

# **SURVEY REPORT**

## **PRE-RENOVATION/DEMOLITION INVESTIGATIVE SURVEY FOR HAZARDOUS BUILDING MATERIALS**

### **POMFRET MAINTENANCE FACILITY POMFRET, CONNECTICUT**

Project No. 111-0121

*Prepared for*

**State of Connecticut  
Department of Transportation**  
Newington, Connecticut

*Prepared by*

**TRC**  
Windsor, Connecticut

Issued  
August 2015

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Vice President - Program Manager

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Engineer in Charge

TRC Project No. 183572-5086-0710  
Issued-August 2015

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## PROJECT OUTLINE

DOT Project No.: 111-0121  
Assignment No.: 504-5086  
DOT Project Manager: Robert A. Reilly

Site Address: Pomfret Maintenance Facility  
31 Killingly Road, Pomfret, CT

TRC Project No.: 183572-5086-0710  
Asbestos Inspector: Hilton Hernandez (LIC #000424)  
David Heelon (LIC #000537)  
Lead Inspector: David Heelon (LIC #002188)  
Date(s) of Inspection: 5/5/15–5/9/15 & 7/25/15

Historic Significance: None

Asbestos Identified: Yes  
Lead Paint Identified: Yes  
Gen. Bldg. Mat. Haz Waste: No  
Concrete Recyclable as CTDEEP  
“Clean Fill:” No (fails RSR DEC criteria testing)  
Add'l Haz./Reg. Mat./Waste/Items: Yes (See Table 6)  
EPA PCB Caulk: Yes  
CTDEEP PCB Caulk: Yes  
PCB Impacted Substrate: Yes (presumed impact)  
PCB Impacted Soil/Surface Cover: Yes

### Additional Notes:

The property consists of a one-story brick maintenance facility which includes garage bays/offices, fuel island/pumps, and detached salt shed building and wood/concrete bunker. An exterior concrete slab and small wooden shed are located on the D-side of the building. Utilities were not shut-off prior to arrival as the building was still in use at the time of the inspection. A drinking water drilled well and numerous groundwater monitoring wells are scattered throughout the property. Private septic system services the property. There are underground fuel oil/gasoline/diesel storage tanks (UST) located in various exterior areas, one aboveground storage tank (AST) for MgCl adjacent to the salt shed, a gross particle separator and grit chamber/waste water UST, along with a flag pole and numerous overhead street light/poles. Prior existing survey data was also used where verifiable and current.

## **TABLES**

**TABLE 1  
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
<b>Enviromed Bulk Sampling Results – August/September 2001</b>			
01	Ground floor – Office 2 exterior window	WG1 – interior grey window glazing	NAD
02	Ground floor – Office 1 exterior window	WG1 – interior grey window glazing	NAD
03	Ground floor – Office 2 exterior window	WC1 – interior window caulking	NAD
04	Ground floor – Office 1 exterior window	WC1 – interior window caulking	NAD
05	Ground floor – Office 2 exterior window	WG1 – exterior window glazing type I	NAD
06	Ground floor – Office 1 exterior window	WG1 – exterior window glazing type I	NAD
07	Ground floor – Office 2 exterior window	WC2 – exterior window caulking type I	NAD
08	Ground floor – Office 1 exterior window	WC2 – exterior window caulking type I	<1%
09	Ground floor – Office 1 exterior door	DC1 – exterior door frame caulking type I	NAD
10	Ground floor – Office 1 exterior door	DC1 – exterior door frame caulking type I	NAD
11	Ground floor – wall between Bay 4 & Bay 5	EJ1 – wall expansion joint caulking	NAD
12	Ground floor – wall between Bay 4 & Bay 5	EJ1 – wall expansion joint caulking	NAD
13	Ground floor – wall between Bay 4 & Bay 5	EJ1 – floor expansion joint caulking	NAD
14	Ground floor – wall between Bay 4 & Bay 5	EJ1 – floor expansion joint caulking	NAD
15	Ground floor – Office 1 exterior door	DC2 – interior white door frame caulking	NAD
16	Ground floor – Office 1 exterior door	DC2 – interior white door frame caulking	NAD
17	Ground floor – Office 1	CB1 – 4” brown cove molding & associated glue	NAD
18	Ground floor – Office 1	CB1 – 4” brown cove molding & associated glue	NAD

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM

NA/PS Not analyzed/positive stop, homogeneous to sample proven to contain asbestos

ND<1% Non-detected, less than 1%

NAD No asbestos detected

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1 Result confirmed by TEM analyses

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**TABLE 1 (...continued)  
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POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
19	Ground floor – Office 1	Glue associated with CB1 – 4” brown cove molding	NAD
20	Ground floor – Office 1	Glue associated with CB1 – 4” brown cove molding	NAD
21	Ground floor – Ladies Room	CB2 – 4” black cove molding & associated glue	NAD
22	Ground floor – Ladies Room	CB2 – 4” black cove molding & associated glue	NAD
23	Ground floor – Ladies Room	Glue associated with CB2 – 4” black cove molding	NAD
24	Ground floor – Ladies Room	Glue associated with CB2 – 4” black cove molding	NAD
25	Ground floor – Ladies Room	JC1 – sheetrock	NAD
26	Ground floor – Ladies Room	JC1 – sheetrock	NAD
27	Ground floor – Ladies Room	JC1 – joint compound	NAD
28	Ground floor – Ladies Room	JC1 – joint compound	<1%
29	Ground floor – Ladies Room	JC1 – joint compound	NAD
30	Ground floor – Office 2	JC2 – ceiling board sheetrock	NAD
31	Ground floor – Office 2	JC2 – ceiling board sheetrock	NAD
32	Ground floor – Office 2	JC2 – joint compound	NAD
33	Ground floor – Office 2	JC2 – joint compound	NAD
34	Ground floor – Office 2	JC2 – joint compound	NAD
35	Ground floor – Office 2	T1 – transite wall	15%
36	Ground floor – Office 2	T1 – transite wall	10%
37	Ground floor – Office 2	FT1 – 12x12 gray/green vinyl floor tile	NAD
38	Ground floor – Office 2	FT1 – 12x12 gray/green vinyl floor tile	NAD
39	Ground floor – Office 2	Mastic associated with FT1 – 12x12 gray/green vinyl floor tile	NAD

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BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
40	Ground floor – Office 2	Mastic associated with FT1 – 12x12 gray/green vinyl floor tile	NAD
41	Ground floor – Office 2 interior door window	DWG1 – interior off-white door window glazing	NAD
42	Ground floor – Office 2 interior door window	DWG1 – interior off-white door window glazing	NAD
43	Ground floor – Ladies Room	CT1 – 2'x4' suspended ceiling tile	NAD
44	Ground floor – Ladies Room	CT1 – 2'x4' suspended ceiling tile	NAD
45	Ground floor – Men's Room	PL1 – ceiling plaster/skim coat – type I	NAD
46	Ground floor – Men's Room	PL1 – ceiling plaster/skim coat – type I	NAD
47	Ground floor – Men's Room	PL1 – ceiling plaster/skim coat – type I	NAD
48	Ground floor – Men's Room	PL1 – ceiling plaster/base coat – type I	NAD
49	Ground floor – Men's Room	PL1 – ceiling plaster/base coat – type I	NAD
50	Ground floor – Men's Room	PL1 – ceiling plaster/base coat – type I	NAD
51	Ground floor – Ladies Room	FT2 – 12x12 tan vinyl floor tile	NAD
52	Ground floor – Ladies Room	FT2 – 12x12 tan vinyl floor tile	NAD
53	Ground floor – Ladies Room	Mastic associated with FT2 – 12x12 tan vinyl floor tile	NAD
54	Ground floor – Ladies Room	Mastic associated with FT2 – 12x12 tan vinyl floor tile	NAD
55	Ground floor – Boiler Room	BC1 – Brown breeching cement	NAD
56	Ground floor – Boiler Room	BC1 – Brown breeching cement	NAD
57	Ground floor – Boiler Room	BC1 – Brown breeching cement	NAD
58	Ground floor – Boiler Room	BC1 – Brown breeching cement	NAD
59	Ground floor – Boiler Room	BC1 – Brown breeching cement	NAD
59A	Ground floor – Boiler Room	BC1 – Brown breeching cement	NAD
60	Ground floor – Boiler Room	BC2 – Tan/yellow breeching cement	NAD
61	Ground floor – Boiler Room	BC2 – Tan/yellow breeching cement	NAD
62	Ground floor – Boiler Room	BC2 – Tan/yellow breeching cement	NAD

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BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS  
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POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
63	Ground floor – Office 1 exterior door	DC3 – exterior door frame caulking type II	NAD
64	Ground floor – Office 1 exterior door	DC3 – exterior door frame caulking type II	NAD
65	Ground floor – Office 1 exterior door	WG2 – ext door window glazing type II	3%
66	Ground floor – Office 1 exterior door	WG2 – ext door window glazing type II	NA
67	Ground floor – Office 2 exterior window	WC3 – exterior window caulking type II	3%
68	Ground floor – Office 1 exterior window	WC3 – exterior window caulking type II	NA
69	Ground floor – Office 2 exterior window	WG1 – exterior window glazing type III	<1%
70	Ground floor – Office 1 exterior window	WG1 – exterior window glazing type III	<1%
71	Ground floor – Bay 1 exterior door	WC4 – exterior door frame caulking type III	NAD
72	Ground floor – Bay 1 exterior door	WC4 – exterior door frame caulking type III	NAD
73	Ground floor – Bay 1	C1 – garage door frame lintel caulking	NAD
74	Ground floor – Bay 1	C1 – garage door frame lintel caulking	NAD
75	Ground floor – column between Bay 3 & Bay 4	C1 – exterior caulking on bay column	NAD
76	Ground floor – column between Bay 3 & Bay 4	C1 – exterior caulking on bay column	NAD
77	Ground floor – Office 1 A/C unit	C2 – exterior caulking on A/C unit	NAD
78	Ground floor – Office 1 A/C unit	C2 – exterior caulking on A/C unit	NAD
79	Ground floor – Office 1 exterior door	WC2A – exterior door lintel caulking	3%
80	Ground floor – Office 1 exterior door	WC2A – exterior door lintel caulking	NA
81	Ground floor – Office 2 exterior window	WC2A – exterior window lintel caulking	5%
82	Ground floor – Office 2 exterior window	WC2A – exterior window lintel caulking	NA
83	Ground floor – exterior wall o/s Office 1	C3 – exterior phone wire caulking	5%

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**POMFRET MAINTENANCE FACILITY**  
**POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
84	Ground floor – exterior wall o/s Office 1	C3 – exterior phone wire caulking	NA
85	Ground floor – exterior wall o/s Office 1	C3 – exterior thermometer sensor caulking	NAD <sup>+</sup>
86	Ground floor – exterior wall o/s Office 1	C3 – exterior thermometer sensor caulking	NAD <sup>+</sup>
87	Ground floor – Office 1 exterior window	WC3 – exterior window caulking type III	NAD
88	Ground floor – Office 1 exterior window	WC3 – exterior window caulking type III	NAD
89	Main Roof	SS1 – drip edge seam sealant	15%
90	Main Roof	SS1 – drip edge seam sealant	15%
91	Main Roof	SS2 – gutter seam sealant	15%
92	Main Roof	SS2 – gutter seam sealant	15%
93	Main Roof	FL1 – grey patching cement	NAD <sup>+</sup>
94	Main Roof	FL1 – grey patching cement	5%
95	Main Roof	FL2 – perimeter flashing membrane	NAD
96	Main Roof	FL2 – perimeter flashing membrane	NAD
97	Main Roof	FL3 – mechanical unit flashing membrane	NAD
98	Main Roof	FL3 – mechanical unit flashing membrane	NAD
99	Main Roof	FL4 – chimney flashing membrane	NAD
100	Main Roof	FL4 – chimney flashing membrane	NAD
101	Main Roof	FL5 – chimney counter flashing membrane	<1%
102	Main Roof	FL5 – chimney counter flashing membrane	<1%
103	Main Roof	SS3 – chimney crack sealant	NAD
104	Main Roof	SS3 – chimney crack sealant	NAD
105	Main Roof	RF1 – built up roofing material (top layer)	NAD

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BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
106	Main Roof	RF1 – built up roofing material (second layer)	NAD
107	Main Roof	RF1 – built up roofing material (third layer)	NAD
108	Main Roof	RF1 – built up roofing material (fourth layer)	NAD
109	Main Roof	RF1 – built up roofing material (fifth layer)	NAD
110	Main Roof	RF1 – built up roofing material (bottom layer)	NAD
111	Main Roof	RF1 – built up roofing material (top layer)	NAD
112	Main Roof	RF1 – built up roofing material (second layer)	NAD
113	Main Roof	RF1 – built up roofing material (third layer)	NAD
114	Main Roof	RF1 – built up roofing material (fourth layer)	NAD
115	Main Roof	RF1 – built up roofing material (fifth layer)	NAD
116	Main Roof	RF1 – built up roofing material (bottom layer)	NAD
117	Main Roof	PI1 – Vent tube cement	10%
118	Main Roof	PI1 – Vent tube cement	10%
119	Ground floor – boiler room/boiler	BRK2 – standard red brick	NAD
120	Ground floor – boiler room/boiler	BRK2 – standard red brick	NAD
121	Ground floor – boiler room/boiler	BRK2 – standard red brick	NAD
122	Ground floor – boiler room/boiler	MRT1 – mortar	NAD
123	Ground floor – boiler room/boiler	MRT1 – mortar	NAD
124	Ground floor – boiler room/boiler	MRT1 – mortar	NAD
125	Ground floor – boiler room/boiler	TSI1 – boiler insulation	NAD
126	Ground floor – boiler room/boiler	TSI1 – boiler insulation	NAD
127	Ground floor – boiler room/boiler	TSI1 – boiler insulation	NAD

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BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
128	Ground floor – boiler room/boiler	BG1 – burner gasket	NAD
129	Ground floor – boiler room/boiler	BG1 – burner gasket	NAD
130	Ground floor – boiler room/boiler	BG1 – burner gasket	NAD
131	Ground floor – boiler room/boiler	CS1 – old fire chamber sealer	NAD
132	Ground floor – boiler room/boiler	CS1 – old fire chamber sealer	NAD
133	Ground floor – boiler room/boiler	CS1 – old fire chamber sealer	NAD
134	Ground floor – boiler room/boiler	FB1 – standard fire brick	NAD
135	Ground floor – boiler room/boiler	FB1 – standard fire brick	NAD
136	Ground floor – boiler room/boiler	FB1 – standard fire brick	NAD
137	Ground floor – boiler room/boiler	BG2 – boiler section gasket	NAD
138	Ground floor – boiler room/boiler	BG2 – boiler section gasket	NAD
139	Ground floor – boiler room/boiler	BG2 – boiler section gasket	NAD
140	Ground floor – boiler room/boiler	CG1 – flue collector gasket	NAD
141	Ground floor – boiler room/boiler	CG1 – flue collector gasket	NAD
142	Ground floor – boiler room/boiler	CG1 – flue collector gasket	NAD
143	Ground floor – boiler room/boiler	ECC1 – insulation end cap compound	NAD
144	Ground floor – boiler room/boiler	ECC1 – insulation end cap compound	NAD
145	Ground floor – boiler room/boiler	ECC1 – insulation end cap compound	NAD
146	Ground floor – boiler room	BC – chimney breeching cement	NAD
147	Ground floor – boiler room	BC – chimney breeching cement	NAD
148	Ground floor – boiler room	BC – chimney breeching cement	NAD
149	Ground floor – boiler room	PL2 – ceiling plaster skim coat type II	NAD
150	Ground floor – boiler room	PL2 – ceiling plaster skim coat type II	NAD
151	Ground floor – boiler room	PL2 – ceiling plaster skim coat type II	NAD
152	Ground floor – boiler room	PL2 – ceiling plaster base coat type II	NAD
153	Ground floor – boiler room	PL2 – ceiling plaster base coat type II	NAD
154	Ground floor – boiler room	PL2 – ceiling plaster base coat type II	NAD

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BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
155	Ground floor – boiler room/boiler base	BRK – refractory brick	NAD
156	Ground floor – boiler room/boiler base	BRK – refractory brick	NAD
157	Ground floor – Bay 9 exterior wall	C4 – exterior caulking on air compressor outlet	NAD
158	Ground floor – Bay 9 exterior wall	C4 – exterior caulking on air compressor outlet	NAD
<b>TRC Bulk Sampling Results – May 2015</b>			
01	Office 2, Exterior	WG1 Interior Window Glazing	7.72% chrysotile <sup>1</sup>
02	Office 1, Exterior	WC2 Exterior Window Caulking, Type 1	5% chrysotile
03	Office 2	WC1 Interior Window Caulking,	8.40% anthophyllite <sup>1</sup>
04	Office 1, Exterior	WC3 Exterior Window Caulk	Trace chrysotile <sup>1</sup>
05	Office 1, Exterior	DC1 Exterior Door Frame Caulk Type 1	Trace chrysotile <sup>1</sup> 2.66% anthophyllite <sup>1</sup>
06	Office 1 Exterior	DC2 Interior Door Frame Caulk	Trace chrysotile <sup>1</sup>
07	Front Door East	DC3 Brown Exterior Door Frame Caulk Type 2	Trace chrysotile <sup>1</sup>
08	Garage Bay 1 Exterior	DC4 Gray Exterior Door Frame Caulk Type 3	ND <sup>1</sup>
09	Wall between Bay 4 & Bay 5	EJ1 Wall Expansion Joint Caulk	2% chrysotile
10	Exterior Wall (side facing road)	EJ2 Wall Expansion Joint Caulk	5% chrysotile
11	Wall between Bay 8 & Bay 9	EJ3 Wall Expansion Joint Caulk	5% chrysotile
12	Office 1	CB1 4" Brown Cove Base	ND <sup>1</sup>
		Glue associated with CB1	ND <sup>1</sup>
13	Women's Bathroom	CB2 4" Black Cove Base	ND <sup>1</sup>
		Glue associated with CB2	ND <sup>1</sup>
14	Women's Bathroom	JC1 Joint Compound	ND
15	Office 2	JC2 Joint Compound	ND

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BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
16	Office 2	FT1 12" x 12" Gray/Green Vinyl Floor Tile	ND <sup>1</sup>
		Mastic associated with FT1	ND <sup>1</sup>
17	Women's Bathroom	FT2 12" x 12" tan Vinyl Floor Tile	ND <sup>1</sup>
		Mastic associated with FT2	ND <sup>1</sup>
18	Office 1	DWG1 Off-White Interior Door Window Glazing	5.34% chrysotile <sup>1</sup>
19	Office 2	DWG2 Exterior White Window Glazing Type 2	5% chrysotile
20	Garage Bay 3	C1 Gray Garage Door Frame Lentil Caulking	ND <sup>1</sup>
21	Office 2 Exterior by Air Conditioner	C2 Gray Exterior Caulk	Trace chrysotile <sup>1</sup>
22	Exterior at Air Compressor Outlet on B side of Bldg	C4 White Caulk	4.61% anthophyllite <sup>1</sup>
23	Roof - On Chimney	SS3 Gray Chimney Crack Sealant	ND <sup>1</sup>
24	Roof Perimeter	FL2 Black Perimeter Flashing Membrane	ND <sup>1</sup>
25	Roof by Mechanical Unit	FL3 Brown Mechanical Unit Flashing Membrane	ND <sup>1</sup>
26	Roof by Chimney	FL4 Black Chimney Flashing Membrane	ND <sup>1</sup>
27	Roof by Chimney	FL5 Black Chimney Counter Flashing Membrane	10.29% chrysotile <sup>1</sup>
28	Main Roof	RF1 Built-up Roofing Material	ND <sup>1</sup>
29	Boiler Room	CS1 Old Fire Chamber Sealer	10% chrysotile
30	Boiler Room	ECC1 Insulation End Cap Compound	ND <sup>1</sup>
31	Men's Bathroom	GR1 Grout between 1"x1" ceramic floor tile	ND
32	Men's Bathroom	GR2 Ceramic Wall Tile Grout	ND
33	Men's Bathroom	GR1 Grout between 1"x1" Ceramic Floor Tile	ND
34	Men's Bathroom	GR2 Ceramic Wall Tile Grout	ND

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**TABLE 1 (...continued)  
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
35	Men's Bathroom	G1 Orange Adhesive Glue on 1"x1" Ceramic Floor Tile	ND
36	Men's Bathroom	G1 Orange Adhesive Glue on 1"x1" Ceramic Floor Tile	ND <sup>1</sup>
37	Bunker Roof (Old Salt Shed)	RF2 Roof Shingle	ND
38	Bunker Roof (Old Salt Shed)	RF2 Roof Shingle	ND <sup>1</sup>
39	Bunker Roof (Old Salt shed)	FL6 Roof Flashing Tar	20% chrysotile
40	Bunker Roof (Old Salt shed)	FL6 Roof Flashing Tar	NA/PS
41	Salt Shed (Interior)	FL7 Flashing between Wood Seams	ND
42	Salt Shed (Interior)	FL7 Flashing between Wood Seams	ND <sup>1</sup>
43	Salt Shed (Exterior)	RF3 Roof Shingle	ND
44	Salt Shed (Exterior)	RF3 Roof Shingle	ND <sup>1</sup>
45	Salt Shed (Exterior)	VB1 Vapor Barrier under Roof Shingle	ND
46	Salt Shed (Exterior)	VB1 Vapor Barrier under Roof Shingle	ND <sup>1</sup>

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM

NA/PS Not analyzed/positive stop, homogeneous to sample proven to contain asbestos

ND<1% Non-detected, less than 1%

NAD No asbestos detected

+ Although found to be negative by analysis, material is homogeneous to a determined ACM and therefore must be considered positive

<sup>1</sup> Result confirmed by TEM analyses

\* Quantified by PLM Point Counting techniques

**TABLE 2  
IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%)  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

