total Asbestos	4.3

Other Fibrous	% Fibrous Glass	0.0
Materials	% Cellulose	0.0
Present	% Other	0.0
	% Unidentified	6.5

Non-Fibrous	% Silicates	0.0
Materials	% Carbonates	0.0
Present	% Other	0.0
	% Unidentified	89.2

Results Applicable To Those Items Tested  
 Liability Limited To Cost Of Analysis  
 These Results Can Not Be Used To Claim That NOE Items Tested Are Non-Asbestos Containing  
 SIHA Accreditation No. 418 Rhode Island DOH No. A-31-022T3 Massachusetts DCL No. A-A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095


# CHAIN OF CUSTODY

**PROJECT:** Stratford Army Engine Plant, Stratford, CT (Building 3)  
**CONTACT:** Antony Tseng, Malcolm Pimie, Inc. (914) 641-2466  
**ANALYSIS:** Polarized Light Method EPA-600/M4-82-020  
**LABORATORY:** Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
111897- 1069	
111897- 1070	
111897- 1071	
111897- 1072	
111897- 1073	
111897- 1074	
111897- 1075	
111897- 1076	
111897- 1077	
111897- 1078	
111897- 1079	
111897- 1080	
111897- 1081	

The above 13 samples were sent by Malcolm Pimie, Inc. to Eastern Analytical Services, Inc. on November 18, 1997.

Relinquished by: Terril A. Akers Date: 11/10/97 Time: \_\_\_\_\_

Received by:  Date: \_\_\_\_\_ Time: NOV 18 1997 16:52

**Eastern Analytical Services, Inc.**  
914-592-8380

**CHAIN OF CUSTODY**

EAS Client: Malcolm Pirnie, Inc.  
104 CORPORATE PARK DR.  
White Plains, NY 10602

Lab #'s \_\_\_\_\_

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 2wk

Analyte: ASBESTOS

Shipped Via: US Mail \_\_\_\_\_ Walk In X  
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

No. of Samples: 13

State of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: Stratford Army Engine Plant  
Building 3 Asbestos Survey

Sample Disposition \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Sampled By: TERRI AKBAS  
Name (Print or Type)

TERRI AKBAS  
Signature

11/17/97  
Date

Submitted By: TERRI AKBAS  
Name (Print or Type)

TERRI AKBAS  
Signature

11/18/97  
Date

Comments: \_\_\_\_\_  
\_\_\_\_\_

**FOR LABORATORY USE ONLY**

Account Number: \_\_\_\_\_ Project Number: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Received By: S. Schmitt [Signature] NOV 18 '97 15:52   
Name (Print) Signature Date Time

Logged-In By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Prepped By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Re-Analyzed By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Checked By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Logged-Out By: \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9707750

Turn-Around: 2 Week

Shipped Via: Walk In

State of Origin: CT

Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 13  
Received:

No. of Samples 13  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant - Building 3  
Number/Name:

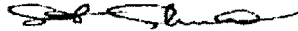
Lab ID Numbers 752814-752826

Collected By: T. Akbas

\_\_\_\_\_  
Signature

Date: 11/17/97

Received By: Scott Schmidt



Date: 11/18/97

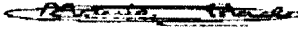
Time: 1652

Logged In By: Marita Prado



Date: 11/20/97

Prepped By: Marita Prado



Date: 11/21/97

Analyzed By: Kevin Stascavage



Date: 11/21/97

Time: 1800

Re-Analyzed By: Kevin Stascavage



Date: 11/23/97

Checked By: Kevin Stascavage



Date: 11/21/97

Faxed By: Kevin Stascavage



Date: 11/21/97

Time: 2230

Logged Out By:

Date:

Phone 914-592-8380

e-mail Lab@EASInc.com

Fax 914-592-8956



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

December 08, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 3

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 2 bulk samples received by Eastern Analytical Services, Inc. December 05, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

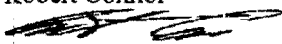
Faxed December 05, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 3