<b>Material</b>	<b>Sampled/ Assumed (mo/yr)</b>	<b>General Location</b>	<b>NESHAP Category</b>	<b>AHERA Category</b>	<b>Estimated Quantity</b>
T1 – transite wall	Sampled 8/01	Ground floor Office partition walls	Category II Non-friable	Miscellaneous	130 SF
WG2 – exterior door window glazing type II	Sampled 8/01	Ground floor – Office 1 exterior door	Category II Non-friable	Miscellaneous	4 LF
WC3 – exterior window caulking type II	Sampled 8/01	Ground floor – Office 1 & 2 exterior windows (over WC1)	Category II Non-friable	Miscellaneous	40 LF
WC2A – exterior door lintel caulking	Sampled 8/01	Ground floor – above Office 1 exterior doorway	Category II Non-friable	Miscellaneous	3.5 LF
WC2A – exterior window lintel caulking	Sampled 8/01	Ground floor – above Office 1 & Office 2 exterior windows	Category II Non-friable	Miscellaneous	15 LF
C3 – exterior phone wire caulking/thermometer sensor caulking	Sampled 8/01	Ground floor – exterior wall o/s Office 1	Category II Non-friable	Miscellaneous	1/2 SF
SS1 – drip edge seam sealant	Sampled 8/01	Main Roof – edges	Category II Non-friable	Miscellaneous	184 LF
SS2 – gutter seam sealant	Sampled 8/01	Main Roof – gutter seams	Category II Non-friable	Miscellaneous	15 SF
FL1 – grey patching cement	Sampled 8/01	Main Roof perimeter	Category I Non-friable	Miscellaneous	200 SF
PI1 – Vent tube cement	Sampled 8/01	Main roof – base of vent tube above Ladies Room	Friable	Thermal System Insulation	3 LF
WG1 Interior Window Glazing	Sampled 5/15	All windows	Category II Non-friable	Miscellaneous	29 EA
WC2 Exterior Window Caulking, Type 1	Sampled 5/15	Offices 1 & 2 & mens bath windows	Category II Non-friable	Miscellaneous	3 EA

AHERA Categories = thermal system insulation (TSI), surfacing material or miscellaneous  
NESHAP Categories = friable, category I non-friable or category II non-friable  
Friable = crumbled, pulverized or reduced to powder by hand pressure when dry  
Category I Non-friable = packings, gaskets, resilient floor covering and asphalt roofing  
Category II Non-friable = all non-friable that is not Category I

**TABLE 2 (...continued)  
IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%)  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

<b>Material</b>	<b>Sampled/ Assumed (mo/yr)</b>	<b>General Location</b>	<b>NESHAP Category</b>	<b>AHERA Category</b>	<b>Estimated Quantity</b>
WC1 Interior Window Caulking,	Sampled 5/15	Ground floor – Office 1 & Office 2 & mens bath window	Category II Non-friable	Miscellaneous	40 LF
DC1 Exterior Door Frame Caulk Type 1	Sampled 5/15	Ground floor – Office 1 exterior door, Bay 1	Category II Non-friable	Miscellaneous	2 EA
EJ1 Wall Expansion Joint Caulk – int	Sampled 5/15	Wall between Bay 4 & Bay 5	Category II Non-friable	Miscellaneous	30 LF
EJ2 Wall Expansion Joint Caulk – ext	Sampled 5/15	Exterior Wall (side facing road) b/w bays 6&7	Category II Non-friable	Miscellaneous	48 LF
EJ3 Wall Expansion Joint Caulk - int	Sampled 5/15	Walls between Bays 6 & 7, Bays 7 & 8, and Bays 8 & 9	Category II Non-friable	Miscellaneous	72 LF
DWG1 Off-White Interior Door Window Glazing	Sampled 5/15	Ground floor – Office 1 – int.	Category II Non-friable	Miscellaneous	14 LF
DWG2 Exterior White Window Glazing Type 2	Sampled 5/15	Front Entry door	Category II Non-friable	Miscellaneous	4 LF
C4 White Caulk	Sampled 5/15	Exterior at Air Compressor Outlet on B-side of Bldg	Category II Non-friable	Miscellaneous	1/2 SF
FL5 Black Chimney Counter Flashing Membrane	Sampled 5/15	Roof by Chimney	Category I Non-friable	Miscellaneous	12 SF
CS1 Old Fire Chamber Sealer	Sampled 5/15	Boiler Room – boiler	Category II Non-friable	Miscellaneous	2 SF
FL6 Roof Flashing Tar	Sampled 5/15	Bunker Roof (Old Salt shed) – above doors along yellow rail	Category I Non-friable	Miscellaneous	425 SF

AHERA Categories = thermal system insulation (TSI), surfacing material or miscellaneous  
NESHAP Categories = friable, category I non-friable or category II non-friable  
Friable = crumbled, pulverized or reduced to powder by hand pressure when dry  
Category I Non-friable = packings, gaskets, resilient floor covering and asphalt roofing  
Category II Non-friable = all non-friable that is not Category I

**TABLE 3  
CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%)  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Material	General Location
DC2 – interior white door frame caulking	Ground floor – Office 1 exterior door, door by Bay 9, Men's Room door, Office 3 doors, door by Bay 1
CB1 – 4" brown cove molding & associated glue	Ground floor – Office 1
CB2 – 4" black cove molding & associated glue	Ground floor – Ladies Room
JC1 – sheetrock/joint compound	Ground floor – Ladies Room
JC2 – ceiling board sheetrock/joint compound	Ground floor – Office 1
FT1 – 12x12 gray/green vinyl floor tile & mastic	Ground floor – Office 1, Ladies Room
CT1 – 2'x4' suspended ceiling tile	Ground floor – Ladies Room
PL1 – ceiling plaster base coat/skim coat – type I	Ground floor – Men's Room
FT2 – 12x12 tan vinyl floor tile & associated mastic	Ground floor – Ladies Room
BC1 – Brown breeching cement	Ground floor – Boiler Room
BC2 – Tan/yellow breeching cement	Ground floor – Boiler Room
DC3 – exterior door frame caulking type II	Ground floor – Office 1 exterior door, door by Bay 1, Boiler Room exterior door
WG – exterior window glazing type III	Ground floor – Office 1 exterior window
WC4 – exterior door frame caulking type III	Ground floor – Bay 1 exterior door
C1 – garage door frame lintel caulking/bay column caulking	Ground floor – garage bays #1-9
C2 – exterior caulking on A/C unit	Ground floor – Offices 1 & 2 A/C units
WC3 – exterior window caulking type III	Ground floor – Office 1 exterior window
FL2 – perimeter flashing membrane	Main Roof perimeter
FL3 – mechanical unit flashing membrane	Main Roof by mechanical unit
FL4 – chimney flashing membrane	Main Roof by chimney
SS3 – chimney crack sealant	Main Roof – chimney
RF1 – built up roofing material (all layers)	Main Roof
BRK2 – standard red brick	Ground floor – boiler room/boiler
MRT1 – mortar	Ground floor – boiler room/boiler
TSII – boiler insulation	Ground floor – boiler room/boiler
BG1 – burner gasket	Ground floor – boiler room/boiler
FB1 – standard fire brick	Ground floor – boiler room/boiler
BG2 – boiler section gasket	Ground floor – boiler room/boiler
CG1 – flue collector gasket	Ground floor – boiler room/boiler
ECC1 – insulation end cap compound	Ground floor – boiler room/boiler
BC – chimney breeching cement	Ground floor – boiler room
PL2 – ceiling plaster skim/base coat type I	Ground floor – boiler room
BRK – refractory brick	Ground floor – boiler room/boiler base
DC4 Gray Exterior Door Frame Caulk Type 3	Garage Bay 1 Exterior
GR1 Grout between 1"x1" ceramic floor tile	Men's Bathroom

*\* However, associated layers are positive.*

**TABLE 3 (...continued)**  
**CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%)**  
**POMFRET MAINTENANCE FACILITY**  
**POMFRET, CONNECTICUT**

Material	General Location
GR2 Ceramic Wall Tile Grout	Men's Bathroom
G1 Orange Adhesive Glue on 1"x1" Ceramic Floor Tile	Men's Bathroom
RF2 Roof Shingle	Bunker Roof (Old Salt Shed)
FL7 Flashing between Wood Seams	Salt Shed (Interior)
RF3 Roof Shingle	Salt Shed (Exterior)
VB1 Vapor Barrier under Roof Shingle	Salt Shed (Exterior)

*\* However, associated layers are positive.*

**TABLE 4**  
**SUMMARY OF LEAD PAINT XRF MEASUREMENTS**  
**POMFRET MAINTENANCE FACILITY**  
**POMFRET, CONNECTICUT**

<b>Structure</b>	<b>No. of Measurements</b>	<b>Calibrations</b>	<b>Void</b>	<b>Lead Detected</b>	<b>No Lead Detected</b>
Interior/exterior Maintenance Facility & Salt Shed	104	17	0	30	57

See Lead Paint XRF Measurement Table in Appendix I.

**TABLE 5**  
**SUMMARY OF COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION**  
**POMFRET MAINTENANCE FACILITY**  
**POMFRET, CONNECTICUT**

Waste Stream	Metal	mg/L Leachate		Hazardous/Non-Hazardous
<b>Sample #01</b> Maintenance Facility Bldg. Material Composite (Excluding metal substrates & concrete)	Arsenic	---		Analyte not tested
	Barium	---		Analyte not tested
	Cadmium	---		Analyte not tested
	Chromium	---		Analyte not tested
	Lead	0.25		Non-Hazardous
	Mercury	---		Analyte not tested
	Selenium	---		Analyte not tested
	Silver	---		Analyte not tested
Waste Stream	Metal	Mg/kg Direct Exposure (Residential)	Mg/L Leachate Pollutant Mobility (GA/GAA Groundwater)	Eligible for Recycling?
<b>Sample #02</b> Concrete materials	Lead	1100 ppm	ND<0.013	No

**Sample 01** was analyzed following the Toxicity Characteristic Leaching Procedure (TCLP) for the Resource Conservation Recovery Act (RCRA) Metals most likely to be present in this type of structure. The sample was a composite of wood, wallboard, brick, flooring, roofing and other building materials and was collected per CTDEEP sampling guidelines in approximate percent by weight proportions to represent the building as a whole. The sample did not include any metal components, as metal items should be recycled to promote waste minimization efforts, rather than disposed of, and the recycling operation is exempt from the USEPA RCRA and CTDEEP Hazardous Waste regulations. In most instances, the sample will not include foundation materials (concrete/stone/etc.), as these materials are used as clean fill during the demolition process and are therefore not part of the waste disposal stream.

**Sample #2** was analyzed for lead following the Synthetic Precipitation Leaching Procedure (SPLP) and Total Metal Procedures for comparison to the CTDEEP Remediation Standard Regulations (RSR's). This sample was collected in an effort to determine if the materials met the CTDEEP definition of "clean fill" and therefore determine the recyclability of the concrete to promote waste minimization efforts.

See Appendix J for results.

BDL - Below Detection Limit

ND - Not Detected

**TABLE 6  
INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED  
MATERIALS, WASTES AND ITEMS IDENTIFIED  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Quantity	Size	Material/Item	General Location	Potential Hazard
Seventeen (17)		Large sulfur lights on ceiling	Pomfret Maintenance Facility	UW – Hg lamps
Ten (10)		Round flood lights (emergency lights)	Pomfret Maintenance Facility	UW – Hg lamps UW – used electronics (printed circuit boards) UW – batteries (Ni-Cd battery or Pb-acid battery)
Sixteen (16)		4-foot fluorescent bulbs	Pomfret Maintenance Facility	UW – Hg lamps
One (1)		2-foot fluorescent bulb	Pomfret Maintenance Facility	UW – Hg lamps
Four (4)		Bulb-style halogen flood lights	On walls – Garage bays 1, 5, 6 & 9	UW – Hg lamps
-Three (3)		Fire alarm sirens	Pomfret Maintenance Facility	UW – used electronics (printed circuit boards)
Four (4)		Below-grade floor drain catch basin /trench	Bays 2, 4, 7, 9 – pits in slab	CRW – oil/sludge
Four (4)		Fire alarm pull boxes	Pomfret Maintenance Facility	UW – used electronics (printed circuit boards) UW – Hg switch
Eight (8)		8-foot fluorescent bulbs	Pomfret Maintenance Facility	UW – Hg lamps
One (1)		Simplex fire alarm control	Office	UW – used electronics (printed circuit boards)
Thirteen (13)		Ballasts	Pomfret Maintenance Facility	CRW – PCB ballasts
Two (2)		Door control for heat	Bay 5 & Bay 6 – on walls	UW – used electronics (printed circuit boards)
Three (3)		Mercury thermostats	Pomfret Maintenance Facility	UW – Hg ampoule
Two (2)		Electric thermostats	Pomfret Maintenance Facility	UW – used electronics (printed circuit boards)

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)

UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)

IH- Inhalation hazard (silicas, etc.)

I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)

C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)

T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation

R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

**TABLE 6 (...continued)  
INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED  
MATERIALS, WASTES AND ITEMS IDENTIFIED  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Quantity	Size	Material/Item	General Location	Potential Hazard
Four (4)		Light bulbs	Exterior – over entrance doors	UW – Hg lamps
Two (2)		Fuel pumps – 1 gasoline, 1 diesel	Exterior	I - gasoline CRW – diesel/sludge UW – UE (printed circuit boards)
One (1)		Halogen light bulb	Bay 1 exterior south side wall	UW – Hg lamps
Two (2)		8-foot fluorescent bulbs	Boiler Room	UW – Hg lamps
One (1)		Ballast	Boiler Room	CRW – PCB ballasts
Six (6)		Parking/street overhead lights	Exterior	UW – Hg lamps
One (1)		Halogen bulb	Parking lot light by salt shed	UW – Hg lamp
Fourteen (14)		Halogen lights	Interior/exterior salt shed	UW – Hg lamps
240 SF		Pigeon guano	Salt shed interior	IH
One (1)	2,000 gal	UST – fuel oil	Exterior rear of building	CRW – oil/sludge
One (1)	3,000 gal	UST – waste water/grit chamber	Exterior south side of building	CRW – oil/sludge
Two (2)	4,000 gal	USTs – gasoline & diesel	Exterior front of building	I – gasoline CRW – diesel/sludge
Two (2)		Septic tanks	Exterior west & southwest sides of building	Septage waste
One (1)	3000 gal	Gross particle separator	Exterior	CRW – oil/sludge
Two (2)		AC units	Offices	CFCs
One (1)		AST – MgCl	Exterior salt shed	CRW – waste chemical liquid

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)

UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)

IH- Inhalation hazard (silicas, etc.)

I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)

C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)

T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation

R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

**TABLE 7  
BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING CAULK MATERIALS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample No.	Homogenous Material Type		Sample Location	Total PCB (ppm)	EPA/CTDEEP Regulated
1	WG1*	Interior Grey Window Glazing*	Office 1	1,000	EPA
2			Office 2	960	
3			Bay 4	850	
4	WC1*	Interior Window Caulking, Type 1*	Office 2	71	EPA
5			Bay 4	11	
6			Men's bath	6.4	
7	WC2*	Exterior Window Caulking	Men's bath	9.1	EPA
8			Bay 4	58	
9			Office 2	8.2	
10*	WC3*	Exterior Window Caulk, Type II	Office 2	4.3	CTDEEP
11*			Office 1	4.9	
12*	DC1*	Exterior Door Frame Caulk Type 1*	Front entry	ND<0.82	Not Regulated
13	DC2	Interior White Door Frame Caulk	Bay 9 door	ND<0.77	CTDEEP
14			Bay 9 door	1.4	
15			Men's bathroom	ND<0.79	
16	DC3	Brown Exterior Door Frame Caulk Type 2	Boiler Room door	1.6	CTDEEP
17			Front entry door	ND<0.81	
18			Bay 1 door	ND<0.75	
19*	DC4	Gray Exterior Door Frame Caulk Type 3	Bay 1 south door	ND<0.81	Not Regulated
20*	EJ1*	Wall Expansion Joint Caulk*	Bay 4 & 5 interior	6.6	CTDEEP
21*			Bay 4 & 5 interior	8	
22	EJ2*	Wall Expansion Joint Caulk*	Bay 7 & 8 exterior	ND<0.81	Not Regulated
23			Bay 6 & 7 exterior	ND<0.74	
24			Bay 6 & 7 exterior	ND<0.76	
25	EJ3*	Wall Expansion Joint Caulk*	Bay 7	16	CTDEEP
26			Bay 6	6.7	
27			Bay 9	9.4	
28*	DWG1*	Off-White Interior Door Window Glazing*	Office 1	3,200	EPA
29*	DWG2*	Exterior White Window Glazing Type 2*	Front entry	ND<0.72	Not Regulated
30	C1	Gray Garage Door Frame Lentil Caulking	Garage 4 bay	ND<0.83	Not Regulated
31			Garage 5 bay	ND<0.79	
32			Bay 3	ND<0.83	
33**	C2	Gray Exterior AC Caulk	Office 2	100	EPA
34	C3*	Exterior phone wire caulking/thermometer sensor caulking	Front entry	ND<0.76	Not Regulated

**TABLE 7 (...continued)**  
**BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING CAULK MATERIALS**  
**POMFRET MAINTENANCE FACILITY**  
**POMFRET, CONNECTICUT**

<b>Sample No.</b>	<b>Homogenous Material Type</b>		<b>Sample Location</b>	<b>Total PCB (ppm)</b>	<b>EPA/CTDEEP Regulated</b>
35*	C4*	Exterior caulking on air compressor outlet*	Air compressor north	ND<0.81	Not Regulated
36*	SS3	Gray Chimney Crack Sealant	Roof chimney	ND<0.8	Not Regulated
37*				ND<0.79	

◆There were very limited quantities of these materials at the site. Therefore, reduced (<3) numbers of samples are adequate for material characterization.

\*Also positive for ACM

ND – None Detected

**TABLE 8  
IDENTIFIED PCB CONTAINING CAULK MATERIALS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

<b>Material</b>	<b>Sample Date (mo/yr)</b>	<b>General Location</b>	<b>Adjacent Substrates</b>	<b>Estimated Quantity</b>
<b>CTDEEP REGULATED PCB CONTAINING MATERIALS (&gt; 1 ppm, &lt; 50 ppm)</b>				
WC3 – Exterior Window Caulk – Type II*	Sampled 5/15	Office 1, Office 2 (over WC1)	Brick/metal	40 LF
DC2 – Interior White Door Frame Caulk	Sampled 5/15	Ground floor – Office 1 exterior door, door by Bay 9, Men's Room door, Office 3 doors, door by Bay 1	Block/metal	6 EA
DC3 – Brown Exterior Door Frame Caulk Type 2	Sampled 5/15	Boiler Room door, Front entry door, Bay 1 door	Brick/metal	3 EA
EJ1 – Wall Expansion Joint Caulk – Int.*	Sampled 5/15	Wall between Bay 4 & Bay 5	Block/block	30 LF
EJ3 – Wall Expansion Joint Caulk – Int.*	Sampled 5/15	Walls between Bays 6 & 7, Bays 7 & 8, and Bays 8 & 9	Block/block	72 LF
<b>EPA REGULATED PCB BULK PRODUCT WASTE (≥50 ppm)</b>				
WG1 – Interior Window Glazing*	Sampled 5/15	All windows	Glass/metal	29 EA
WC1 – Interior Window Caulking, Type 1*	Sampled 5/15	Offices 1 & 2, Men's Bath	Block/metal	2 EA
WC2 – Exterior Window caulking*	Sampled 5/15	Ground floor – Office 1 & Office 2, Men's Bath exterior window	Brick/metal	40 LF
DWG1 – Off-White Interior Door Window Glazing*	Sampled 5/15	Ground floor – Office 1 Interior	Glass/metal	14 LF
C2 – Gray Exterior Caulk	Sampled 5/15	Ground floor – Offices 1 & 2 A/C units	Wood/metal	5 SF

\*Also identified as asbestos containing material

**TABLE 9  
BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

ID No. Sample ID	Porous Substrate Description	Associated PCB Caulk/Glaze	Date Collected	Total PCBs (PPM)	Substrate Classification
<b>Porous Substrate Samples Adjacent to CTDEEP Caulks</b>					
---	Brick	WC3	---	---	*Presumed Not Regulated
---	Block	DC2	---	---	*Presumed Not Regulated
---	Brick	DC3	---	---	*Presumed Not Regulated
---	Block	EJ1	---	---	*Presumed Not Regulated
---	Block	EJ3	---	---	*Presumed Not Regulated
<b>Porous Substrate Samples Adjacent to EPA Caulks</b>					
---	Block	WC1	---	---	+ Presumed EPA Bulk Product Waste
---	Brick	WC2	---	---	+ Presumed EPA Bulk Product Waste
---	Wood	C2	---	---	+ Presumed EPA Bulk Product Waste

ND – None Detected

\* No sampling conducted for porous substrates in contact with CTDEEP regulated caulks (>1 <50 ppm). Substrate impact presumed below unrestricted levels (<1ppm) based on experience, to be confirmed via substrate verification sampling during caulk abatement.

+ Porous substrates in contact with PCB Bulk Product Waste caulks (>50 ppm) presumed to be impacted with PCB above unrestricted levels (>1ppm) and require abatement and verification sampling. Characterized as Bulk Product Waste v Remediation Waste per the Oct 2012 EPA Waste Reinterpretation Memo.