Date Collected : 12/05/97  
 Collected By : Antony S. Tseng  
 Date Received : 12/05/97  
 Date Analyzed : 12/05/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	120497-1082	120497-1083
------------------	-------------	-------------

Layer Number

Lab ID Number	754261	754262
Sample Location	Not Given	Not Given

Sample Description	Not Given	Not Given
--------------------	-----------	-----------

Method of Quantification	Stratified PC	Visual Estimation
Appearance Layered	Yes	Yes
Homogenous	No	No
Fibrous	No	Yes
Color	Green/Black/Gray	Black/Gray

Sample Treatment	Homogenized	Homogenized
Asbestos		
% Amosite	0.0	0.0
% Chrysotile	3.3	0.0
% Other	0.0	0.0
% Total Asbestos	3.3	0.0
Other Fibrous		
% Fibrous Glass	0.0	0.0
% Cellulose	0.0	10.0
% Other	0.0	0.0
% Unidentified	1.6	0.0
Non-Fibrous		
% Silicates	0.0	50.0
% Carbonates	0.0	0.0
% Other	0.0	40.0 Binders
% Unidentified	95.1	0.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

RI Reg. No. 415, RI Reg. No. A-1-0721, Massachusetts DOL No. A-000072, Connecticut DOH No. PH-0622, Maine DEP No. LA-024, Vermont DOH No. AAS-2095



Building 3

3 (circled)

PROJECT: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT (Building 3)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
120497- 1082	754261
120497- 1083	754262

The above 2 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on Decemeber 4, 1997.

Relinquished by: Antony Tseng Date: 12/5/97 Time: 0900

Received by: Gary (EAS) Date: 12/5/97 Time: 0900

DEC 5 '97 9:13

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

AS Client: Malcolm Pirnie, Inc. Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Analyte: % Asbestos

No. of Samples: 2

Date of Origin: NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

Client Project Name/Number: 0285655 Stratford Army Depot Plant  
Stratford, CT Building 3 Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Collected By: Antony S. Tseng [Signature] 12/5/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng [Signature] 12/5/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Account Number:	<u>920144</u>	Project Number:	_____	Batch Number:	_____			
Received By:	_____	Signature	_____	Date	<u>DEC 5 '97</u>	Time	<u>9:13</u>	<input type="checkbox"/>
Logged-In By:	_____	Signature	_____	Date	_____	Time	_____	<input type="checkbox"/>
Prepped By:	_____	Signature	_____	Date	_____	Time	_____	<input type="checkbox"/>
Prepped By:	_____	Signature	_____	Date	_____	Time	_____	<input type="checkbox"/>
Analyzed By:	_____	Signature	_____	Date	_____	Time	_____	<input type="checkbox"/>
Analyzed By:	_____	Signature	_____	Date	_____	Time	_____	<input type="checkbox"/>
Re-Analyzed By:	_____	Signature	_____	Date	_____	Time	_____	<input type="checkbox"/>
Checked By:	_____	Signature	_____	Date	_____	Time	_____	<input type="checkbox"/>
Logged-Out By:	_____	Signature	_____	Date	_____	Time	_____	<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9708023

Turn-Around: 3-5 Day

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 2  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 2  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT -  
Number/Name: Building 3



Lab ID Numbers 754261-754262

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 12/05/97

Received By: Ernest Sanchez  
Marita Prado

Date: 12/05/97

Time: 0913

Logged In By: Marita Prado



Date: 12/05/97

Prepped By: Marita Prado



Date: 12/05/97

Analyzed By: Robert Connor



Date: 12/05/97

Time: 1941

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage



Date: 12/05/97

Faxed By: Kevin Stascavage



Date: 12/05/97

Time: 2220

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

December 08, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 12

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 6 bulk samples received by Eastern Analytical Services, Inc. December 05, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

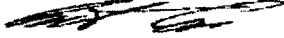
Faxed December 05, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 12

Date Collected : 12/05/97  
 Collected By : Antony S. Tseng  
 Date Received : 12/05/97  
 Date Analyzed : 12/05/97  
 Analyzed By : Robert Connor  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	120497-1084	120497-1085	120497-1086	120497-1087	
Layer Number					
Lab ID Number	754263	754264	754265	754266	
Sample Location	Not Given	Not Given	Not Given	Not Given	
Sample Description	Not Given	Not Given	Not Given	Not Given	
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation	
Appearance	Layered Homogenous Fibrous Color	Yes No Yes White/Gray/Brown	Yes No Yes Yellow/White/Gray/ Brown	Yes No Yes Blue/Black/Tan/ Beige	Yes No Yes Tan/Black/Gray/ Brown
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized	
Asbestos Content	% Amosite % Chrysotile % Other % Total Asbestos	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Other Fibrous Materials Present	% Fibrous Glass % Cellulose % Other % Unidentified	35.0 25.0 0.0 0.0	20.0 40.0 0.0 0.0	3.0 5.0 0.0 0.0	0.0 2.0 0.0 0.0
Non-Fibrous Materials Present	% Silicates % Carbonates % Other % Unidentified	30.0 0.0 10.0 0.0	40.0 0.0 0.0 0.0	45.0 17.0 30.0 0.0	18.0 0.0 0.0 80.0

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ILHA Accreditation No. 416 Rhode Island DOH No. 61-023T3 Massachusetts EPH No. A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 12

Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Date Collected : 12/05/97  
Collected By : Antony S. Tseng  
Date Received : 12/05/97  
Date Analyzed : 12/05/97  
Analyzed By : Robert Connor  
Signature :   
Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
NVLAP Lab No. 101646-0  
NYS Lab No. 10851

Sample ID Number                    120497-1088                    120497-1089

Layer Number

Lab ID Number                    754267                    754268

Sample Location                    Not Given                    Not Given

Sample Description                    Not Given                    Not Given

Method of Quantification		Visual Estimation	Visual Estimation
Appearance	Layered	Yes	No
	Homogenous	No	Yes
	Fibrous	No	No
	Color	Blue/Black	Black/Gray

Sample Treatment		Homogenized	None
Asbestos Content	% Amosite	0.0	0.0
	% Chrysotile	0.0	0.0
	% Other	0.0	0.0
	% Total Asbestos	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	0.0	0.0
	% Cellulose	5.0	0.0
	% Other	0.0	0.0
	% Unidentified	0.0	0.0
Non-Fibrous Materials Present	% Silicates	10.0	20.0
	% Carbonates	55.0	0.0
	% Other Binders	30.0	80.0
	% Unidentified	0.0	0.0

Results Applicable To Those Items Tested  
Liability Limited To Cost Of Analysis  
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing  
EPA Accreditation No. 416 Rhode Island DOH No. AAS-07773 Massachusetts DOI No. A-000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

Building 12

PROJECT: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT (Building 12)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
120497- 1084	754263
120497- 1085	754264
120497- 1086	754265
120497- 1087	754266
120497- 1088	754267
120497- 1089	754268

The above 6 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on December 4, 1997.

Relinquished by: *Antony Tseng* Date: 12/5/97 Time: 0900

Received by: *E. Tseng* Date: 12/5/97 Time: 0900  
(EAS)

DEC 5 '97 9:13

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

**Client:** Malcolm Pirnie, Inc. **Lab #s** \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

**Sample Type:** % Asbestos **Turn-Around:** 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day 3 days

**Number of Samples:** 6 **Shipped Via:** US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

**State of Origin:** NY  CT  NJ  PA  MA   
RI  ME  VT  Other \_\_\_\_\_

**Project Name/Number:** 0285655 Stratford Army Depot Plant **Sample Disposition** \_\_\_\_\_  
Stratford, CT Building 12 (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