**TABLE 10  
SOIL/SURFACE COVER SAMPLE ANALYTICAL RESULTS  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Sample ID	Soil/Surface Cover Material	Sample Location	Date Collected	Total PCBs (PPM)	Material Classification
S1	Asphalt	'C' front side below office windows/front entry (s)	7/25/15	ND<0.33	Not Regulated
S2	Asphalt	'C' front side below office windows/front entry (sc)	7/25/15	ND<0.33	Not Regulated
S3	Asphalt	'C' front side below office windows/front entry (c)	7/25/15	ND<0.34	Not Regulated
S4	Asphalt	'C' front side below office windows/front entry (nc)	7/25/15	ND<0.33	Not Regulated
S5	Asphalt	'C' front side below office windows/front entry (n)	7/25/15	0.85	Not Regulated
S6	Asphalt	'A' back side outside boiler room (n)	7/25/15	ND<0.33	Not Regulated
S7	Concrete	'A' back side outside boiler room/men's room (c)	7/25/15	ND<0.35	Not Regulated
S8	Soil	'A' back side outside men's room (s)	7/25/15	1.8	EPA PCB Remediation Waste
S9	Asphalt	'D' south side outside exterior door	7/25/15	ND<0.32	Not Regulated

ND – None Detected

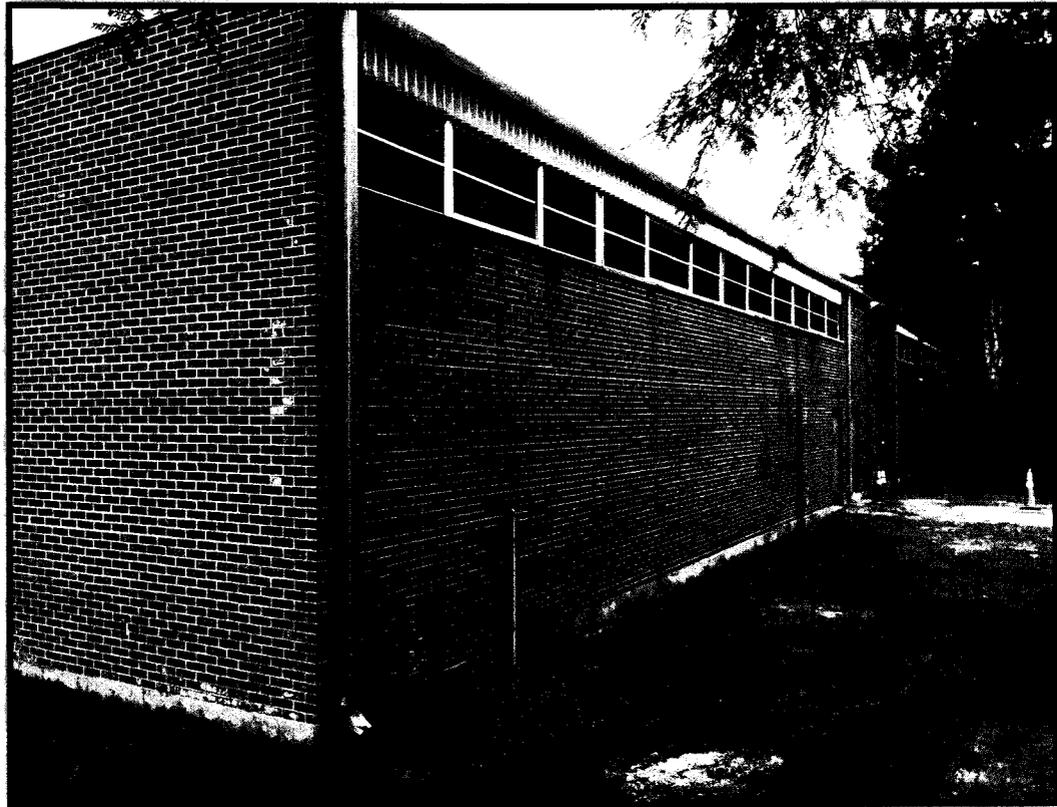
**TABLE 11  
IDENTIFIED PCB IMPACTED SUBSTRATES AND SOIL  
POMFRET MAINTENANCE FACILITY  
POMFRET, CONNECTICUT**

Material	Associated caulks or glazes	Sample Date (mo/yr)	General Location of Substrate/Soil Impact	Estimated Quantity - Impact	CTDEEP or EPA Regulated
	EPA/ CTDEEP				
<b>PCB IMPACTED MATERIALS – SOILGROUND COVER (&gt;1.0 ppm)</b>					
Soil	WC2 EPA	7/25/15	'A' back side - Outside mens room	5SF – 1' deep	EPA – Remediation Waste
<b>PCB IMPACTED MATERIALS – SUBSTRATES (&gt;1.0 ppm)</b>					
Block	WC1 EPA	---	Office 1&2 & men's room windows – interior	12" impact	EPA – Bulk Product Waste
Brick	WC2 EPA	---	Office 1&2 & men's room windows – exterior	6" impact	EPA – Bulk Product Waste
Wood	C2 EPA	---	Office 1&2 AC units – exterior	All	EPA – Bulk Product Waste

Impacted substrates characterized as EPA PCB Bulk Product Waste v Remediation Waste per EPA Oct 2012 Waste Reinterpretation Memo.

**APPENDIX A**

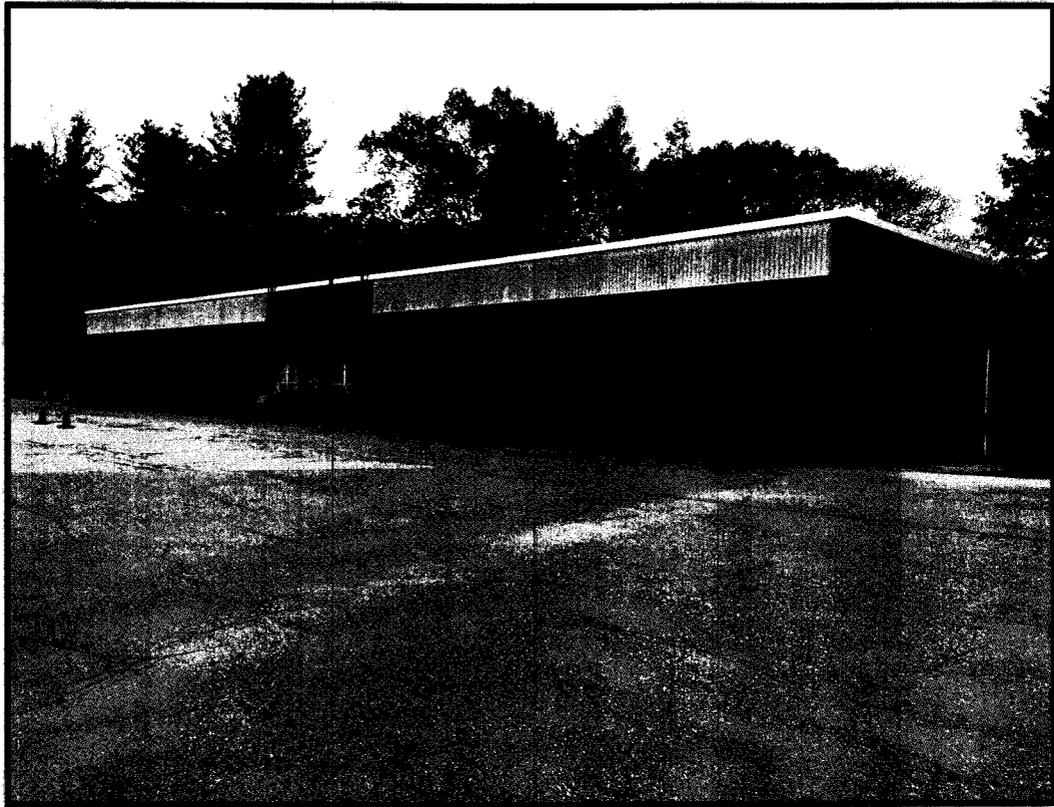
**SITE PHOTOS WITH DOT ASSIGNMENT AND MAP**



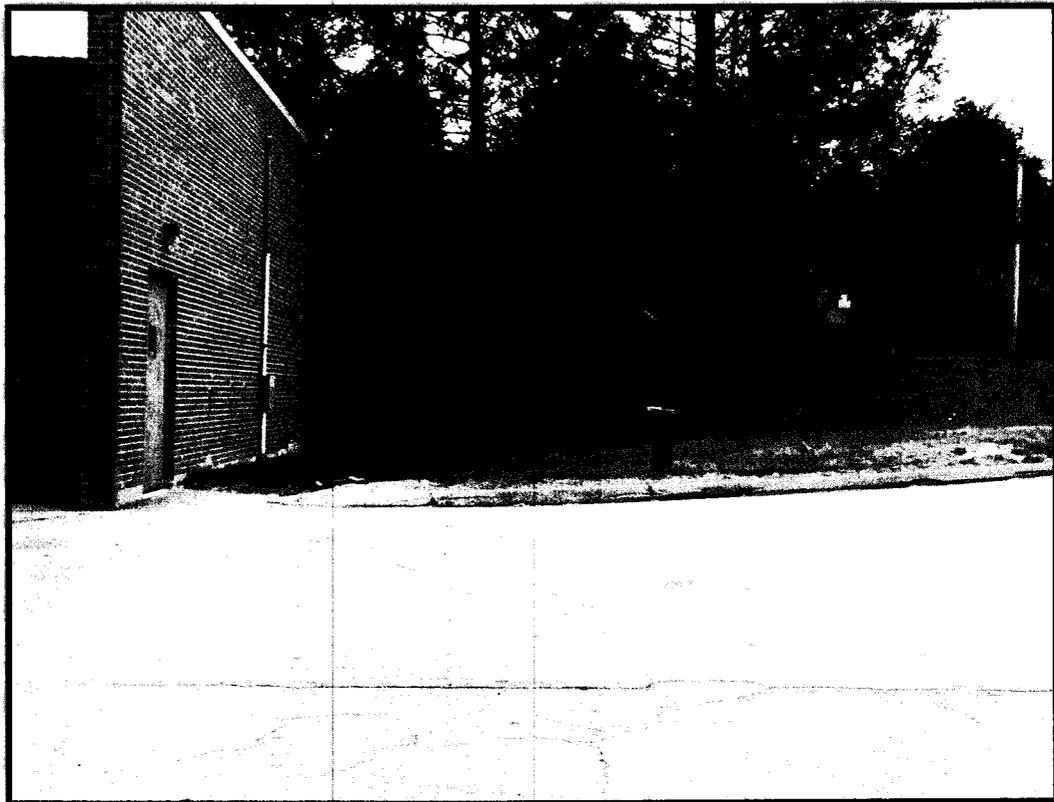
**Figure 1.** Exterior A and B sides of Building showing Bricks, Windows, and Doors.



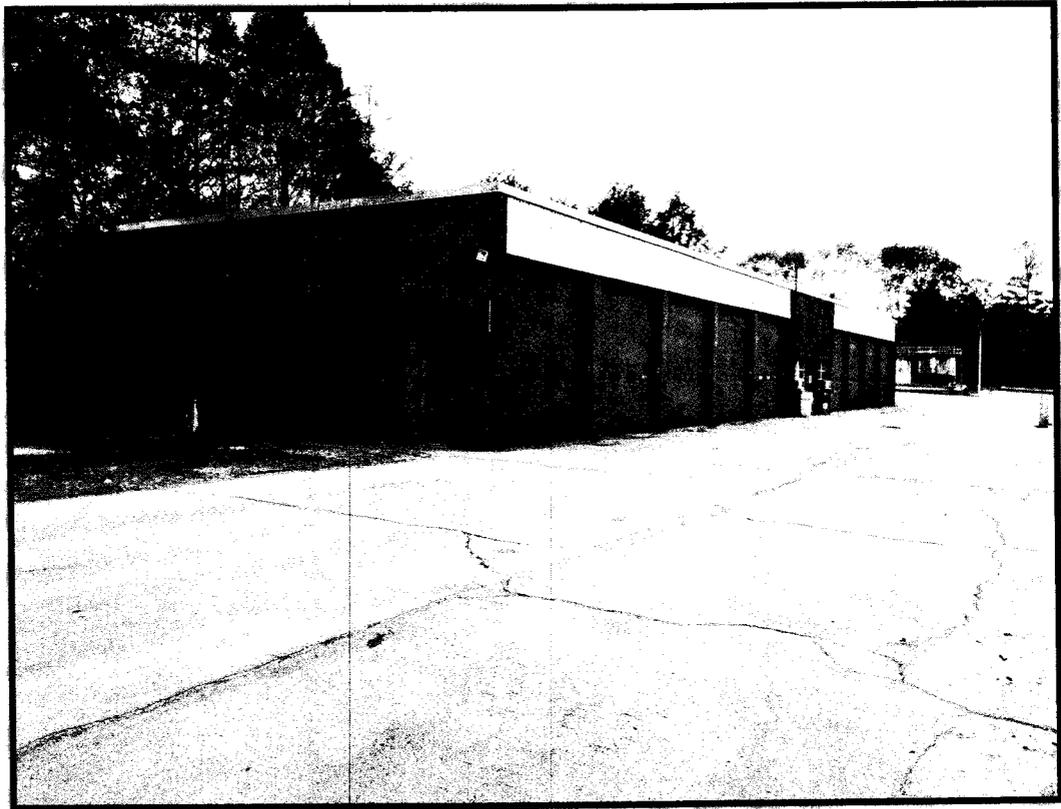
**Figure 2.** Exterior A side of Building showing Windows, Doors, and location of Underground Septic Tank.



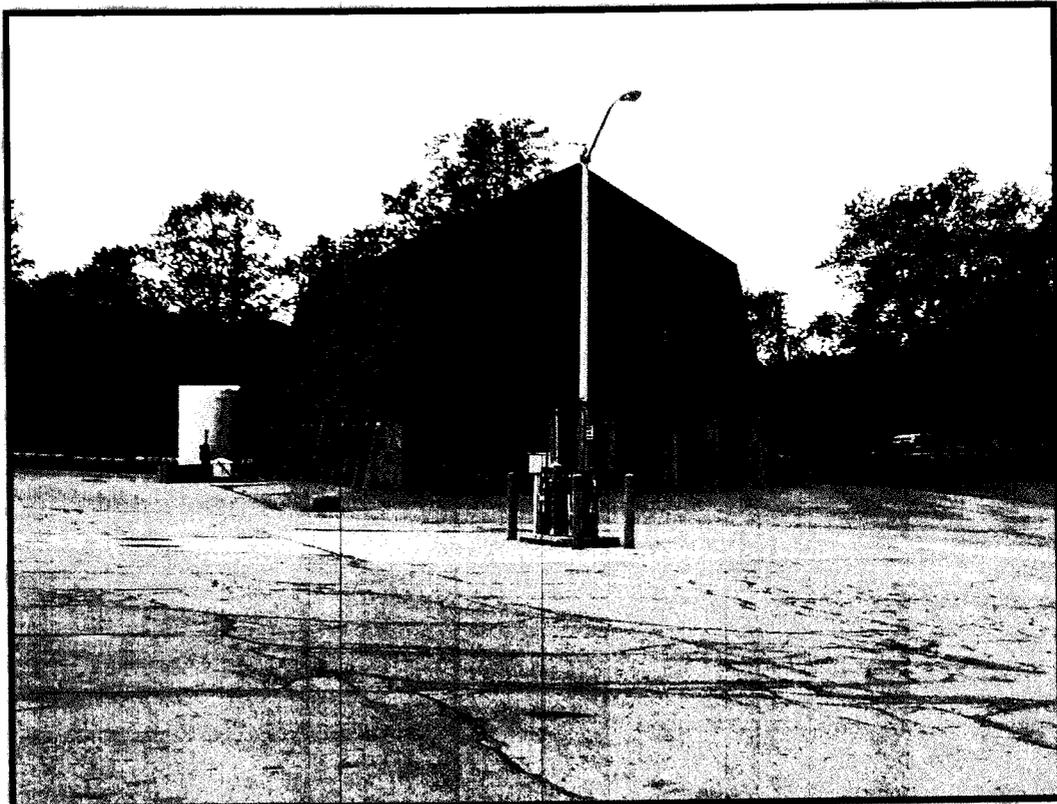
**Figure 3.** Exterior B and C sides of Building showing 9 Garage Doors and Entry Door



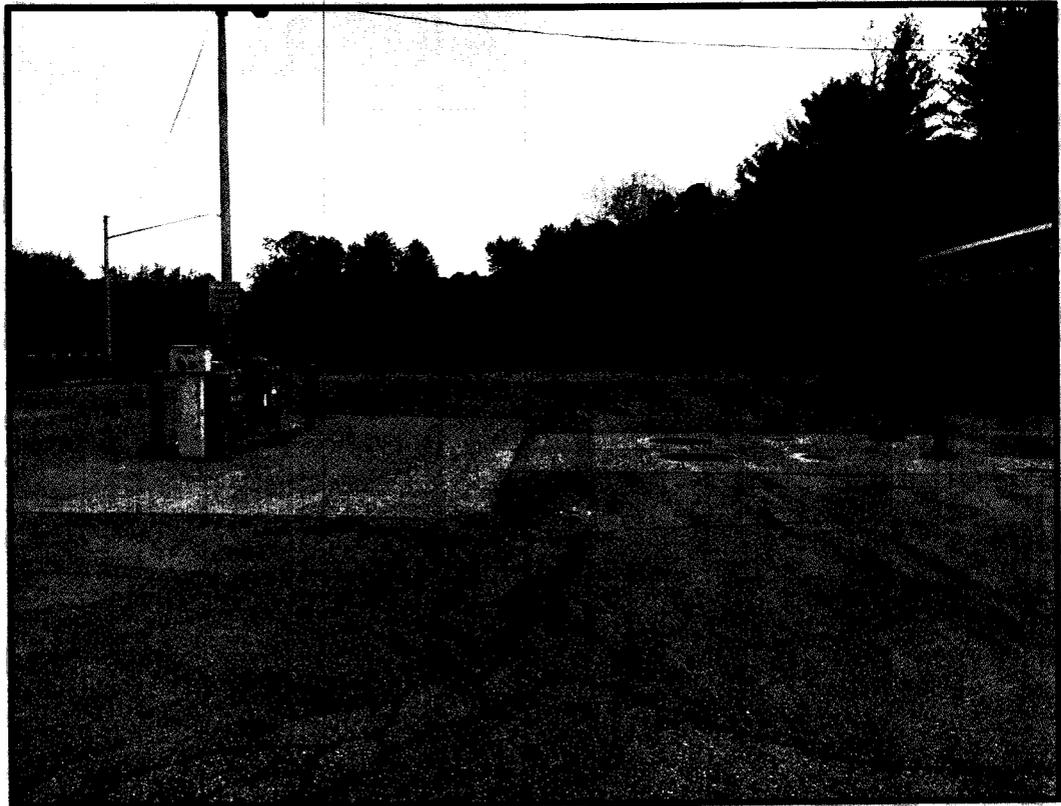
**Figure 4.** Exterior B side of Building showing Location of Monitoring Well in Grass.



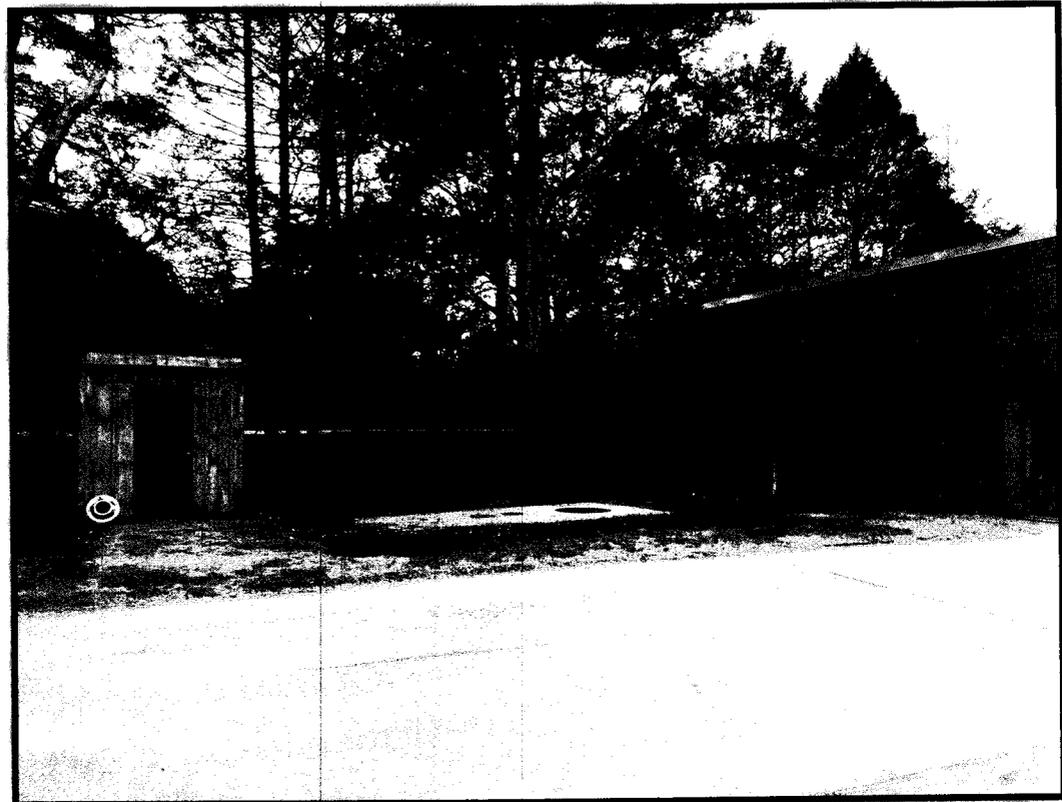
**Figure 5.** Exterior C and D sides of Building showing Garage Doors and Entry Door.