**Collected By:** Antony S. Tseng Antony A Tseng 12/5/97  
Name (Print or Type) Signature Date

**Submitted By:** Antony S. Tseng Antony A Tseng 12/5/97  
Name (Print or Type) Signature Date

**Comments:** \_\_\_\_\_

### FOR LABORATORY USE ONLY

Count Number:	Project Number:	Batch Number:	
Received By:			<u>DEC 5 '97</u> <u>9:43</u> <input type="checkbox"/> Name (Print) Signature Date Time
Received-In By:			<input type="checkbox"/>
Prepared By:			<input type="checkbox"/>
Checked By:			<input type="checkbox"/>
Analyzed By:			<input type="checkbox"/>
Re-analyzed By:			<input type="checkbox"/>
Finalized By:			<input type="checkbox"/>
Released By:			<input type="checkbox"/>
Shipped-Out By:			<input type="checkbox"/>



**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9708024

Turn-Around: 3-5 Day

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples Received: 6

Sample Disposition: Standard x  
Return

No. of Samples Analyzed: 6

Client Project RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT -  
Number/Name: Building 12

Lab ID Numbers 754263-754268

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 12/05/97

Received By: Ernest Sanchez  
Marita Prado


Date: 12/05/97


Time: 0913

Logged In By: Marita Prado



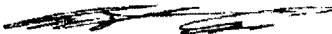
Date: 12/05/97

Prepped By: Marita Prado



Date: 12/05/97

Analyzed By: Robert Connor



Date: 12/05/97

Time: 1954

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage



Date: 12/05/97

Faxed By: Kevin Stascavage



Date: 12/05/97

Time: 2225

Logged Out By:

Date:



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

December 09, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 10

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 7 bulk samples received by Eastern Analytical Services, Inc. December 05, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'K. Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om

Enclosures

Faxed December 09, 1997  
914-641-2455



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 10

Date Collected : 12/05/97  
 Collected By : Antony S. Tseng  
 Date Received : 12/05/97  
 Date Analyzed : 12/09/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	120497-1090	120497-1091	120497-1092	120497-1093
Layer Number				
Lab ID Number	754500	754501	754502	754503
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	Yes
	Color	White/Gray/Tan	Gray/Blue/White	Gray/White
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	0.0	0.0	0.0
	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous Materials Present	% Fibrous Glass	20.0	10.0	15.0
	% Cellulose	35.0	3.0	40.0
	% Other	0.0	15.0 Talc	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates	20.0	30.0	25.0
	% Carbonates	0.0	42.0	0.0
	% Other	25.0 Perlite	0.0	20.0 Perlite
	% Unidentified	0.0	0.0	0.0
				75.0 Binders

Results Applicable To Those Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing


AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000073 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 10

Date Collected : 12/05/97  
 Collected By : Antony S. Tseng  
 Date Received : 12/05/97  
 Date Analyzed : 12/09/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	120497-1094	120497-1095	120497-1096
Layer Number			
Lab ID Number	754504	754505	754506
Sample Location	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Stratified PC	Stratified PC
Appearance			
Layered	No	No	Yes
Homogenous	Yes	No	No
Fibrous	No	No	No
Color	Black	Gray/White	Gray/White/Rust/ Yellow
Sample Treatment	None	Homogenized	Homogenized
Asbestos			
% Amosite	0.0	0.0	0.0
% Chrysotile	0.0	1.5	1.8
% Other	0.0	0.0	0.0
% Total Asbestos	0.0	1.5	1.8
Other Fibrous			
% Fibrous Glass	0.0	0.0	0.0
Materials			
% Cellulose	3.0	0.0	0.0
Present			
% Other	0.0	0.0	0.0
% Unidentified	0.0	2.0	1.5
Non-Fibrous			
% Silicates	20.0	0.0	0.0
Materials			
% Carbonates	0.0	0.0	0.0
Present			
% Other	77.0 Binders	0.0	0.0
% Unidentified	0.0	96.5	96.7

Results Applicable To These Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing

ALHA Accreditation No. 418 Rhode Island DOH No. AAL-07273 Massachusetts DOL No. A.A. 000072 Connecticut DOH No. PH-6622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

Building 10

10 (AT)

PROJECT: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT (Building 12)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
120497- 1090	754500
120497- 1091	754501
120497- 1092	754502
120497- 1093	754503
120497- 1094	754504
120497- 1095	754505
120497- 1096	754505

The above 7 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc.  
on December 4, 1997.