**Figure 6.** Exterior C side of Building showing Gas Pumps and Back of Salt Shed.



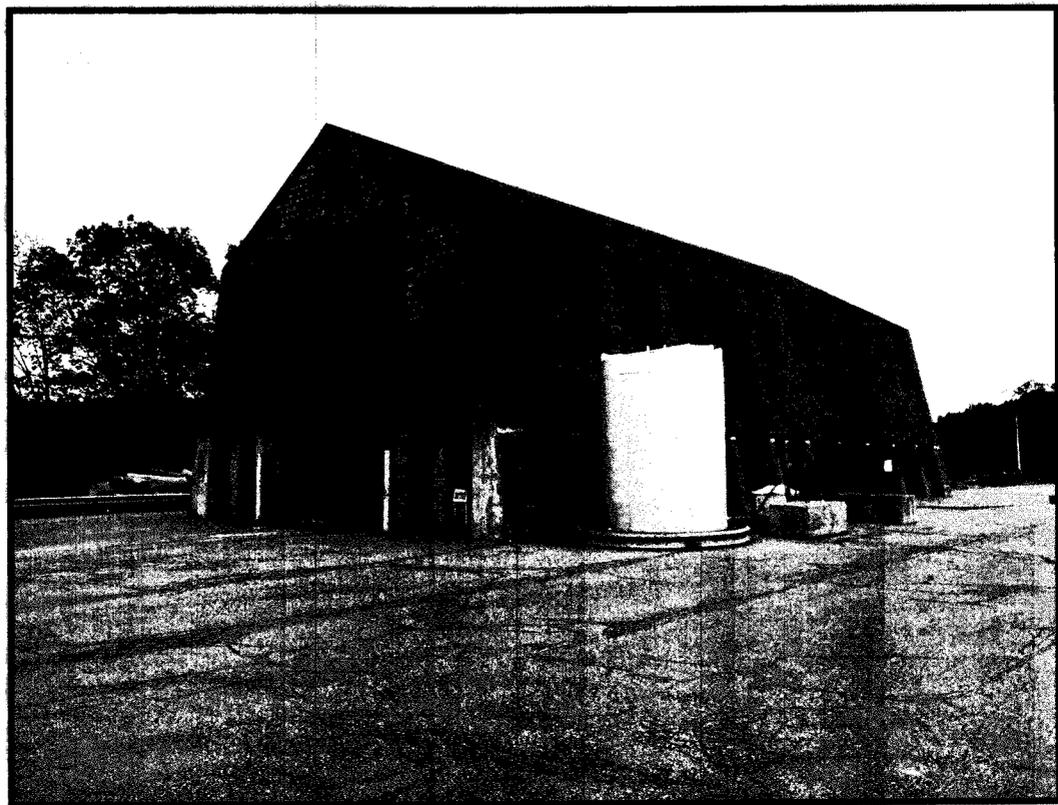
**Figure 7.** Exterior C Side of Building showing Gas Pumps.



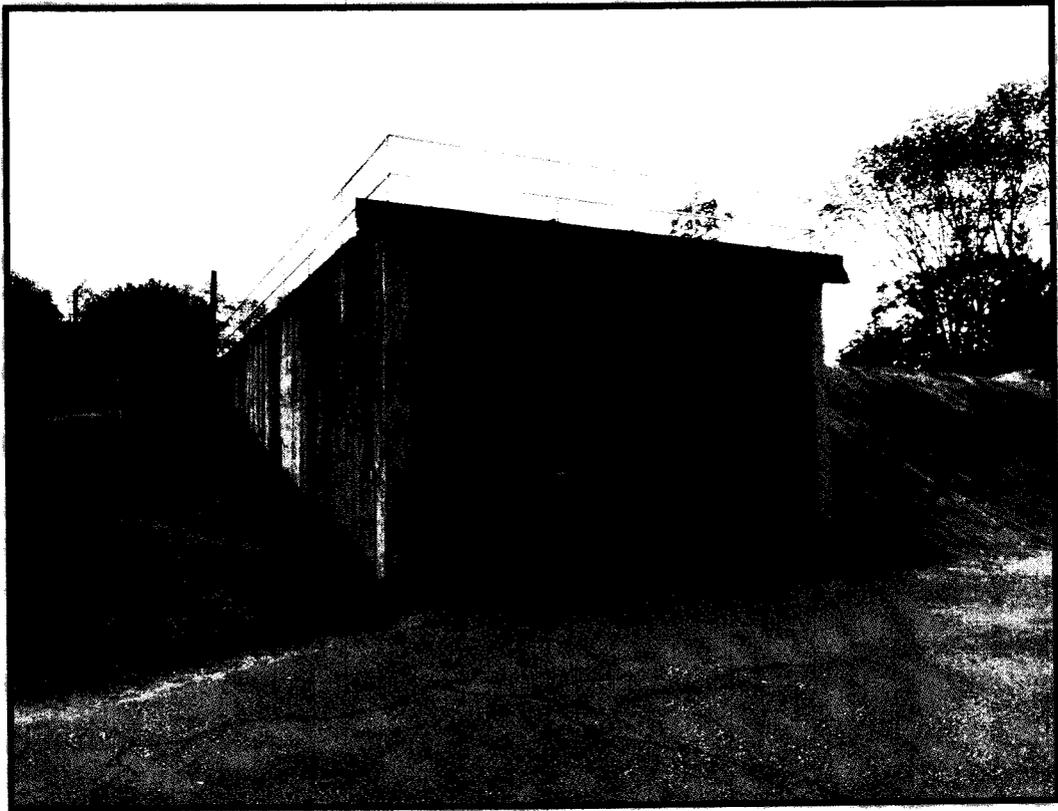
**Figure 8.** Exterior D side of Building showing Concrete Slab, Location of Underground Storage Tank, and Small Shed.



**Figure 9.** Exterior and Interior View of Front of Salt Shed.



**Figure 10.** Exterior View of Salt Shed showing Front and Side.



**Figure 11.** Exterior Front of Bunker (Old Salt Shed).



**Figure 12.** Exterior Side View of Bunker showing Yellow Rails on Rooftop and 3 Small Roof Huts.



**Figure 13.** Exterior View of Bunker Rooftop showing 3 Small Roof Huts and Yellow Railing.

**APPENDIX B**  
**SITE SKETCHES**





SUBJECT

*Medical Plaza Inc. Inc.*

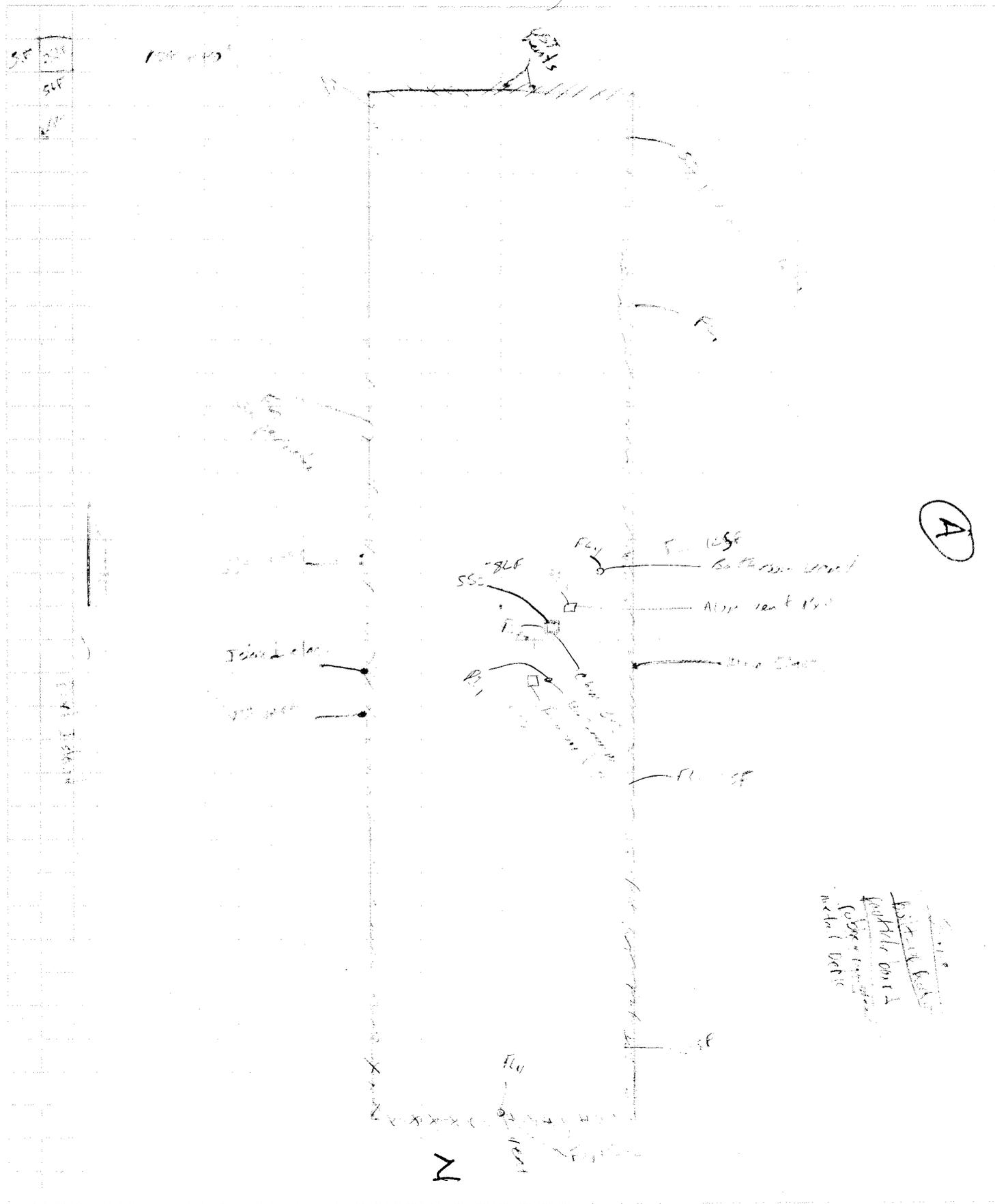
SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_

PROJECT NO. 100-110

DATE 5/19/12

BY [Signature]

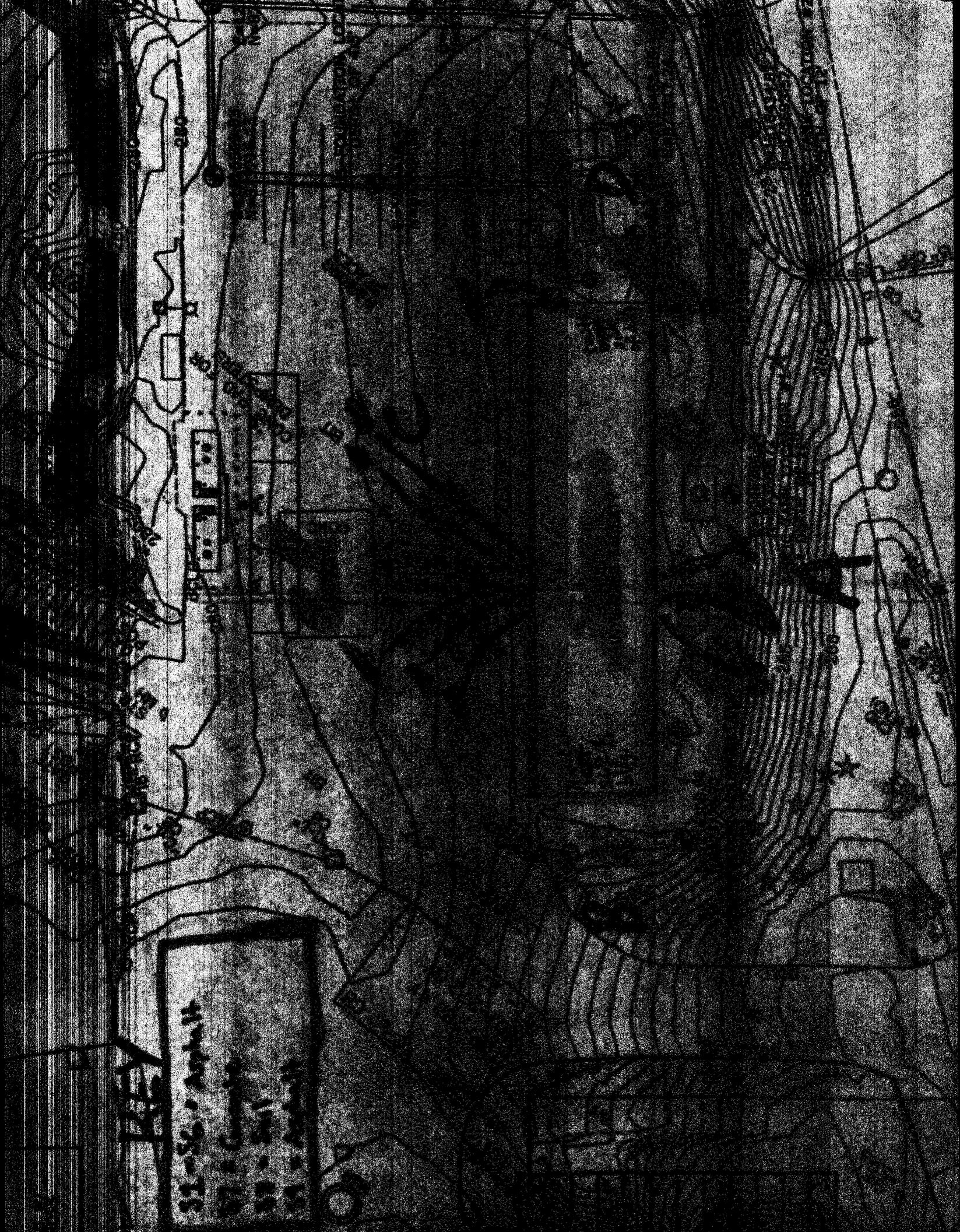
CHK'D \_\_\_\_\_



(A)

*Handwritten notes:*  
P1-P10  
P11-P20  
P21-P30  
P31-P40  
P41-P50  
P51-P60  
P61-P70  
P71-P80  
P81-P90  
P91-P100  
Metal Dents

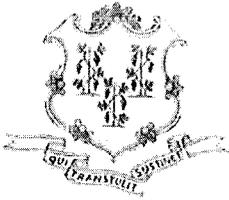
31 - SC - Asphalt  
32 - Cement  
33 - Soil  
34 - Asphalt





**APPENDIX C**

**CONNECTICUT STATE HISTORICAL  
PRESERVATION OFFICE SITE REVIEW**



# STATE OF CONNECTICUT

## DEPARTMENT OF TRANSPORTATION

2800 BERLIN TURNPIKE, P.O. BOX 317546  
NEWINGTON, CONNECTICUT 06131-7546



---

**Transmittal:**

---

**From:** Mandy Ranslow, Transportation Planner  
**Date:** December 9, 2014  
**Through:** Mark W. Alexander, Transportation Assistant Planning Director  
**To:** Daniel T. Forrest, State Historic Preservation Officer

---

**Project:** State No.: 111-121  
F.A.P. No.: N/A  
Project Title: Maintenance Facility Renovation  
Towns: Pomfret

---

**Subject:** SHPO Consultation Documentation

---

**Description of Activity:**

The Connecticut Department of Transportation (Department) proposes to use state funds to renovate a Department Maintenance Facility in Pomfret, CT. Renovations include an addition to the existing building, an upgrade of utilities, and a change in the parking lot location. A detailed list of the proposed work is included in the Environmental Review Request. All work will take place within the existing bounds of the Facility.

**Technical Review of Project:**

Soils within the bounds of the Maintenance Facility are classified as Udorthents-Urban Land Complex, and have been previously disturbed by Facility construction, including installation of underground tanks. No archaeological sites have been located in proximity to the project area; however, areas outside the Facility do appear archaeologically sensitive. This project does not appear to have the potential to impact intact, eligible archaeological resources.

The Facility is located on a road alignment that has existed since at least 1811. The project area is not located within an historic district, nor are there historic structures located nearby. The Facility itself is not historic. It does not appear that any standing historic structures will be impacted by this project.

**Recommendation:**

The Department's Office of Environmental Planning recommends that no historic properties will be affected by the proposed project. This project is subject to review under the Connecticut Environmental Policy Act.

**Attached Documents:**

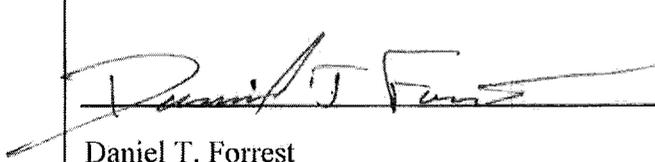
- 0 SHPO Letter
- x Historic Review Maps
- 0 Photos
- x Supporting Documents -- Environmental Review Request & Environmental Review

**SHPO Use Only**

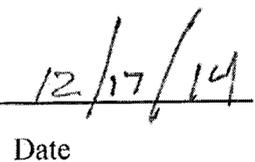
Based on the information provided to the State Historic Preservation Office, we:

Concur  Do Not Concur (additional comments attached)

with DOT's Office of Environmental Planning's opinion that no historic properties will be affected by this undertaking (project no. 111-121 in Pomfret).



Daniel T. Forrest  
State Historic Preservation Officer



Date



Department of Economic and  
Community Development

**Connecticut**  
*still revolutionary*



21 Griffin Road North  
Windsor, CT 06095

860.298.9692 PHONE  
860.298.6399 FAX

www.TRCsolutions.com

May 27, 2015

Mr. Todd Levine  
State Historic Preservation Office  
Department of Economic & Community Development  
One Constitution Plaza, 2<sup>nd</sup> Floor  
Hartford, CT 06103

Subject: Building Demolition  
Pomfret Maintenance Facility, 31 Killingly Road, Pomfret, Connecticut  
ConnDOT File 111-121-8  
TRC Project No. 183572.5086.00710

Dear Mr. Levine:

As representatives of the Connecticut Department of Transportation (ConnDOT), the owners of the subject property which is greater than fifty (50) years old, and in accordance with Connecticut General Statute (CGS) Section 4b-64, we are notifying you that the above referenced property is scheduled for demolition.

This letter is to request the Office's written determination on the historical status of the property prior to its scheduled demolition. If the property is found to be of historic significance, please provide appropriate guidance.

At your request, the Project Review Cover Form, a current photograph and USGS map have been attached depicting the site location.

If you have any questions regarding this matter, please call TRC at (860) 298-9692.

Very Truly Yours,

TRC

A handwritten signature in black ink, appearing to read "Erik R. Plimpton".

Erik R. Plimpton, PE, CHMM, CMC  
Vice President  
Building Sciences Practice Leader

CC: C.Bonsignore, P.E./J. Nemecek, P.E./F. Mathieu, ConnDOT  
Ed Burke, P.E., TRC



State Historic Preservation Office

One Constitution Plaza | Hartford, CT 06103 | 860.256.2800 | Cultureandtourism.org

PROJECT REVIEW COVER FORM

1. This information relates to a previously submitted project.

You do not need to complete the rest of the form if you have been previously issued a SHPO Project Number. Please attach information to this form and submit

SHPO Project Number (Not all previously submitted projects will have project numbers)

Project Address Pomfret Maintenance Facility, 31 Killingly Road, Pomfret (Street Address and City or Town)

2. This is a new Project.

If you have checked this box, it is necessary to complete ALL entries on this form .

Project Name CTDOT Building Demolition 111-121-8

Project Location 31 Killingly Road Include street number, street name, and or Route Number. If no street address exists give closest intersection.

City or Town Pomfret In addition to the village or hamlet name (if appropriate), the municipality must be included here.

County If the undertaking includes multiple addresses, please attach a list to this form.

Date of Construction (for existing structures) ~1960

PROJECT DESCRIPTION SUMMARY (include full description in attachment):

Demolition

TYPE OF REVIEW REQUESTED

a. Does this undertaking involve funding or permit approval from a State or Federal Agency?

Yes No

Agency Name/Contact Type of Permit/Approval

State Federal

b. Have you consulted the SHPO and UCONN Dodd Center files to determine the presence or absence of previously identified cultural resources within or adjacent to the project area?

Yes No

If yes: Was the project site wholly or partially located within an identified archeologically sensitive area?

Does the project site involve or is it substantially contiguous to a property listed or recommended for listing in the CT State or National Registers of Historic Places?

Does the project involve the rehabilitation, renovation, relocation, demolition or addition to any building or structure that is 50 years old or older?



State Historic Preservation Office

One Constitution Plaza | Hartford, CT 06103 | 860.256.2800 | Cultureandtourism.org

PROJECT REVIEW COVER FORM

The Historic Preservation Review Process in Connecticut Cultural Resource Review under the National Historic Preservation Act – Section 106 involves providing technical guidance and professional advice on the potential impact of publicly funded, assisted, licensed or permitted projects on the state's historic, architectural and archaeological resources.

Project review is conducted in two stages. First, the SHPO assesses affected properties to determine whether or not they are listed or eligible for listing in the Connecticut State or National Registers of Historic Places.

ALL PROJECTS SUBMITTED FOR REVIEW MUST INCLUDE THE FOLLOWING MATERIALS\*:

PROJECT DESCRIPTION Please attach a full description of the work that will be undertaken as a result of this project. Portions of environmental statements or project applications may be included. The project boundary of the project should be clearly defined\*\*

PROJECT MAP This should include the precise location of the project – preferably a clear color image showing the nearest streets or roadways as well as all portions of the project. Tax maps, Sanborn maps and USGS quadrangle maps are all acceptable, but Bing and Google Earth are also accepted if the information provided is clear and well labeled.

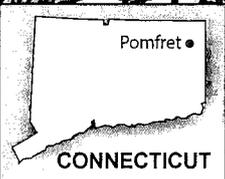
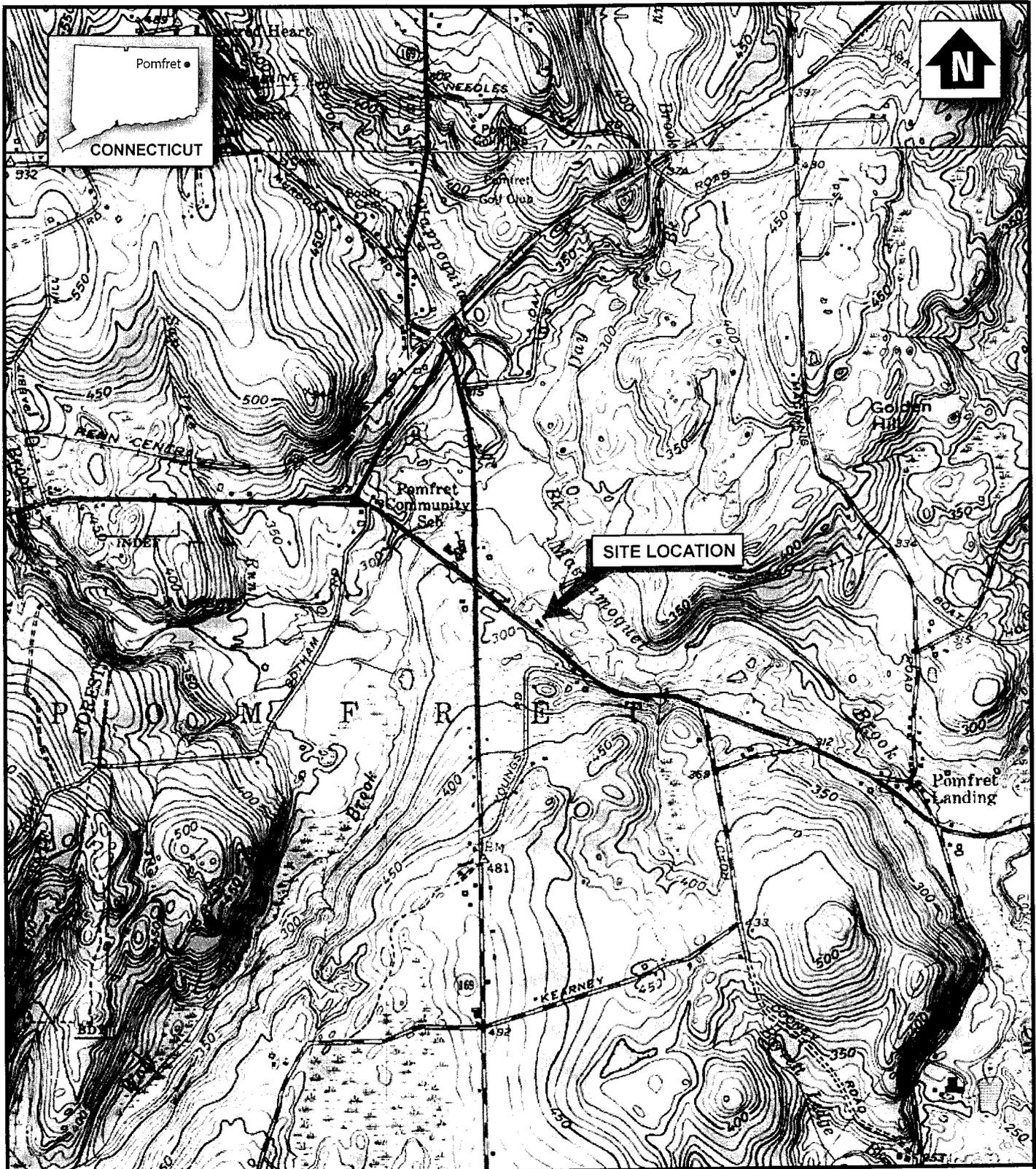
PHOTOGRAPHS Clear, current images of the property should be submitted. Black and white photocopies will not be accepted. Include images of the areas where the proposed work will take place. May require: exterior elevations, detailed photos of elements to be repaired/replaced (windows, doors, porches, etc.) All photos should be clearly labeled.

Table with 4 columns: Item, Yes, N/A, Comments. Rows include: For Existing Structures (Property Card), For New Construction (Project plans or limits of construction), Soils Maps, Historic Maps, For non-building-related projects (dams, culverts, bridge repair, etc.), and STAFF REVIEW AREA (Indicate date of Review and Initials of Reviewer).

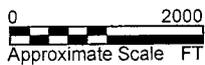
PROJECT CONTACT

Name Erik Plimpton, PE, CHMM, CMC Title Agent for ConnDOT
Firm/Agency TRC Environmental Corporation
Address 21 Griffin Road North
City Windsor State CT Zip 06095
Phone 860-298-6280 Cell 860-798-4699 Fax 860-298-6380
Email eplimpton@trcsolutions.com

\*Note that the SHPO's ability to complete a timely project review depends largely on the quality of the materials submitted.
\*\* Please be sure to include the project name and location on each page of your submission.



**SITE LOCATION**



1:24000 © 1996 WILDFLOWERS PRODUCTIONS,  
www.topo.com 7.5' USGS TOPOGRAPHIC MAPS



21 Griffin Road North  
Windsor, CT 06095  
Phone: 860.298.9692

27 KILLINGLY ROAD  
POMFRET, CONNECTICUT

**FIGURE 1  
SITE LOCATION MAP**

DATE: 05/2015

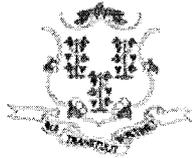
PROJECT NO. 183572.5084.000710



27 KILLINGLY ROAD, POMFRET, CONNECTICUT

**APPENDIX D**

**TRC INSPECTORS LICENSES/CERTIFICATIONS**



State of Connecticut

**Lookup Detail View**

**Name**

<b>Name</b>
HILTON HERNANDEZ

**License Information**  
lookup

License Type	License Number	Expiration Date	Granted Date	License Name	License Status	Licensure Actions or Pending Charges
Asbestos Consultant-Inspector	424	01/31/2016	05/12/2000	Hilton Hernandez	ACTIVE	None

Generated on: 6/2/2015 10:30:50 AM

# CERTIFICATE OF ACHIEVEMENT

*This certifies that*

**Hilton Hernandez**

*has successfully completed the*  
**Asbestos Site Inspector Refresher Training  
Asbestos Accreditation Under TSCA Title II  
40 CFR Part 763**

*conducted by*

**Cardno ATC  
73 William Franks Drive  
West Springfield, MA 01089  
(413) 781-0070**

*Gregory J. Morsch*

Principal Instructor: Gregory Morsch  
November 13, 2014

Date of Course

November 13, 2015

Expiration Date

*Gregory J. Morsch*

Regional Training Manager: Gregory Morsch  
STAR-5001

Certificate Number

November 13, 2014

Examination Date

WALLET CARD  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

VALIDATION NO.  
03-054562

NAME  
DAVID M. HEELON

CERTIFICATE NO.  
000637

CURRENT THROUGH  
10/31/15

PROFESSION  
ASBESTOS CONSULTANT-PROJECT MONITOR

SIGNATURE  
*David M. Heelon*

COMMISSIONER

WALLET CARD  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

VALIDATION NO.  
03-054563

NAME  
DAVID M. HEELON

CERTIFICATE NO.  
000635

CURRENT THROUGH  
10/31/15

PROFESSION  
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE  
*David M. Heelon*

COMMISSIONER

# CERTIFICATE OF ACHIEVEMENT

*This certifies that*

**Dave Heelon**

*has successfully completed the*  
**Asbestos Site Inspector Refresher Training  
Asbestos Accreditation Under TSCA Title II  
40 CFR Part 763**

*conducted by*

**Cardno ATC  
73 William Franks Drive  
West Springfield, MA 01089  
(413) 781-0070**

*Marc Soutra*  
Principal Instructor: Marc Soutra

December 18, 2014

Date of Course

December 18, 2015

Expiration Date

*Gregory J. Morsch*  
Regional Training Manager: Gregory Morsch

SIAR-5022

Certificate Number

December 18, 2014

Examination Date

WALLET CARD  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME

DAVID M. HEELON

VALIDATION NO.  
03-055456

CERTIFICATE NO.  
002188

CURRENT THROUGH  
10/31/15

PROFESSION  
LEAD INSPECTOR RISK ASSESSOR

SIGNATURE

*James N. Muller, MD*  
COMMISSIONER

# CERTIFICATE OF ACHIEVEMENT

*This certifies that*

**Dave Heelon**

18 Hale Street, West Springfield, MA 01089  
000-00-9220

*has successfully completed the*

## INSPECTOR RISK ASSESSOR REFRESHER

*Training Course*

*conducted by*  
*Cardno ATC*

73 William Franks Drive  
West Springfield, MA 01089  
(413) 781-0070

Principal Instructor:

December 5, 2014

Date of Course

CTLIRAR-381

Certificate Number

December 5, 2015

Exam Date

December 5, 2015

Expiration Date

*Gregory J. Morach*  
Interim Training Director

*Training received complies with the requirements of the  
Connecticut Department of Public Health pursuant to Section 2  
477 of the Connecticut General Statutes.*

**APPENDIX E**  
**LABORATORY ACCREDITATIONS**

# State of Connecticut, Department of Public Health

## Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

### TRC ENVIRONMENTAL CORPORATION

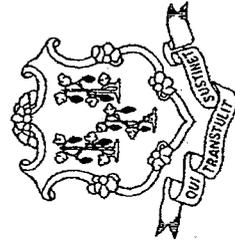
LOCATED AT 21 Griffin Road North IN Windsor, CT 06095  
AND REGISTERED IN THE NAME OF Erik Plimpton

THIS CERTIFICATE IS ISSUED IN THE NAME OF Kathleen Williamson WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

ASBESTOS  
AIR-FIBER COUNTING - PCM  
BULK IDENTIFICATION - PLM

#### SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES December 31, 2015 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH DATED AT HARTFORD, CONNECTICUT THIS 19<sup>th</sup> DAY OF December, 2013

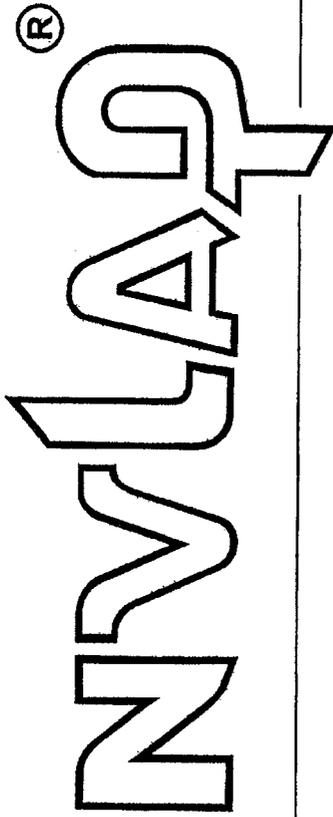


Registration No.

PH- 0426

SUZANNE BLANCAFLO, MS  
CHIEF, ENVIRONMENTAL HEALTH SECTION

United States Department of Commerce  
National Institute of Standards and Technology



---

# Certificate of Accreditation to ISO/IEC 17025:2005

---

NVLAP LAB CODE: 101424-0

**TRC Environmental Corporation**  
Windsor, CT

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:

## **BULK ASBESTOS FIBER ANALYSIS**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2013-07-01 through 2014-06-30

Effective dates



A handwritten signature in black ink, appearing to read "William R. Mudd".

For the National Institute of Standards and Technology

*State of Connecticut, Department of Public Health*  
*Approved Environmental Laboratory*

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

**PROSCIENCE ANALYTICAL SERVICES, INC.**

LOCATED AT 22 Cummings Park IN Woburn, MA 01801  
AND REGISTERED IN THE NAME OF Harvey Yee  
THIS CERTIFICATE IS ISSUED IN THE NAME OF Aimee Cormier WHO HAS BEEN DESIGNATED  
BY THE REGISTERED OWNER / AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF  
APPROVAL AS FOLLOWS:

**SOLID WASTE/SOIL**  
Examination for:  
Total Metals

**ASBESTOS**

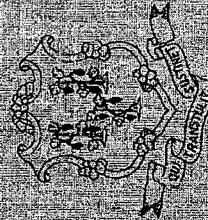
Bulk Identification (PLM + TEM)  
Air-Fiber Counting (PCM + TEM)

**ENVIRONMENTAL HEALTH & HOUSING**

Lead in Paint  
Lead (Paint) in Soil  
Lead in Dust Wipes

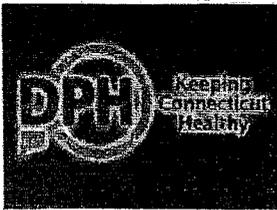
SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES December 31, 2016 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH  
DATED AT HARTFORD, CONNECTICUT, THIS 8<sup>th</sup> DAY OF December, 2014



Registration #  
PH-0209

SUZANNE BLANCAFLOR, MS  
CHIEF, ENVIRONMENTAL HEALTH SECTION



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM  
CERTIFIED ANALYTES REPORT FOR ALL MATRICES

## Proscience Analytical Services, Inc.

22 CUMMINGS PARK  
WOBURN, MA 01801

CT REGISTRATION NUMBER : PH-0209

REGISTERED OWNER / AUTHORIZED AGENT : Harvey Yee

DIRECTOR : Aimee Cormier

CO DIRECTOR(S) :

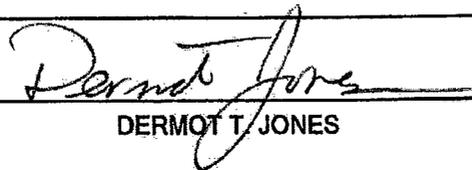
PHONE : (781) 935-3212

LABORATORY REGISTRATION EFFECTIVE DATE : 01/01/2015

LABORATORY REGISTRATION EXPIRATION DATE : 12/31/2016

LABORATORY STATUS : APPROVED

APPROVED BY

  
DERMOT T. JONES

12/8/2014 9:31:13 AM

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO THE  
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

---

**CONSTRUCTION, RENOVATION & DEMO BLDG  
MATERIALS**

STATUS REPORTED ON 12/8/2014

---

**ANALYTE NAME**

---

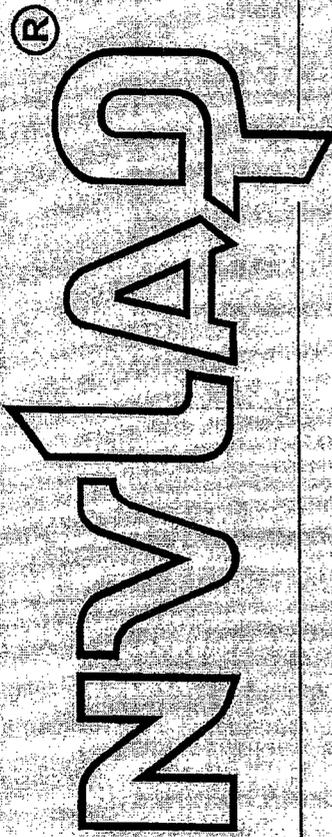
**ASBESTOS**

---

ASBESTOS IN AIR (PCM & TEM)

ASBESTOS IN BULK MATERIALS (PLM & TEM)

United States Department of Commerce  
National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200090-0

**ProScience Analytical Services, Inc.**  
Woburn, MA

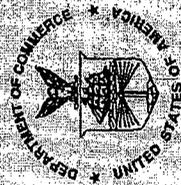
*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for*

### **BULK ASBESTOS FIBER ANALYSIS**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2015-01-01 through 2015-12-31

*Effective dates*



A handwritten signature in black ink, appearing to read "Mark D. Mudd".

*For the National Institute of Standards and Technology*



**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

ProScience Analytical Services, Inc.  
22 Cummings Park  
Woburn, MA 01801-2122  
Ms. Aimee Cormier  
Phone: 781-935-3212 Fax: 781-932-4857  
E-Mail: [aimee.cormier@proscience.net](mailto:aimee.cormier@proscience.net)  
URL: <http://www.proscience.net>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

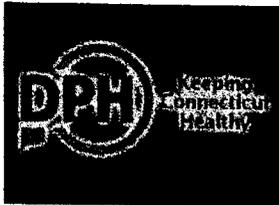
**NVLAP LAB CODE 200090-0**

<i>NVLAP Code</i>	<i>Designation / Description</i>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

2015-01-01 through 2015-12-31

*Effective dates*

*For the National Institute of Standards and Technology*



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM  
CERTIFIED ANALYTES REPORT FOR ALL MATRICES

## Complete Environmental Testing, Inc.

80 LUPES DRIVE  
STRATFORD, CT 06615

CT REGISTRATION NUMBER : PH-0116

REGISTERED OWNER / AUTHORIZED AGENT : David Ditta

DIRECTOR : David Ditta

CO DIRECTOR(S) : Timothy Fusco

PHONE : (203) 377-9984

LABORATORY REGISTRATION EFFECTIVE DATE : 10/01/2014

LABORATORY REGISTRATION EXPIRATION DATE : 09/30/2016

LABORATORY STATUS : APPROVED

APPROVED BY

  
PHILIP SCHLOSSBERG

10/7/2014 3:08:55 PM

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO THE  
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

---

# SOLID WASTE/SOIL

STATUS REPORTED ON 10/7/2014

---

## ANALYTE NAME

---

### PHYSICALS

pH

---

### MINERALS

SULFIDE

---

### NUTRIENTS

AMMONIA

KJELDAHL NITROGEN

TOTAL PHOSPHOROUS

---

### METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

CHROMIUM - Hexavalent

COBALT

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

STRONTIUM

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC

---

### RESIDUE

TOTAL RESIDUE (SOLIDS)

TOTAL VOLATILE RESIDUE

---

### DEMANDS

TOTAL ORGANIC CARBON

---

### MISCELLANEOUS

CORROSIVITY

CYANIDE (TOTAL)

IGNITABILITY

REACTIVITY

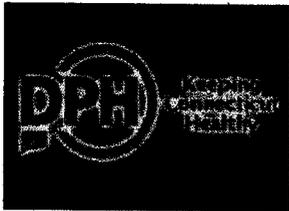
SPLP LEACH (1312)

TCLP LEACH (1311)

---

### PESTICIDES/ PCB'S

CHLORDANE (TECHNICAL)



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM  
CERTIFIED ANALYTES REPORT FOR ALL MATRICES

## Phoenix Environmental Laboratories, Inc.

587 EAST MIDDLE TURNPIKE  
MANCHESTER, CT 06040

CT REGISTRATION NUMBER : PH-0618

REGISTERED OWNER / AUTHORIZED AGENT : Allan Caffyn

DIRECTOR : Phyllis Shiller

CO DIRECTOR(S) : Kathleen Cressia

PHONE : (860) 645-1102

LABORATORY REGISTRATION EFFECTIVE DATE : 06/30/2014

LABORATORY REGISTRATION EXPIRATION DATE : 06/30/2016

LABORATORY STATUS : APPROVED

APPROVED BY

  
PHILIP SCHLOSSBERG

12/23/2014 12:03:46 PM

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO THE  
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

---

**PESTICIDES/ PCB'S**

---

CHLORDANE (TECHNICAL)	ORGANOCHLORINE PESTICIDES (Single Response)
PCB IN OIL	POLYCHLORINATED BIPHENYLS
TOXAPHENE	

---

**SOLVENTS**

---

CT Extractable Petroleum Hydrocarbons (ETPH)	
MA Extractable Petroleum Hydrocarbons (EPH)	MA Volatile Petroleum Hydrocarbons (VPH)
OIL AND GREASE	TOTAL ORGANIC HALIDES
TPH (HEM/SGT)	

---

**HERBICIDES**

---

2,4,5-T	2,4,5-TP (SILVEX)
2,4-D	DICAMBA

---

**TRIAZINE PESTICIDES**

---

ALACHLOR	
ATRAZINE	SIMAZINE

---

**RCRA (SW-846) ORGANICS**

---

ACID EXTRACTABLES (PHENOLS) (SW 8270)	BENZIDINES (SW 8270)
CHLORINATED HYDROCARBONS (SW 8270)	HALOETHERS (SW 8270)
NITROAROMATICS & CYCLIC KETONES (SW 8270)	NITROSOAMINES (SW 8270)
PAH's (SW 8270)	PHTHALATES (SW 8270)
VOLATILE ORGANICS (SW 8260)	

---

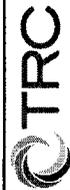
**ENVIRONMENTAL HEALTH & HOUSING**

---

LEAD (PAINT) IN SOIL	
LEAD IN DUST WIPES	LEAD IN PAINT

**APPENDIX F**

**TRC 2015 ASBESTOS BULK SAMPLE  
CHAIN OF CUSTODY FORMS**



21 GRIFFIN ROAD NORTH  
WINDSOR, CONNECTICUT 06095  
TELEPHONE (860) 298-9692  
FAX (860) 298-6380

## ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009  
Supersede Previous Edition

LAB ID #: 45844

PROJECT NUMBER 183572.5086.0710		PROJECT NAME Pomfret Maintenance Facility		PROJECT NAME CT DOT		TURNAROUND TIME				
		INSPECTOR Hilton Hernandez/ David Heelon		PLM: 8hr <input checked="" type="checkbox"/> 24hr <input checked="" type="checkbox"/> 48hr <input checked="" type="checkbox"/> 3day <input checked="" type="checkbox"/>		TEM: 24hr <input checked="" type="checkbox"/> 48hr <input checked="" type="checkbox"/> 3day <input type="checkbox"/> 5day <input type="checkbox"/>				
SIGNATURE 		SAMPLE LOCATION		PARAMETERS		MATERIAL				
FIELD SAMPLE NUMBER	DATE	TIME	TYPE	COM	GRAB	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)
01	5/5/15	0940	X		X					X
02	5/5/15	1000	X		X					X
03	5/5/15	1244	X		X					X
04	5/6/15	1249	X		X					X
05	5/5/15	1010	X		X					X
06	5/5/15	1040	X		X					X
07	5/7/15	1115	X		X					X
08	5/6/15	1300	X		X					X
09	5/5/15	1020	X		X					X
10	5/6/15	1435	X		X					X
11	5/6/15	1442	X		X					X

Relinquished by: (Signature) 	Date: 05/13/15	Received by: (Signature) 	Date: 5/13/15
(Printed) Hilton Hernandez	Time: 1545	(Printed) 1000	Time: (Printed)
Remarks:	Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Comments:
			Page 1 of 5