Relinquished by: *Antony Tseng* Date: 12/5/97 Time: 0900  
Received by: *Jerry* Date: 12/5/97 Time: 0900  
(EAS)

DEC 5 '97 9:12

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Malcolm Pirnie, Inc. Lab #'s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Type: Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 3 days

Number of Samples: 7

State of Origin: NY  CT  NJ  PA  MA   
RI  MB  VT  Other \_\_\_\_\_

Shipped Via: US Mail \_\_\_\_\_ Walk In   
Fed Exp \_\_\_\_\_ US Exp \_\_\_\_\_  
UPS Exp \_\_\_\_\_ UPS \_\_\_\_\_  
Drop Box \_\_\_\_\_ Other \_\_\_\_\_  
EAS Collected \_\_\_\_\_

Project Number: 0285655 Stratford Army Depot Plant Sample  
Stratford, CT Building 10 Disposition \_\_\_\_\_ (Std.) \_\_\_\_\_ (Other)

Collected By: Antony S. Tseng Antony S. Tseng 12/5/97  
Name (Print or Type) Signature Date

Shipped By: Antony S. Tseng Antony S. Tseng 12/5/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Count Number:	Project Number:	Batch Number:	
<u>E. Sanchez</u> Name (Print)	<u>E. Sanchez</u> Signature	<u>12/5/97</u> Date	<input type="checkbox"/>
Received By:			<input type="checkbox"/>
Revised-In By:			<input type="checkbox"/>
Revised By:			<input type="checkbox"/>
Revised By:			<input type="checkbox"/>
Analyzed By:			<input type="checkbox"/>
Analyzed By:			<input type="checkbox"/>
Analyzed By:			<input type="checkbox"/>
Checked By:			<input type="checkbox"/>
Revised-Out By:			<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9708025  
Turn-Around: 3-5 Day  
Shipped Via: Walk In  
State of Origin: CT  
Sample Disposition: Standard x  
Return

Analyte: % Asb

No. of Samples 7  
Received:

No. of Samples 7  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT -  
Number/Name: Building 10

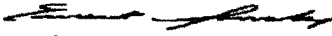

Lab ID Numbers 754500-754506

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

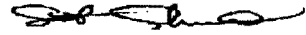
Date: 12/05/97

Received By: Ernest Sanchez  
Marita Prado

Date: 12/05/97 Time: 0912

Logged In By: Scott Schmidt



Date: 12/08/97

Prepped By: Marita Prado



Date: 12/08/97

Analyzed By: Kevin Stascavage

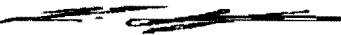


Date: 12/09/97 Time: 1123

Re-Analyzed By:

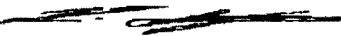
Date:

Checked By: Kevin Stascavage



Date: 12/09/97

Faxed By: Kevin Stascavage



Date: 12/09/97 Time: 1151

Logged Out By: Kevin Stascavage



Date: 12/09/97



# Eastern Analytical Services, Inc.

Phone (914) 592-8380

4 Westchester Plaza  
Elmsford, New York 10523-1610  
<http://www.EASInc.com>

Fax (914) 592-8956

December 09, 1997

Antony S. Tseng  
Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 1

Dear Antony S. Tseng

Enclosed please find the laboratory results for the 8 bulk samples received by Eastern Analytical Services, Inc. December 05, 1997. The analysis was performed in accordance with EPA-600/M4-82-020 and NYS-DOH Item 198.1.

Thank you for allowing EAS, Inc. to provide Malcolm Pirnie, Inc. with professional analytical services. If you have any questions or require additional information or assistance, please feel free to contact me at the number above or e-mail [Lab@EASInc.com](mailto:Lab@EASInc.com).

Sincerely,

EASTERN ANALYTICAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Kevin Stascavage', is written over a horizontal line.

Kevin Stascavage  
Microscopy Lab Manager

KS:om


Enclosures

Faxed December 09, 1997  
914-641-2455



**Bulk Sample Results**

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 1

Date Collected : 12/05/97  
 Collected By : Antony S. Tseng  
 Date Received : 12/05/97  
 Date Analyzed : 12/09/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	120497-1097	120497-1098	120497-1099	120497-1100
Layer Number				
Lab ID Number	754515	754516	754517	754518
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Stratified PC
Appearance	Layered	Yes	Yes	Yes
	Homogenous	No	No	No
	Fibrous	Yes	Yes	No
	Color	Gray/White	Gray/White	White/Brown
		Gray/White	White/Brown	Gray/Brown/White
Sample Treatment	Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite 0.0	0.0	0.0	0.0
	% Chrysotile 0.0	0.0	0.0	6.5
	% Other 0.0	0.0	0.0	0.0
	% Total Asbestos 0.0	0.0	0.0	6.5
Other Fibrous Materials Present	% Fibrous Glass 25.0	20.0	0.0	0.0
	% Cellulose 40.0	35.0	0.0	0.0
	% Other 0.0	0.0	0.0	0.0
	% Unidentified 0.0	0.0	0.0	0.0
Non-Fibrous Materials Present	% Silicates 15.0	25.0	60.0	0.0
	% Carbonates 0.0	0.0	40.0	0.0
	% Other 20.0 Perlite	20.0 Perlite	0.0	0.0
	% Unidentified 0.0	0.0	0.0	93.5

Results Applicable To These Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That NDE Items Tested Are Non-Asbestos Containing

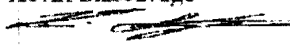
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. AA 000972 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095



# Eastern Analytical Services, Inc.

## Bulk Sample Results

RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT - Building 1

Date Collected : 12/05/97  
 Collected By : Antony S. Tseng  
 Date Received : 12/05/97  
 Date Analyzed : 12/09/97  
 Analyzed By : Kevin Stascavage  
 Signature :   
 Analytical Method : EPA-600/M4-82-020/NYS-DOH 198.1  
 NVLAP Lab No. 101646-0  
 NYS Lab No. 10851

Client: Malcolm Pirnie, Inc.  
 104 Corporate Park Drive  
 Box 751  
 White Plains, NY 10602

Sample ID Number	120497-1101	120497-1102	120497-1103	120497-1104
Layer Number				
Lab ID Number	754519	754520	754521	754522
Sample Location	Not Given	Not Given	Not Given	Not Given
Sample Description	Not Given	Not Given	Not Given	Not Given
Method of Quantification	Visual Estimation	Visual Estimation	Visual Estimation	Visual Estimation
Appearance	Layered	Yes	Yes	No
	Homogenous	No	No	Yes
	Fibrous	Yes	Yes	Yes
	Color	Gray/White	Tan/Brown/Gray	Gray/Tan
Sample Treatment	Homogenized	Homogenized	Homogenized	None
Asbestos	% Amosite	0.0	0.0	0.0
Content	% Chrysotile	0.0	0.0	0.0
	% Other	0.0	0.0	0.0
	% Total Asbestos	0.0	0.0	0.0
Other Fibrous	% Fibrous Glass	45.0	0.0	45.0
Materials	% Cellulose	0.0	45.0	0.0
Present	% Other	0.0	0.0	0.0
	% Unidentified	0.0	0.0	0.0
Non-Fibrous	% Silicates	35.0	55.0	35.0
Materials	% Carbonates	0.0	0.0	0.0
Present	% Other	20.0	Non-Fibrous Glass	20.0
	% Unidentified	0.0	0.0	0.0

Results Applicable To These Items Tested

Liability Limited To Cost Of Analysis

These Results Can Not Be Used To Claim That PCB Items Tested Are Non-Asbestos Containing

AIHA Accreditation No. 416 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A.A.000072 Connecticut DOH No. PH-0623 Maine DEF No. LA-024 Vermont DOH No. AAS-2095

Building 1

4 (AT)