21 GRIFFIN ROAD NORTH  
WINDSOR, CONNECTICUT 06095  
TELEPHONE (860) 298-9692  
FAX (860) 298-6380

## ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009  
Supersede Previous Edition

LAB ID #. 45844

PROJECT NUMBER 183572.5086.0710		PROJECT NAME Pomfret Maintenance Facility		INSPECTOR Hilton Hernandez/ David Heelon		PARAMETERS					TURNAROUND TIME						
						PLM EPA 600/R93/16 (POSITIVE STOP)	PLM EPA 600/R93/16 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 1984 (IF PLM SERIES NEG)	PLM:	8hr	24hr	48hr	3day	TEM:	24hr
FIELD SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION		MATERIAL											
				COMP	GRAB												
12	5/5/15	1050	X	Office 1		CB1 4" Brown Cove Base & Glue	X										
13	5/5/15	1100	X	Women's Bathroom		CB2 4" Black Cove Base & Glue	X										
14	5/5/15	1110	X	Women's Bathroom		JC1 Joint Compound	X	X									
15	5/5/15	1120	X	Office 2		JC2 Joint Compound	X	X									
16	5/5/15	1130	X	Office 2		FT1 12" x 12" Gray/Green Vinyl Floor Tile & Mastic	X										
17	5/5/15	1250	X	Women's Bathroom		FT2 12" x 12" Tan Vinyl Floor Tile & Mastic	X										
18	5/5/15	1205	X	Office 1		DWG1 Off-White Interior Door Window Glazing	X										
19	5/6/15	1254	X	Office 2		DWG2 Exterior White Window Glazing Type 2	X										
20	5/6/15	1315	X	Garage Bay 3		C1 Gray Garage Door Frame Lentil Caulking	X										
21	5/6/15	1325	X	Office 2 Exterior by Air Conditioner		C2 Gray Exterior Caulk	X										

Relinquished by: (Signature) 	Date: 05/13/15	Received by: (Signature) 	Date: 5/13/15	Relinquished by: (Signature)	Received by: (Signature)
(Printed) Hilton Hernandez	Time: 1545	(Printed)	Time: 1600	(Printed)	(Printed)
Remarks:				Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
				Comments:	



21 GRIFFIN ROAD NORTH  
WINDSOR, CONNECTICUT 06095  
TELEPHONE (860) 298-9692  
FAX (860) 298-6380

## ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009  
Supersedes Previous Edition

LAB ID #: 45844

PROJECT NUMBER	PROJECT NAME	INSPECTOR		PARAMETERS				TURNAROUND TIME						
		SIGNATURE	Hilton Hernandez/ David Heelon	PLM EPA 600/R93/16 (POSITIVE STOP)	PLM EPA 600/R93/16 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	PLM:	TEM:	8hr	24hr	48hr	3day
FIELD SAMPLE NUMBER	DATE	TIME	TYPE	COMP	GRAB	SAMPLE LOCATION	MATERIAL							
22	5/6/15	1438	X	X	X	Exterior at Air Compressor Outlet on B side of Bldg	C4 White Caulk							
23	5/6/15	1025	X	X	X	Roof - On Chimney	SS3 Gray Chimney Crack Sealant							
24	5/6/15	1005	X	X	X	Roof Perimeter	FL2 Black Perimeter Flashing Membrane							
25	5/6/15	1015	X	X	X	Roof by Mechanical Unit	FL3 Brown Mechanical Unit Flashing Membrane							
26	5/6/15	1010	X	X	X	Roof by Chimney	FL4 Black Chimney Flashing Membrane							
27	5/6/15	1020	X	X	X	Roof by Chimney	FL5 Black Chimney Counter Flashing Membrane							
28	5/6/15	1030	X	X	X	Main Roof	RF1 Built-up Roofing Material							
29	5/6/15	1417	X	X	X	Boiler Room	CS1 Old Fire Chamber Sealer							
30	5/6/15	1425	X	X	X	Boiler Room	ECC1 Insulation End Cap Compound							
31	5/8/15	1325	X	X	X	Men's Bathroom	GR1 Grout between 1"x1" ceramic floor tile							
32	5/8/15	1334	X	X	X	Men's Bathroom	GR2 Ceramic Wall Tile Grout							

Relinquished by: (Signature) 	Date:	Received by: (Signature)	Date:	Received by: (Signature)
	05/13/15		5/13/15	
(Printed) Hilton Hernandez	Time: 1545	(Printed) 1600	Time: 1600	(Printed)
Remarks:	Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Comments:	



21 GRIFFIN ROAD NORTH  
WINDSOR, CONNECTICUT 06095  
TELEPHONE (860) 298-9692  
FAX (860) 298-6380

## ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009  
Supersedes Previous Edition

LAB ID #: 45844

PROJECT NUMBER 183572.5086.0710		PROJECT NAME Pomfret Maintenance Facility		PROJECT NAME INSPECTOR Hilton Hernandez/ David Heelon		PARAMETERS				TURNAROUND TIME									
						PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (F > 1% & < 10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	PLM:	8hr	24hr	48hr	3day	5day			
FIELD SAMPLE NUMBER	DATE	TIME	TYPE	COMP	GRAB	SAMPLE LOCATION	MATERIAL												
							GR1 Grout between 1"x1" Ceramic Floor Tile	GR2 Ceramic Wall Tile Grout	G1 Orange Adhesive Glue on 1"x1" Ceramic Floor Tile	G1 Orange Adhesive Glue on 1"x1" Ceramic Floor Tile	RF2 Roof Shingle	RF2 Roof Shingle	FL6 Roof Flashing Tar	FL6 Roof Flashing Tar	FL7 Flashing between Wood Seams	FL7 Flashing between Wood Seams			
33	5/8/15	1340	X		X	Men's Bathroom	X												
34	5/8/15	1336	X		X	Men's Bathroom	X												
35	5/8/15	1325	X		X	Men's Bathroom	X												
36	5/8/15	1340	X		X	Men's Bathroom	X												
37	5/8/15	1538	X		X	Bunker Roof (Old Salt Shed)	X												
38	5/8/15	1540	X		X	Bunker Roof (Old Salt Shed)	X												
39	5/8/15	1535	X		X	Bunker Roof (Old Salt shed)	X												
40	5/8/15	1538	X		X	Bunker Roof (Old Salt shed)	X												
41	5/8/15	1505	X		X	Salt Shed (Interior)	X												
42	5/8/15		X		X	Salt Shed (Interior)	X												

Relinquished by: (Signature) 	Date: 05/13/15	Received by: (Signature) 	Date: 5/13/15	Relinquished by: (Signature) (Printed)	Received by: (Signature) (Printed)
(Printed) Hilton Hernandez	Time: 1545	(Printed) Hilton Hernandez	Time: 1600	(Printed)	(Printed)
Remarks:	Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Comments:		



21 GRIFFIN ROAD NORTH  
 WINDSOR, CONNECTICUT 06095  
 TELEPHONE (860) 298-9692  
 FAX (860) 298-6380

## ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009  
 Supersede Previous Edition

LAB ID #: 45844

PROJECT NUMBER 183572.5086.0710		PROJECT NAME Pomfret Maintenance Facility		PARAMETERS		TURNAROUND TIME																
						PLM:	TEM:	8hr	24hr	48hr	3day	5day										
SIGNATURE 		INSPECTOR Hilton Hernandez/ David Heelon		MATERIAL																		
FIELD SAMPLE NUMBER	DATE	TIME	TYPE		SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (F > 1% & < 10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)												
			COMP	GRAB							8hr	24hr	48hr	3day	5day							
43	5/8/15	1456	X		Salt Shed (Exterior)	X																
44	5/8/15	1458	X		Salt Shed (Exterior)	X				X												
45	5/8/15	1501	X		Salt Shed (Exterior)	X																
46	5/8/15	1503	X		Salt Shed (Exterior)	X				X												

Relinquished by: (Signature) 	Date: 05/13/15	Received by: (Signature) 	Date: 5/13/15
(Printed) Hilton Hernandez	Time: 1545	(Printed) 16:00	Time: 16:00
Remarks:		Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Comments:	
		Received by: (Signature) (Printed)	
		Date: Page 5 of 5	

NT 15163

# Proscence Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857  
TEM Bulk Chain of Custody Record

Date: 05/18/15

PO#: C183572

Client: TRC

Client Job#: 183572.5086.0710

Client Job Ref./Loc.: CT DOT - Pomfret Maintenance Facility, Pomfret, CT

Relinquished by: A. Parkins - [AParkins@trcsolutions.com](mailto:AParkins@trcsolutions.com)

Received by: *Deven Louvel* 5-19-15 @ 10:30 am

Report to: E. Plimpton - [EPlimpton@trcsolutions.com](mailto:EPlimpton@trcsolutions.com) & [EBouley@trcsolutions.com](mailto:EBouley@trcsolutions.com)

Samplers Name: H. Hernandez/D/ Heelon

Analysis Type: Chatfield EPA N.O.B Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day 5 Day Other:

Client ID #	Lab ID#	Description	Location	For Lab Use Only			
				Acceptable on Receipt	Comments		
01	45844	Glazing	See COC				
03	45844	Caulk					
04	45844	Caulk					
05	45844	Caulk					
06	45844	Caulk					
07	45844	Caulk					
08	45844	Caulk					
12	45844	Cove Base AND Glue					
13	45844	Cove Base AND Glue					
16	45844	Tile AND Mastic					
17	45844	Tile AND Mastic					
18	45844	Glazing					
20	45844	Caulk					
21	45844	Caulk					
22	45844	Caulk					
23	45844	Sealant					
For Lab Use Only		# Spies	Total	Client #	Batch #	Results Reported	Comments



**APPENDIX G**

**TRC 2015 PLM LABORATORY ANALYSIS DATA**



**BULK ASBESTOS ANALYSIS REPORT**

CLIENT: CT Department of Transportation

Lab Log #: 0045844  
 Project #: 183572.5086.0710  
 Date Received: 05/13/2015  
 Date Analyzed: 05/18/2015

Site: Pomfret Maintenance Facility

**POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116**

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
01	Grey	Yes	No	--	---	Trace	Chrysotile
02	Grey	Yes	No	--	---	5%	Chrysotile
03	Off White	Yes	No	--	---	ND	None
04	White	Yes	No	--	---	ND	None
05	Off White	Yes	No	--	---	ND	None
06	Off White	Yes	No	--	---	ND	None
07	Brown	Yes	No	--	---	ND	None
08	Grey	Yes	No	--	---	ND	None
09	Grey	Yes	No	--	10% cellulose	2%	Chrysotile
10	Light Grey	Yes	No	--	---	5%	Chrysotile
11	Grey	Yes	No	--	---	5%	Chrysotile
12	Cream (glue)	No	Yes	1	---	ND	None
12	Brown (cove base)	No	Yes	2	---	ND	None
13	Cream (glue)	No	Yes	1	---	ND	None
13	Black (cove base)	No	Yes	2	---	ND	None
14	White	Yes	No	--	---	ND	None
15	White	Yes	No	--	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0 AIHA-LAP, LLC #100122 CT #PH-0426 ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV# LT000411  
 RI #AAL-007 TX #300354 VT #AL014538 LA#05011 VA #3333 000283 AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907  
 CO# AL-15020 PHIL# 461 PA#68-03387



**POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116**

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
16	Tan (mastic)	No	Yes	1	---	ND	None
16	Grey/Green (floor tile)	No	Yes	2	---	ND	None
17	Dark Tan (mastic)	No	Yes	1	---	ND	None
17	Tan (floor tile)	No	Yes	2	---	ND	None
18	Off White	Yes	No	--	---	Trace	Chrysotile
19	White	Yes	No	--	---	5%	Chrysotile
20	Grey	Yes	No	--	---	ND	None
21	Grey	Yes	No	--	---	ND	None
22	White	Yes	No	--	---	ND	None
23	Grey	Yes	No	--	---	ND	None
24	Black	Yes	No	--	5% fibrous glass	ND	None
25	Brown	Yes	No	--	10% fibrous glass	ND	None
26	Black	Yes	No	--	---	ND	None
27	Black	Yes	No	--	---	Trace	Chrysotile
28	Black	Yes	No	--	10% fibrous glass	ND	None
29	Grey	Yes	No	--	60% mineral wool	10%	Chrysotile
30	White	Yes	No	--	10% cellulose	ND	None
31	Grey	Yes	No	--	---	ND	None
32	Grey	Yes	No	--	---	ND	None
33	Grey	Yes	No	--	---	ND	None
34	Light Grey	Yes	No	--	---	ND	None
35	Orange	Yes	No	--	---	ND	None
36	Orange	Yes	No	--	---	ND	None

**TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS**

NVLAP Lab Code 101424-0    AIHA-LAP.LLC #100122    CT #PH-0426    ME LA-0075, LB-0071    MA #AA000052    NY #10980    WV# LT000411  
 RI #AAL-007    TX #300354    VT #AL014538 LA#05011    VA #3333 000283    AZ #A20944    HI #L-09-004    NJ #CT004    CA #2907  
 CO# AL-15020    PHIL# 461    PA#68-03387



**POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116**

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
37	Black	Yes	No	--	---	ND	None
38	Black	Yes	No	--	---	ND	None
39	Black	Yes	No	--	---	20%	Chrysotile
40	--	--	--	--	--	NA/PS	--
41	Black	Yes	No	--	20% cellulose	ND	None
42	Black	Yes	No	--	20% cellulose	ND	None
43	Black	Yes	No	--	10% fibrous glass	ND	None
44	Black	Yes	No	--	10% fibrous glass	ND	None
45	Black	Yes	No	--	60% cellulose	ND	None
46	Black	Yes	No	--	60% cellulose	ND	None

Reporting limit- asbestos present at 1%  
 ND - asbestos was not detected  
 Trace - asbestos was observed at level of less than 1%  
 NA/PS - Not Analyzed / Positive Stop  
 SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2015. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2016. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by: Amanda Parkins  
 Amanda Parkins, Laboratory Analyst

Reviewed by: K. Williamson  
 Kathleen Williamson, Laboratory Manager

Date Issued: 05/18/2015

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0 AIHA-LAP,LLC #100122 CT #PH-0426 ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV# LT000411  
 RI #AAL-007 TX #300354 VT #AL014538 LA#05011 VA #3333 000283 AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907  
 CO# AL-15020 PHIL# 461 PA#68-03387

**APPENDIX H**

**TRC 2015 TEM LABORATORY ANALYSIS DATA**

# ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801  
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail: general@proscience.net

## Laboratory Report

Client Project #: 183572.5086.0710  
Client Reference: CT DOT - Pomfret Maintenance Facility, Pomfret, CT  
PO #: C183572  
Client #: 297  
Client Name: TRC Environmental Corp. (CT)

Batch: NT 15163  
Method: NOB  
Date Received: 5/19/2015  
Date Analyzed: 5/21/2015  
Date of Report: 5/21/2015

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asp.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT115325	01	Interior Window Glazing		.2286	7.72	.00	.00	.00	.00	.00	3.31	7.74	81.23	7.72	Yes	No
NT115326	03	Interior Window Caulking		.2258	.00	.00	.00	.00	8.40	.00	19.59	18.02	53.99	8.40	Yes	No
NT115327	04	Exterior Window Caulk		.2385	.61	.00	.00	.00	.00	.00	6.08	19.37	74.55	TR	Yes	No
NT115328	05	Exterior Door Frame Caulk Type 1		.3810	.13	.00	.00	.00	2.66	.00	23.82	21.84	51.55	2.79	Yes	No
NT115329	06	Interior Door Frame Caulk		.2297	.89	.00	.00	.00	.00	.00	4.44	26.95	68.61	TR	Yes	No
NT115330	07	Brown Exterior Door Frame Caulk Type 2		.3479	.11	.00	.00	.00	.00	.00	5.37	32.08	62.55	TR	Yes	No
NT115331	08	Gray Exterior Door Frame Caulk Type 3		.2044	.00	.00	.00	.00	.00	.00	24.56	70.40	5.04	ND	Yes	No
NT115332	12G	4" Brown Cove Base Glue		.7517	.00	.00	.00	.00	.00	.00	41.52	43.61	14.87	ND	Yes	No
NT115333	12	4" Brown Cove Base		.1941	.00	.00	.00	.00	.00	.00	3.25	45.54	51.21	ND	Yes	No
NT115334	13G	4" Black Cove Base Glue		.2545	.00	.00	.00	.00	.00	.00	33.25	35.91	30.84	ND	Yes	No
NT115335	13	4" Black Cove Base		.2623	.00	.00	.00	.00	.00	.00	2.74	37.40	59.86	ND	Yes	No
NT115336	16M	Mastic		.3737	.00	.00	.00	.00	.00	.00	43.08	31.04	25.88	ND	Yes	No
NT115337	16	12"x12" Gray/ Green Vinyle Floor Tile		.2545	.00	.00	.00	.00	.00	.00	1.97	13.28	84.75	ND	Yes	No
NT115338	17M	Mastic		.0316	.00	.00	.00	.00	.00	.00	8.23	55.38	36.39	ND	Yes	No
NT115339	17	12"x12" Tan Vinyl Floor Tile		.4439	.00	.00	.00	.00	.00	.00	16.53	17.62	65.85	ND	Yes	No

# ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801  
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail: general@proscience.net

## Laboratory Report

Client Project #: 183572.5086.0710  
Client Reference: CT DOT - Pomfret Maintenance Facility, Pomfret, CT  
PO #: C183572  
Client #: 297  
Client Name: TRC Environmental Corp. (CT)

Batch: NT 15163  
Method: NOB  
Date Received: 5/19/2015  
Date Analyzed: 5/21/2015  
Date of Report: 5/21/2015

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types					% Other Non-asp.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT						
NT115340	18	Off-White Interior Door Window Glazing		.3000	5.34	.00	.00	.00	.00	.00	12.33	80.03	5.34	Yes	No
NT115341	20	Gray Garage Door Frame Lentil Caulking		.2456	.00	.00	.00	.00	.00	.00	25.77	68.77	ND	Yes	No
NT115342	21	Gray Exterior Caulk		.2968	.17	.00	.00	.00	.00	.00	27.80	68.83	TR	Yes	No
NT115343	22	White Caulk		.2762	.00	.00	.00	.00	4.61	.00	5.58	71.36	4.61	Yes	No
NT115344	23	Gray Chimney Crack Sealant		.3721	.00	.00	.00	.00	.00	.00	17.63	75.36	ND	Yes	No
NT115345	24	Black Perimeter Flashing Membrane		.4248	.00	.00	.00	.00	.00	.00	81.19	4.54	ND	Yes	No
NT115346	25	Brown Mechanical Unit Flashing Membrane		.2312	.00	.00	.00	.00	.00	.00	37.24	12.02	ND	Yes	No
NT115347	26	Black Chimney Flashing Membrane		.2585	.00	.00	.00	.00	.00	.00	71.64	4.60	ND	Yes	No
NT115348	27	Black Chimney Counter Flashing Membrane		.6540	10.29	.00	.00	.00	.00	.00	41.15	33.13	10.29	Yes	No
NT115349	28	Built-up Roofing Material		.3614	.00	.00	.00	.00	.00	.00	90.87	3.35	ND	Yes	No
NT115350	30	Insulation End Cap Compound		.2863	.00	.00	.00	.00	.00	.00	33.11	1.29	ND	Yes	No
NT115351	36	Orange Adhesive Glue on 1"x1" Ceramic Floor Tile		.0092	.00	.00	.00	.00	.00	.00	38.04	27.17	ND	Yes	No
NT115352	38	Roof Shingle		.4230	.00	.00	.00	.00	.00	.00	20.05	14.02	ND	Yes	No
NT115353	42	Flashing Between Wood Seams		.3049	.00	.00	.00	.00	.00	.00	59.69	19.51	ND	Yes	No
NT115354	44	Roof Shingle		.4640	.00	.00	.00	.00	.00	.00	19.85	20.75	ND	Yes	No

# ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801  
 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail: general@proscience.net

## Laboratory Report

Client Project #: 183572.5086.0710  
 Client Reference: CT DOT - Pomfret Maintenance Facility, Pomfret, CT  
 PO #: C183572  
 Client #: 297  
 Client Name: TRC Environmental Corp. (CT)

Batch: NT 15163  
 Method: NOB  
 Date Received: 5/19/2015  
 Date Analyzed: 5/21/2015  
 Date of Report: 5/21/2015

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types				% Other Non-asp.	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO					
NT115355	46	Vapor Barrier under Roof Shingle		.3644	.00	.00	.00	.00	1.48	.88	Yes	No	

**Comments:**

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace < 1% ND = None Detected

  
 Mark Deroster, Analyst

**APPENDIX I**

**LEAD PAINT XRF MEASUREMENT TABLE**



**Lead Based Paint Measurement Summary Table**

**Device(s):** Niton XLP301-A (Serial #25555) X Ray Fluorescence (XRF) Spectrum Analyzer  
**Site:** Pomfret Maintenance Facility, 31 Killingly Road, Pomfret, Connecticut  
**Project #:** 183572-5086-0710  
**Date(s):** 5/6/2015  
**Inspector:** David Heelon (Lead Inspector #002188)

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm <sup>2</sup> )	Precision (mg/cm <sup>2</sup> )	Depth Index	Duration (sec)	Date/Time
1	Shutter calibration							6.2	0.0	0.0	52.13	5/5/2015 8:23
2	Shutter calibration							6.4	0.0	0.0	52.24	5/6/2015 10:22
3	0.3 calibration							0.3	0.0	1	8.74	5/6/2015 10:31
4	1.6 calibration							1.4	0.2	1.08	4.64	5/6/2015 10:32
5	3.5 calibration							3.3	0.2	1.24	14.41	5/6/2015 10:32
6	0.6 calibration							0.6	0.1	1.03	5.12	5/6/2015 10:33
7	1.6 calibration							1.6	0.2	1.15	4.62	5/6/2015 10:33
8	Garage 1	D	Door	--	Metal	Brown	Defective	0.0	0.0	0.0	5.15	5/6/2015 10:36
9	Garage 1	D	Door	Casing	Metal	Brown	Defective	0.0	0.0	3.63	5.13	5/6/2015 10:37
10	Garage 1	D	Wall	--	Block	Red	Intact	0.1	0.0	1.29	7.71	5/6/2015 10:39
11	Garage 2	A	Cabinet	Door	Wood	Grey	Intact	2.4	0.3	2.44	8.73	5/6/2015 10:42
12	Garage 2	A	Cabinet	Drawer	Wood	Grey	Intact	0.0	0.0	1.3	6.17	5/6/2015 10:44
13	Garage 2	A	Cabinet	--	Wood	Grey	Intact	2.5	0.3	2.36	5.13	5/6/2015 10:45
14	Between Garage 3 & 4	C	Column	--	Concrete	Silver	Intact	0.0	0.0	1.03	10.76	5/6/2015 10:49
15	Garage 4	A	Wall	--	Block	Black	Intact	0.0	0.0	1.8	7.72	5/6/2015 10:51
16	Garage 4	B	Lockers	Door	Metal	Grey	Intact	0.1	0.0	1.33	8.72	5/6/2015 11:02
17	Garage 4	B	Cabinet	Door	Wood	Grey	Intact	0.0	0.0	1	8.73	5/6/2015 11:03
18	Garage 4	B	Cabinet	Casing	Wood	Grey	Intact	3.3	0.4	2.22	5.19	5/6/2015 11:05
19	Garage 4	B	Cabinet	Door	Wood	Grey	Intact	2.7	0.3	1.56	4.62	5/6/2015 11:06
20	Garage 4	C	Garage	Door	Panel	White	Intact	0.0	0.0	1	5.17	5/6/2015 11:08
21	Garage 5	D	Lockers	Door	Metal	Grey	Intact	0.0	0.0	1.79	5.67	5/6/2015 11:28
22	Garage 5	D	Lockers	Door	Metal	Grey	Intact	0.1	0.0	1.56	8.71	5/6/2015 11:30
23	Garage 5	B	Wall	--	Block	Tan/Beige	Intact	0.0	0.0	1.11	6.68	5/6/2015 11:32
24	Garage 5	B	Wall	--	Block	White	Intact	0.0	0.0	1.89	7.19	5/6/2015 11:33
25	Garage 5	B	Lockers	Door	Metal	Tan/Beige	Intact	0.0	0.0	2.98	5.66	5/6/2015 11:36
26	Garage 5	--	Tabletop	--	Wood	Grey	Intact	0.0	0.0	1	5.12	5/6/2015 11:39
27	Garage 5	B	Door	--	Metal	Brown	Intact	0.0	0.0	3.25	5.16	5/6/2015 11:40
28	Garage 5	B	Door	Casing	Metal	Brown	Intact	0.7	0.1	1.99	8.24	5/6/2015 11:41
29	Office 1	A	Wall	--	Wood	White	Intact	0.0	0.0	1	8.73	5/6/2015 11:46
30	Office 1	B	Wall	--	Block	White	Intact	0.0	0.0	2.06	7.7	5/6/2015 11:47
31	Office 1	--	Ceiling	--	Sheetrock	White	Intact	0.0	0.0	1	6.12	5/6/2015 11:48
32	Office 1	B	Door	--	Metal	Brown	Intact	0.0	0.1	6.02	8.75	5/6/2015 11:49

Lead paint includes paint found to contain any detectable amount of lead by Atomic Absorption Spectrophotometry (AAS) or X-Ray Fluorescence (XRF).