PROJECT: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT (Building 12)  
CONTACT: Antony Tseng, Malcolm Pirnie, Inc. (914) 641-2466  
ANALYSIS: Polarized Light Method EPA-600/M4-82-020  
LABORATORY: Eastern Analytical Services, Inc. • 4 Westchester Plaza • Elmsford, NY 15023

Sample No.	Comments
120497- 1097	754575
120497- 1098	754576
120497- 1099	754577
120497- 1100	754578
120497- 1101	754579
120497- 1102	754580
120497- 1103	754581
120497- 1104	754582

The above 8 samples were sent by Malcolm Pirnie, Inc. to Eastern Analytical Services, Inc. on December 4, 1997.

Relinquished by: Antony Tseng Date: 12/5/97 Time: 0900

Received by: E. Tseng (EAS) Date: 12/5/97 Time: 0900

DEC 5 '97 9:12

# Eastern Analytical Services, Inc.

914-592-8380

## CHAIN OF CUSTODY

Client: Malcolm Pirnie, Inc. Lab #s \_\_\_\_\_  
104 Corporate Park Drive  
White Plains, NY 10602

Analyte: % Asbestos

Turn-Around: 06 Hr 12 Hr 24 Hr 30 Hr  
48 Hr 3-5 Day Other 3 days

Number of Samples: 8

Shipped Via:  US Mail  Walk In   
 Fed Exp  US Exp   
 UPS Exp  UPS   
 Drop Box  Other   
 EAS Collected

State of Origin:  NY  CT  NJ  PA  MA   
 RI  ME  VT  Other \_\_\_\_\_

Project Name/Number: 0285655 Stratford Army Depot Plant  
Stratford, CT Building 1 Sample Disposition (Std.) \_\_\_\_\_ (Other) \_\_\_\_\_

Collected By: Antony S. Tseng Signature: [Signature] Date: 12/5/97  
Name (Print or Type) Signature Date

Submitted By: Antony S. Tseng Signature: [Signature] Date: 12/5/97  
Name (Print or Type) Signature Date

Comments: \_\_\_\_\_

### FOR LABORATORY USE ONLY

Count Number:	Project Number:	Batch Number:		
Received By: <u>E. Seub</u> Name (Print)	<u>[Signature]</u> Signature	<u>DEC 5 '97</u> Date	<u>9:12</u> Time	<input checked="" type="checkbox"/>
Logged-In By:				<input type="checkbox"/>
Prepped By:				<input type="checkbox"/>
Checked By:				<input type="checkbox"/>
Analyzed By:				<input type="checkbox"/>
Re-analyzed By:				<input type="checkbox"/>
Final Analyzed By:				<input type="checkbox"/>
Checked By:				<input type="checkbox"/>
Logged-Out By:				<input type="checkbox"/>

**Eastern Analytical Services, Inc.**  
**Chain of Custody Form**

EAS Client: Malcolm Pirnie, Inc.  
104 Corporate Park Drive  
Box 751  
White Plains, NY 10602

Batch No. 9708026

Turn-Around: 3-5 Day

Shipped Via: Walk In

Analyte: % Asb

State of Origin: CT

No. of Samples 8  
Received:

Sample Disposition: Standard x  
Return

No. of Samples 8  
Analyzed:

Client Project RE: CPN 0285655 - Stratford Army Engine Plant, Stratford, CT -  
Number/Name: Building 1

Lab ID Numbers 754515-754522

Collected By: Antony S. Tseng

\_\_\_\_\_  
Signature

Date: 12/05/97

Received By: Ernest Sanchez  
Marita Prado


Date: 12/05/97

Time: 0912

Logged In By: Scott Schmidt



Date: 12/08/97

Prepped By: Marita Prado



Date: 12/08/97

Analyzed By: Kevin Stascavage



Date: 12/09/97

Time: 1137

Re-Analyzed By:

Date:

Checked By: Kevin Stascavage



Date: 12/09/97

Faxed By: Kevin Stascavage



Date: 12/09/97

Time: 1152

Logged Out By: Kevin Stascavage



Date: 12/09/97