### Lead Based Paint Measurement Summary Table

**Device(s):** Niton XLP301-A (Serial #25555) X Ray Fluorescence (XRF) Spectrum Analyzer  
**Site:** Pomfret Maintenance Facility, 31 Killingly Road, Pomfret, Connecticut  
**Project # :** 183572-5086-0710  
**Date(s):** 5/6/2015  
**Inspector:** David Heelon (Lead Inspector #002188)

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
33	Office 3	--	Floor	--Stripe	Concrete	Yellow	Defective	0.1	0.0	4.41	7.21	5/6/2015 11:50
34	Office 3	A	Wall	--	Block	Tan/Beige	Intact	0.0	0.0	1.64	7.68	5/6/2015 11:53
35	Office 3	B	Wall	--	Sheetrock	White	Intact	0.0	0.0	1	6.7	5/6/2015 11:53
36	Office 3	A	Cabinet	Door	Wood	Brown Stain	Intact	0.0	0.0	1	5.15	5/6/2015 11:55
37	Mens Bathroom	A	Door	Door	Metal	Brown	Intact	0.0	0.0	2.62	5.14	5/6/2015 11:56
38	Mens Bathroom	D	Cabinet	Door	Wood	Grey	Intact	7.5	1.4	2.64	4.63	5/6/2015 11:57
39	Mens Bathroom	A	Stall	Wall	Metal	Grey	Intact	0.0	0.0	1	5.14	5/6/2015 11:59
40	Mens Bathroom	B	Wall	Wall	Block	Green	Intact	0.0	0.0	1.36	5.13	5/6/2015 12:00
41	Mens Bathroom	B	Heater	Vent	Metal	Tan/Beige	Intact	0.0	0.0	1	5.16	5/6/2015 12:01
42	Mens Bathroom	A	Window	Lentil	Metal	White	Intact	0.0	0.0	1	5.11	5/6/2015 12:02
43	Mens Bathroom	--	Ceiling	--	Plaster	White	Intact	0.0	0.0	1	7.16	5/6/2015 12:03
44	Mens Bathroom	--	Floor	--	Ceramic	Brown	Intact	0.0	0.0	1.55	7.68	5/6/2015 12:05
45	Office 2	A	Cabinet	Door	Wood	Brown Stain	Intact	0.0	0.0	1	5.15	5/6/2015 12:12
46	Office 1	B	Wall	--	Transite	Tan/Beige	Intact	0.0	0.0	1.03	7.71	5/6/2015 12:15
47	Womens Bathroom	C	Door	--	Metal	Brown	Intact	0.0	0.0	1	5.13	5/6/2015 12:16
48	Womens Bathroom	D	Wall	--	Sheetrock	Tan/Beige	Intact	0.0	0.0	1.08	6.17	5/6/2015 12:18
49	Womens Bathroom	D	Wall	Covebase	Vinyl	Black	Intact	2.2	0.8	3.3	7.65	5/6/2015 12:21
50	Womens Bathroom	--	Floor	Tile	Vinyl	Tan/Beige	Intact	0.0	0.0	1	11.26	5/6/2015 12:23
51	Office 3	B	Wall	--	Block	Tan/Beige	Intact	0.0	0.0	1.85	7.16	5/6/2015 12:24
52	Office 3	B	Wall	--	Block	White	Intact	0.0	0.0	1	7.67	5/6/2015 12:25
53	Between Office 3 & Garage 6	--	Floor	Threshold	Concrete	Yellow	Intact	7.4	1.5	10	5.63	5/6/2015 12:27
54	Garage6	--	Floor	Yellow Line	Concrete	Yellow	Intact	0.1	0.1	4.25	7.7	5/6/2015 12:29
55	Garage6	A	Cabinet	Door	Wood	Grey	Intact	0.0	0.0	1	5.11	5/6/2015 12:30
56	Garage6	A	Cabinet	Casing	Wood	Grey	Intact	0.0	0.0	1	5.16	5/6/2015 12:31
57	Garage6	A	Door	Door	Metal	Brown	Intact	0.0	0.0	1	5.16	5/6/2015 12:32
58	Garage6	A	Door	Casing	Metal	Brown	Intact	0.0	0.0	1	5.12	5/6/2015 12:32
59	Garage 7	A	Cabinet	Door	Wood	Grey	Intact	3.2	0.3	1.85	8.67	5/6/2015 12:33
60	Garage 7	A	Cabinet	Casing	Wood	Grey	Intact	3.8	0.9	2.15	2.58	5/6/2015 12:33
61	Garage 7	A	Cabinet	Door	Metal	Grey	Intact	0.0	0.0	1	5.13	5/6/2015 12:34
62	Garage 7	A	Cabinet	Casing	Metal	Grey	Intact	1.7	0.1	1.35	8.22	5/6/2015 12:35
63	Garage 9 Tool Crib	A	Shelf	--	Wood	Grey	Intact	0.0	0.0	1	5.13	5/6/2015 12:37
64	Garage 9 Tool Crib	A	Shelf	Casing	Wood	Grey	Intact	0.0	0.0	1	5.09	5/6/2015 12:37
65	Garage 9	B	Lockers	Door	Metal	Grey	Intact	0.1	0.0	1.27	5.13	5/6/2015 12:40

Lead paint includes paint found to contain any detectable amount of lead by Atomic Absorption Spectrophotometry (AAS) or X-Ray Fluorescence (XRF).

Side A = Street side; Sides B,C,D follow clockwise



### Lead Based Paint Measurement Summary Table

**Device(s):** Niton XLP301-A (Serial #25555) X Ray Fluorescence (XRF) Spectrum Analyzer  
**Site:** Pomfret Maintenance Facility, 31 Killingly Road, Pomfret, Connecticut  
**Project #:** 183572-5086-0710  
**Date(s):** 5/6/2015  
**Inspector:** David Heelon (Lead Inspector #002188)

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
66	Garage 9	B	Lockers	Casing	Metal	Grey	Intact	0.1	0.0	1	5.15	5/6/2015 12:41
67	Garage 9	B	Lockers	Casing	Metal	Grey	Intact	0.0	0.0	1.63	8.72	5/6/2015 12:45
68	Office 3	--	Ceiling	--	Metal	Brown	Intact	0.0	0.0	1.98	5.15	5/6/2015 12:47
69	Garage 5	A	Garage	Door	Vinyl	Brown	Intact	0.1	0.1	1.11	5.14	5/6/2015 12:51
70	Between Garage 3 & 4	A	Beam	--	Metal	Brown	Intact	0.6	0.1	2.45	5.11	5/6/2015 12:53
71	Main Entry	A	Door	--	Metal	Brown	Defective	0.0	0.0	1	5.12	5/6/2015 12:56
72	Garage 7	A	Garage	Door	Vinyl	Brown	Intact	0.1	0.0	1.07	8.73	5/6/2015 12:58
73	Between Garage 7 & 8	A	Beam	--	Metal	Brown	Intact	0.6	0.1	3.04	6.11	5/6/2015 13:00
74	Garage 9	B	Door	--	Metal	Brown	Intact	0.0	0.0	1.28	5.14	5/6/2015 13:01
75	Boiler Room	A	Door	--	Metal	Brown	Intact	0.0	0.0	1	5.16	5/6/2015 13:03
76	Boiler Room	--	Floor	Threshold	Brick	Yellow	Defective	1.5	0.2	2.63	5.65	5/6/2015 13:04
77	Boiler Room	B	Boiler	Door	Metal	Silver	Intact	0.0	0.0	1.13	5.12	5/6/2015 13:09
78	Boiler Room	D	Wall	--	Block	Grey	Intact	1.9	0.2	1.44	5.67	5/6/2015 13:10
79	Boiler Room	D	Wall	--	Block	White	Intact	0.0	0.0	1.55	7.68	5/6/2015 13:11
80	Boiler Room	C	Wall	--	Block	White	Intact	0.0	0.0	1.83	7.71	5/6/2015 13:13
81	Boiler Room	C	Wall	--	Block	Grey	Intact	5.7	1.6	1.59	4.64	5/6/2015 13:14
82	0.3 calibration	--	--	--	--	--	Intact	0.3	0.1	1	4.64	5/6/2015 13:16
83	0.6 calibration	--	--	--	--	--	Intact	0.6	0.1	1	8.73	5/6/2015 13:17
84	3.5 calibration	--	--	--	--	--	Intact	3.5	0.3	1.28	5.15	5/6/2015 13:17
85	Shutter calibration							6.4	0.0		52.33	5/6/2015 13:55
86	0.3 calibration							0.3	0.1	1.06	2.57	5/6/2015 13:58
87	0.6 calibration							0.7	0.1	1.04	5.63	5/6/2015 13:58
88	3.5 calibration							3.6	0.2	1.28	9.76	5/6/2015 13:58
89	Exterior	C	Gas Pump	Casing	Metal	Red	Defective	0.1	0.0	1	12.33	5/6/2015 14:01
90	Exterior	C	Column	Next to Gas Pumps	Concrete	Yellow	Intact	1.1	0.1	1.56	12.81	5/6/2015 14:04
91	Exterior	C	Column	Next to Gas Pumps	Concrete	Yellow	Intact	2.7	0.3	1.71	5.67	5/6/2015 14:05
92	Exterior	C	Floor	Next to Gas Pumps	Concrete	Yellow	Defective	0.0	0.0	2.93	8.19	5/6/2015 14:06
93	Exterior	C	Floor	Next to Gas Pumps	Concrete	Yellow	Defective	0.0	0.0	2.04	8.18	5/6/2015 14:06
94	Exterior Bunker - old salt shed	B	Door	Door	Wood	Brown	Intact	0.0	0.0	1	5.13	5/6/2015 14:09
95	Exterior Bunker - old salt shed	B	Column	--	Concrete	White	Intact	0.0	0.0	1.15	9.72	5/6/2015 14:10
96	Exterior salt shed	C	Column	--	Concrete	Yellow	Defective	0.2	0.1	4.17	8.72	5/6/2015 14:12
97	Exterior salt shed	C	Column	--	Concrete	Yellow	Defective	0.3	0.5	10	17.96	5/6/2015 14:13

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Side A = Street side; Sides B,C,D follow clockwise



**Lead Based Paint Measurement Summary Table**

**Device(s):** Niton XLP301-A (Serial #25555) X Ray Fluorescence (XRF) Spectrum Analyzer  
**Site:** Pomfret Maintenance Facility, 31 Killingly Road, Pomfret, Connecticut  
**Project # :** 183572-5086-0710  
**Date(s):** 5/6/2015  
**Inspector:** David Heelon (Lead Inspector #002188)

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
98	Exterior salt shed	C	Shingles	--	Wood	Brown	Intact	0.0	0.0	1	5.63	5/6/2015 14:15
99	Exterior salt shed	C	Shingles	--	Wood	Brown	Intact	0.0	0.0	1	8.73	5/6/2015 14:16
100	Exterior salt shed	B	Door	--	Wood	White	Intact	0.0	0.0	1	8.71	5/6/2015 14:17
101	Exterior salt shed	A	Wall	Inside Salt Shed	Wood	Brown Stain	Intact	0.0	0.0	1	5.65	5/6/2015 14:19
102	0.3 calibration	--	--	--	--	--	--	0.3	0.1	1.09	3.59	5/6/2015 14:25
103	0.6 calibration	--	--	--	--	--	--	0.7	0.2	1.09	2.58	5/6/2015 14:25
104	3.5 calibration	--	--	--	--	--	--	3.4	0.3	1.23	6.17	5/6/2015 14:25

Lead paint includes paint found to contain any detectable amount of lead by Atomic Absorption Spectrophotometry (AAS) or X-Ray Fluorescence (XRF).

Side A = Street side; Sides B, C, D follow clockwise

**APPENDIX J**

**COMPOSITE BUILDING MATERIAL  
WASTE CHARACTERIZATION DATA**

80 Lupes Drive  
Stratford, CT 06615



Tel: (203) 377-9984  
Fax: (203) 377-9952  
e-mail: cet1@cetlabs.com

Client: Mr. Hilton Hernandez  
TRC Environmental Consultants  
21 Griffin Rd., North  
Windsor, CT 06095

# Analytical Report

## CET# 5050319

Report Date: May 15, 2015  
Project: CTDOT, Pomfret Maintenance Facility  
Project Number: 183572.5086.0710

Connecticut Laboratory Certificate: PH 0116  
Massachusetts laboratory Certificate: M-CT903



New York Certification: 11982  
Rhode Island Certification: 199

CET # : 5050319

Project: CTDOT, Pomfret Maintenance Facility

Project Number: 183572.5086.0710

**SAMPLE SUMMARY**

The sample(s) were received at 18.3°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
01	5050319-01	Solid	5/13/2015 19:30	05/14/2015
02	5050319-02	Solid	5/13/2015 19:40	05/14/2015

**Analyte: Total Lead [EPA 6010C]**

**Analyst: SS**

**Prep: EPA 3050B**

**Matrix: Solid**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
5050319-02	02	0.11	0.10	%	1	B5E1511	05/15/2015	05/15/2015 14:51	

**Analyte: SPLP Lead [EPA 6010C]**

**Analyst: SS**

**Prep: EPA 3005A-1312**

**Matrix: Extract**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
5050319-02	02	ND	0.013	mg/L	1	B5E1526	05/15/2015	05/15/2015 15:00	

**Analyte: TCLP Lead [EPA 6010C]**

**Analyst: SS**

**Prep: EPA 3005A-1311**

**Matrix: Extract**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
5050319-01	01	0.25	0.013	mg/L	1	B5E1525	05/15/2015	05/15/2015 15:09	

CET # : 5050319

Project: CTDOT, Pomfret Maintenance Facility

Project Number: 183572.5086.0710

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta  
Laboratory Director

Report Comments:

Sample Result Flags:

E- The result is estimated, above the calibration range.

H- The surrogate recovery is above the control limits.

L- The surrogate recovery is below the control limits.

B- The compound was detected in the laboratory blank.

P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.

D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.

+ - The Surrogate was diluted out.

\*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.

\*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.

\*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.

\*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.

I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.

CET # : 5050319  
Project: CTDOT, Pomfret Maintenance Facility  
Project Number: 183572.5086.0710

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>EPA 6010C in Soil</i>	
Lead	CT,NY
Lead	CT,NY
<i>EPA 6010C in Solid</i>	
Lead	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2016
NY	New York Certification (NELAC)	11982	04/01/2015



**APPENDIX K**

**PCB CAULK LABORATORY ANALYSIS DATA**



Monday, May 18, 2015

Attn: Mr Erik Plimpton  
TRC Environmental Corp.  
21 Griffin Rd North  
Windsor, CT 06095

Project ID: 183572-5086-00710  
Sample ID#s: BJ15684 - BJ15720

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in cursive script that reads "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301





# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: service@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Temp 18°C Pg 2 of 4

**Data Delivery:**

- Fax #:
- Email: [epi@phoenixlabs.com](mailto:epi@phoenixlabs.com)

Customer: TLC Companies  
 Address: 21 Griffin Rd. N.  
Windsor, CT 06095

Project P.O.: C183572-  
 Phone #: (860) 298-9692  
 Fax #: (860) 298-6380

Sampler's Signature: [Signature] Date: 5/16/15

Report to: Erik Plimpton  
 Invoice to: Same

Client Sample - Information - Identification

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
------------------	--------------------------------	---------------	--------------	--------------

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
15696	13- Bay 9 Door	0	5/11/15	1325
15697	14- Bay 9 Door			1450
15698	15- Men's Bathroom			1500
15699	16- Boiler Room Door			1410
15700	17- Front entry Door			1420
15701	18- Bay 1 Door			1430
15702	19- Bay 1 south Door			1335
15703	20- Bay 1/45/Ent			1428
15704	21- Bay 1/45/Ent			1425
15705	22- Bay 7/80/Ext		5/11/15	1310
15706	23- Bay 6/67/Ext			1316
15707	24- Bay 6/67/Ext			1313

Soil VOA [Methanol] [S. Butylate] [H2O]	40 ml VOA Vial [ ] oz	GL Soil container ( 2 ) oz	GL Amber 100ml [As Is] [HCl]	PL As Is [ 1250ml ] 150ml [ 1500ml ] 1000ml	PL H2SO4 [ 1250ml ] 150ml [ 1500ml ] 1000ml	PL HNO3 250ml	Beckta Bottle
X							DC2
							I
							DC3
							I
							DC4
							EA1
							ES2
							I

Relinquished by: [Signature] Accepted by: [Signature]  
 Date: 5/12/15 Time: 17:16

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

Comments, Special Requirements or Regulations:

State where samples were collected: CT

- \* SURCHARGE APPLIES
- RCP Cert.
  - GW Protect.
  - GA Mobility
  - GB Mobility
  - SW Protect.
  - Res. Vol.
  - Ind. Vol.
  - Res. Criteria
  - Other
- MA
- MCP Cert.
  - GW-1
  - GW-2
  - GW-3
  - S-1
  - S-2
  - S-3
  - MWRA eSMART
  - Other
- CT/RI
- RCP Cert.
  - GW Protect.
  - GA Mobility
  - GB Mobility
  - SW Protect.
  - Res. Vol.
  - Ind. Vol.
  - Res. Criteria
  - Other
- Data Format
- Excel
  - PDF
  - GIS/Key
  - EQUIS
  - Other
- Data Package
- ASP-A
  - NJ Reduced Deliv.\*
  - NJ Hazsite EDD
  - Phoenix Std Report
  - Other



**CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: service@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726

Temp 18°C Pg 3 of 4  
 Data Delivery: W/C/CP  
 Fax #:  
 Email: ephoenix@phoenixlabs.com

Customer: TRC Composites  
 Address: 21 Griffin Rd N.  
Windsor, CT 06095

Project P.O.: C 183572  
 Phone #: (860) 218-9612  
 Fax #: (860) 218-6350

Project: 183572-5086-00710  
 Report to: Erik Mumpston  
 Invoice to: Same

**Client Sample - Information - Identification**

Sampler's Signature: [Signature] Date: 5/12/15

Matrix Code: DW=drinking water WW=wastewater S=soil/solid O=other (cont./glue)  
GW=groundwater SL=sludge A=air

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
15708	25- Bay 7	O	5/11/15	1330
15709	26- Bay 6			1346
15710	27- Bay 9			1350
15711	28- Office 1			1015
15712	29- Front Entry			1107
15713	30- Garage 1 (H) Bay			1120
15714	31- Garage 5, Bay			1130
15715	32- Bay 3			1145
15716	33- Office 2			1025
15717	34- Front Entry			1235
15718	35- Air compressor north			1305
15719	36- Roof Chimney			1250

Relinquished by: [Signature] Date: 5/12/15  
 Accepted by: [Signature] Date: 5/12/15  
 Time: 17:10

Comments, Special Requirements or Regulations:

Analysis Request: TCB

40 ml VOA Vial [As is] [H2O]	
GL Soil Container (4) oz	
GL Soil Container (2) oz	
GL Soil Container (1) oz	
GL Amber 1000ml [As is] [HCl]	
PL As is [ 250ml ] [500ml ] [1000ml]	
PL H2SO4 [ 250ml ] [500ml ] [1000ml]	
PL HNO3 250ml	
PL NaOH 250ml	
Bacteria Bottle	

Analysis Request	MA	CT/RI	Turnaround:	State where samples were collected:
TCB	<input checked="" type="checkbox"/> RCP Cert. <input type="checkbox"/> GW Protect. <input type="checkbox"/> GA Mobility <input type="checkbox"/> GB Mobility <input type="checkbox"/> SW Protect. <input type="checkbox"/> Res. Vol. <input type="checkbox"/> Ind. Vol. <input type="checkbox"/> Res. Criteria <input type="checkbox"/> Other	<input checked="" type="checkbox"/> 1 Day* <input type="checkbox"/> 2 Days* <input type="checkbox"/> 3 Days* <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Other	<input type="checkbox"/> * SURCHARGE APPLIES	<u>CT</u>

Data Format	Data Package
<input type="checkbox"/> Excel <input checked="" type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> Other	<input type="checkbox"/> ASP-A <input type="checkbox"/> NJ Reduced Deliv.* <input type="checkbox"/> NJ Hazsite EDD <input checked="" type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Other

State where samples were collected: CT





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
TRC Environmental Corp.  
21 Griffin Rd North  
Windsor, CT 06095

### Sample Information

Matrix: SOLID  
Location Code: TRC-PCB  
Rush Request: 72 Hour  
P.O.#: C183572

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date

05/07/15 11:30  
05/12/15 17:16

### Time

## Laboratory Data

SDG ID: GBJ15684  
Phoenix ID: BJ15684

Project ID: 183572-5086-00710  
Client ID: 01-OFFICE 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	79	mg/Kg	500	05/14/15	AW	SW8082A
PCB-1221	ND	79	mg/Kg	500	05/14/15	AW	SW8082A
PCB-1232	ND	79	mg/Kg	500	05/14/15	AW	SW8082A
PCB-1242	ND	79	mg/Kg	500	05/14/15	AW	SW8082A
PCB-1248	ND	79	mg/Kg	500	05/14/15	AW	SW8082A
PCB-1254	1000	79	mg/Kg	500	05/14/15	AW	SW8082A
PCB-1260	ND	79	mg/Kg	500	05/14/15	AW	SW8082A
PCB-1262	ND	79	mg/Kg	500	05/14/15	AW	SW8082A
PCB-1268	ND	79	mg/Kg	500	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	Diluted Out		%	500	05/14/15	AW	30 - 150 %
% TCMX	Diluted Out		%	500	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15684

Client ID: 01-OFFICE 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date      Time  
 05/07/15      11:45  
 05/12/15      17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15685

Project ID: 183572-5086-00710  
 Client ID: 02-OFFICE 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	82	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1221	ND	82	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1232	ND	82	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1242	ND	82	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1248	ND	82	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1254	960	82	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1260	ND	82	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1262	ND	82	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1268	ND	82	mg/Kg	500	05/15/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	Diluted Out		%	500	05/15/15	AW	30 - 150 %
% TCMX	Diluted Out		%	500	05/15/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15685

Client ID: 02-OFFICE 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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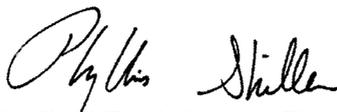
**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date

05/07/15 11:45  
 05/12/15 17:16

### Time

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15686

Project ID: 183572-5086-00710

Client ID: 03-BAY 4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	74	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1221	ND	74	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1232	ND	74	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1242	ND	74	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1248	ND	74	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1254	850	74	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1260	ND	74	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1262	ND	74	mg/Kg	500	05/15/15	AW	SW8082A
PCB-1268	ND	74	mg/Kg	500	05/15/15	AW	SW8082A

### QA/QC Surrogates

% DCBP	Diluted Out		%	500	05/15/15	AW	30 - 150 %
% TCMX	Diluted Out		%	500	05/15/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

## Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

05/07/15 11:49  
 05/12/15 17:16

## Time

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15687

Project ID: 183572-5086-00710  
 Client ID: 04-OFFICE 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PPW	SW3540C
<b>PCB (Soxhlet SW3540C)</b>							
PCB-1016	ND	8.1	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1221	ND	8.1	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1232	ND	8.1	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1242	ND	8.1	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1248	ND	8.1	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1254	ND	8.1	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1260	71	8.1	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1262	ND	8.1	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1268	ND	8.1	mg/Kg	50	05/14/15	AW	SW8082A
<b>QA/QC Surrogates</b>							
% DCBP	Diluted Out		%	50	05/14/15	AW	30 - 150 %
% TCMX	Diluted Out		%	50	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 04-OFFICE 2

Phoenix I.D.: BJ15687

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

## Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date                      Time  
 05/07/15                      11:50  
 05/12/15                      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15688

Project ID: 183572-5086-00710  
 Client ID: 05-BAY 4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C

## PCB (Soxhlet SW3540C)

PCB-1016	ND	3.8	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1221	ND	3.8	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1232	ND	3.8	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1242	ND	3.8	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1248	ND	3.8	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1254	11	3.8	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1260	ND	3.8	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1262	ND	3.8	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1268	ND	3.8	mg/Kg	25	05/14/15	AW	SW8082A

## QA/QC Surrogates

% DCBP	117		%	25	05/14/15	AW	30 - 150 %
% TCMX	98		%	25	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15688

Client ID: 05-BAY 4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
-----------	--------	------------	-------	----------	-----------	----	-----------

**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/07/15      11:50  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15689

Project ID: 183572-5086-00710  
 Client ID: 06-MENS BATH

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.73	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.73	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.73	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.73	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.73	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	6.4	0.73	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.73	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.73	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.73	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	95		%	5	05/14/15	AW	30 - 150 %
% TCMX	87		%	5	05/14/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/07/15      12:03  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15690

Project ID: 183572-5086-00710  
 Client ID: 07-MENS BATH

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	9.1	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	78		%	5	05/14/15	AW	30 - 150 %
% TCMX	59		%	5	05/14/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

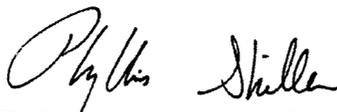
PCB Comment:

For PCBs, in order to reach the desired RL, multiple cleanup steps were performed. The extract was cleaned up with a combination of sulfuric acid, potassium permanganate, copper powder and additional florisol.

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
TRC Environmental Corp.  
21 Griffin Rd North  
Windsor, CT 06095

### Sample Information

Matrix: SOLID  
Location Code: TRC-PCB  
Rush Request: 72 Hour  
P.O.#: C183572

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

05/07/15      12:08  
05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
Phoenix ID: BJ15691

Project ID: 183572-5086-00710  
Client ID: 08-BAY 4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	8.3	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1221	ND	8.3	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1232	ND	8.3	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1242	ND	8.3	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1248	ND	8.3	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1254	58	8.3	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1260	ND	8.3	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1262	ND	8.3	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1268	ND	8.3	mg/Kg	50	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	Diluted Out		%	50	05/14/15	AW	30 - 150 %
% TCMX	Diluted Out		%	50	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 08-BAY 4

Phoenix I.D.: BJ15691

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/07/15      12:50  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15692

Project ID: 183572-5086-00710  
 Client ID: 09-OFFICE 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	8.2	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A

### QA/QC Surrogates

% DCBP	116		%	5	05/14/15	AW	30 - 150 %
% TCMX	86		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15692

Client ID: 09-OFFICE 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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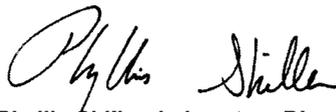
**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/07/15      11:55  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15693

Project ID: 183572-5086-00710  
 Client ID: 10-OFFICE 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	4.3	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	92		%	5	05/14/15	AW	30 - 150 %
% TCMX	83		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15693

Client ID: 10-OFFICE 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/07/15      12:05  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15694

Project ID: 183572-5086-00710  
 Client ID: 11-OFFICE 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PPW	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	4.9	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A

### QA/QC Surrogates

% DCBP	86		%	5	05/14/15	AW	30 - 150 %
% TCMX	80		%	5	05/14/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 05/07/15        13:25  
 05/12/15        17:16

### Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15695

Project ID: 183572-5086-00710  
 Client ID: 12-FRONT ENTRY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	115		%	5	05/14/15	AW	30 - 150 %
% TCMX	99		%	5	05/14/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 05/07/15        13:25  
 05/12/15        17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15696

Project ID: 183572-5086-00710  
 Client ID: 13-BAY 9 DOOR

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	0.77	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.77	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.77	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.77	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.77	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.77	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.77	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.77	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.77	mg/Kg	5	05/14/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	83		%	5	05/14/15	AW	30 - 150 %
% TCMX	89		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 13-BAY 9 DOOR

Phoenix I.D.: BJ15696

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 05/07/15        14:50  
 05/12/15        17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15697

Project ID: 183572-5086-00710  
 Client ID: 14-BAY 9 DOOR

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C

PCB (Soxhlet SW3540C)

PCB-1016	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	1.4	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A

QA/QC Surrogates

% DCBP	107		%	5	05/14/15	AW	30 - 150 %
% TCMX	95		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15697

Client ID: 14-BAY 9 DOOR

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 05/07/15        15:00  
 05/12/15        17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15698

Project ID: 183572-5086-00710  
 Client ID: 15-MENS BATHROOM

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	73		%	5	05/14/15	AW	30 - 150 %
% TCMX	78		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 15-MENS BATHROOM

Phoenix I.D.: BJ15698

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date      Time  
 05/07/15      14:10  
 05/12/15      17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15699

Project ID: 183572-5086-00710  
 Client ID: 16-BOILER RM DOOR

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	PP/W	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	*	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	*	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.82	mg/Kg	5	05/14/15	AW	SW8082A
Total PCBs	1.6	0.82	mg/Kg	5	05/14/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	99		%	5	05/14/15	AW	30 - 150 %
% TCMX	91		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 16-BOILER RM DOOR

Phoenix I.D.: BJ15699

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

PCB Comment:

\* For PCBs, as per section 11.9.3 of SW846 method 8082, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 05/07/15        14:20  
 05/12/15        17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15700

Project ID: 183572-5086-00710  
 Client ID: 17-FRONT ENTRY DOOR

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	87		%	5	05/14/15	AW	30 - 150 %
% TCMX	81		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 17-FRONT ENTRY DOOR

Phoenix I.D.: BJ15700

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 05/07/15        14:30  
 05/12/15        17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15701

Project ID: 183572-5086-00710  
 Client ID: 18-BAY 1 DOOR

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.75	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	95		%	5	05/14/15	AW	30 - 150 %
% TCMX	86		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15701

Client ID: 18-BAY 1 DOOR

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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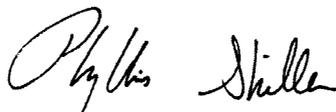
**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/07/15      13:35  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15702

Project ID: 183572-5086-00710  
 Client ID: 19-BAY 1 SOUTH DOOR

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	5	05/14/15	AW	30 - 150 %
% TCMX	88		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 19-BAY 1 SOUTH DOOR

Phoenix I.D.: BJ15702

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 05/07/15        14:28  
 05/12/15        17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15703

Project ID: 183572-5086-00710  
 Client ID: 20-BAY/4&5/INT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	3.1	mg/Kg	20	05/14/15	AW	SW8082A
PCB-1221	ND	3.1	mg/Kg	20	05/14/15	AW	SW8082A
PCB-1232	ND	3.1	mg/Kg	20	05/14/15	AW	SW8082A
PCB-1242	ND	3.1	mg/Kg	20	05/14/15	AW	SW8082A
PCB-1248	ND	3.1	mg/Kg	20	05/14/15	AW	SW8082A
PCB-1254	6.6	3.1	mg/Kg	20	05/14/15	AW	SW8082A
PCB-1260	ND	3.1	mg/Kg	20	05/14/15	AW	SW8082A
PCB-1262	ND	3.1	mg/Kg	20	05/14/15	AW	SW8082A
PCB-1268	ND	3.1	mg/Kg	20	05/14/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	87		%	20	05/14/15	AW	30 - 150 %
% TCMX	75		%	20	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15703

Client ID: 20-BAY/4&5/INT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date      Time  
 05/07/15      14:25  
 05/12/15      17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15704

Project ID: 183572-5086-00710  
 Client ID: 21-BAY/4&5/INT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	3.6	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1221	ND	3.6	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1232	ND	3.6	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1242	ND	3.6	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1248	ND	3.6	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1254	8	3.6	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1260	ND	3.6	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1262	ND	3.6	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1268	ND	3.6	mg/Kg	25	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	107		%	25	05/14/15	AW	30 - 150 %
% TCMX	94		%	25	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 21-BAY/4&5/INT

Phoenix I.D.: BJ15704

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date      Time  
 05/08/15    13:10  
 05/12/15    17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15705

Project ID: 183572-5086-00710  
 Client ID: 22-BAY/7&8/EXT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QP/W	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	60		%	5	05/14/15	AW	30 - 150 %
% TCMX	56		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 22-BAY/7&8/EXT

Phoenix I.D.: BJ15705

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date Time

05/08/15 13:15  
 05/12/15 17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15706

Project ID: 183572-5086-00710  
 Client ID: 23-BAY/6&7/EXT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.74	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	62		%	5	05/14/15	AW	30 - 150 %
% TCMX	57		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15706

Client ID: 23-BAY/6&7/EXT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date      Time  
 05/08/15      13:13  
 05/12/15      17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15707

Project ID: 183572-5086-00710  
 Client ID: 24-BAY/6&7/EXT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QP/W	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.76	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	92		%	5	05/14/15	AW	30 - 150 %
% TCMX	82		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15707

Client ID: 24-BAY/6&7/EXT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
TRC Environmental Corp.  
21 Griffin Rd North  
Windsor, CT 06095

### Sample Information

Matrix: SOLID  
Location Code: TRC-PCB  
Rush Request: 72 Hour  
P.O.#: C183572

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date            Time  
05/08/15        13:30  
05/12/15        17:16

### Laboratory Data

SDG ID: GBJ15684  
Phoenix ID: BJ15708

Project ID: 183572-5086-00710  
Client ID: 25-BAY 7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	3.7	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1221	ND	3.7	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1232	ND	3.7	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1242	ND	3.7	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1248	ND	3.7	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1254	16	3.7	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1260	ND	3.7	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1262	ND	3.7	mg/Kg	25	05/14/15	AW	SW8082A
PCB-1268	ND	3.7	mg/Kg	25	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	92		%	25	05/14/15	AW	30 - 150 %
% TCMX	74		%	25	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15708

Client ID: 25-BAY 7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 05/08/15        13:46  
 05/12/15        17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15709

Project ID: 183572-5086-00710  
 Client ID: 26-BAY 6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	6.7	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	98		%	5	05/14/15	AW	30 - 150 %
% TCMX	89		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15709

Client ID: 26-BAY 6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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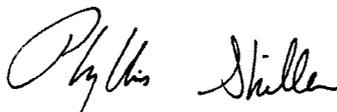
**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/08/15      13:50  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15710

Project ID: 183572-5086-00710  
 Client ID: 27-BAY 9

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	*	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	*	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
Total PCBs	9.4	0.81	mg/Kg	5	05/14/15	AW	SW8082A

### QA/QC Surrogates

% DCBP	93		%	5	05/14/15	AW	30 - 150 %
% TCMX	83		%	5	05/14/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

PCB Comment:

\* For PCBs, as per section 11.9.3 of SW846 method 8082, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date            Time  
 05/08/15        10:15  
 05/12/15        17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15711

Project ID: 183572-5086-00710  
 Client ID: 28-OFFICE 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	360	mg/Kg	2500	05/14/15	AW	SW8082A
PCB-1221	ND	360	mg/Kg	2500	05/14/15	AW	SW8082A
PCB-1232	ND	360	mg/Kg	2500	05/14/15	AW	SW8082A
PCB-1242	ND	360	mg/Kg	2500	05/14/15	AW	SW8082A
PCB-1248	ND	360	mg/Kg	2500	05/14/15	AW	SW8082A
PCB-1254	3200	360	mg/Kg	2500	05/14/15	AW	SW8082A
PCB-1260	ND	360	mg/Kg	2500	05/14/15	AW	SW8082A
PCB-1262	ND	360	mg/Kg	2500	05/14/15	AW	SW8082A
PCB-1268	ND	360	mg/Kg	2500	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	Diluted Out		%	2500	05/14/15	AW	30 - 150 %
% TCMX	Diluted Out		%	2500	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15711

Client ID: 28-OFFICE 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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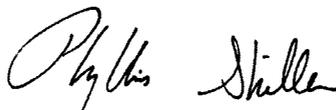
**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/08/15      11:07  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15712

Project ID: 183572-5086-00710  
 Client ID: 29-FRONT ENTRY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.72	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.72	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.72	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.72	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.72	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.72	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.72	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.72	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.72	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	5	05/14/15	AW	30 - 150 %
% TCMX	79		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15712

Client ID: 29-FRONT ENTRY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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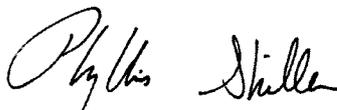
**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/08/15      11:20  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15713

Project ID: 183572-5086-00710  
 Client ID: 30-GARAGE 4 BAY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QP/W	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	81		%	5	05/14/15	AW	30 - 150 %
% TCMX	84		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 30-GARAGE 4 BAY

Phoenix I.D.: BJ15713

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

## Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date Time

05/08/15 11:30  
 05/12/15 17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15714

Project ID: 183572-5086-00710  
 Client ID: 31-GARAGE 5 BAY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QP/W	SW3540C
<b>PCB (Soxhlet SW3540C)</b>							
PCB-1016	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
<b>QA/QC Surrogates</b>							
% DCBP	83		%	5	05/14/15	AW	30 - 150 %
% TCMX	85		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 31-GARAGE 5 BAY

Phoenix I.D.: BJ15714

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date      Time

05/08/15      11:45  
 05/12/15      17:16

Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15715

Project ID: 183572-5086-00710  
 Client ID: 32-BAY 3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QP/W	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.83	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	81		%	5	05/14/15	AW	30 - 150 %
% TCMX	84		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15715

Client ID: 32-BAY 3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/08/15      10:25  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15716

Project ID: 183572-5086-00710  
 Client ID: 33-OFFICE 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/12/15	QPW	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	8.2	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1221	ND	8.2	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1232	ND	8.2	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1242	ND	8.2	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1248	ND	8.2	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1254	100	8.2	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1260	ND	8.2	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1262	ND	8.2	mg/Kg	50	05/14/15	AW	SW8082A
PCB-1268	ND	8.2	mg/Kg	50	05/14/15	AW	SW8082A

### QA/QC Surrogates

% DCBP	Diluted Out		%	50	05/14/15	AW	30 - 150 %
% TCMX	Diluted Out		%	50	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15716

Client ID: 33-OFFICE 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/08/15      12:35  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15717

Project ID: 183572-5086-00710  
 Client ID: 34-FRONT ENTRY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/13/15	QPW	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	0.76	mg/Kg	5	05/15/15	AW	SW8082A
PCB-1221	ND	0.76	mg/Kg	5	05/15/15	AW	SW8082A
PCB-1232	ND	0.76	mg/Kg	5	05/15/15	AW	SW8082A
PCB-1242	ND	0.76	mg/Kg	5	05/15/15	AW	SW8082A
PCB-1248	ND	0.76	mg/Kg	5	05/15/15	AW	SW8082A
PCB-1254	ND	0.76	mg/Kg	5	05/15/15	AW	SW8082A
PCB-1260	ND	0.76	mg/Kg	5	05/15/15	AW	SW8082A
PCB-1262	ND	0.76	mg/Kg	5	05/15/15	AW	SW8082A
PCB-1268	ND	0.76	mg/Kg	5	05/15/15	AW	SW8082A

### QA/QC Surrogates

% DCBP	72		%	5	05/15/15	AW	30 - 150 %
% TCMX	56		%	5	05/15/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

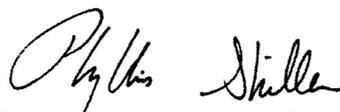
PCB Comment:

For PCBs, in order to reach the desired RL, multiple cleanup steps were performed. The extract was cleaned up with a combination of sulfuric acid, potassium permanganate, copper powder and additional florisil.

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

## Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date      Time

05/08/15      13:05  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15718

Project ID: 183572-5086-00710  
 Client ID: 35-AIR COMPRESSOR NORTH

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/13/15	QP/W	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.81	mg/Kg	5	05/14/15	AW	SW8082A

### QA/QC Surrogates

% DCBP	79		%	5	05/14/15	AW	30 - 150 %
% TCMX	70		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710  
Client ID: 35-AIR COMPRESSOR NORTH

Phoenix I.D.: BJ15718

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

### Sample Information

Matrix: SOLID  
 Location Code: TRC-PCB  
 Rush Request: 72 Hour  
 P.O.#: C183572

### Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

### Date      Time

05/08/15      12:50  
 05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
 Phoenix ID: BJ15719

Project ID: 183572-5086-00710  
 Client ID: 36-ROOF CHIMNEY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/13/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.8	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.8	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.8	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.8	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.8	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.8	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.8	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.8	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.8	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	75		%	5	05/14/15	AW	30 - 150 %
% TCMX	60		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15719

Client ID: 36-ROOF CHIMNEY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**May 18, 2015**

**Reviewed and Released by: Ethan Lee, Project Manager**



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 18, 2015

FOR: Attn: Mr Erik Plimpton  
TRC Environmental Corp.  
21 Griffin Rd North  
Windsor, CT 06095

### Sample Information

Matrix: SOLID  
Location Code: TRC-PCB  
Rush Request: 72 Hour  
P.O.#: C183572

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

05/08/15      13:00  
05/12/15      17:16

## Laboratory Data

SDG ID: GBJ15684  
Phoenix ID: BJ15720

Project ID: 183572-5086-00710  
Client ID: 37-ROOF CHIMNEY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100	1	%		05/12/15		SW846-%Solid
Caulk Extraction for PCB	Completed				05/13/15	QPW	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1221	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1232	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1242	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1248	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1254	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1260	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1262	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
PCB-1268	ND	0.79	mg/Kg	5	05/14/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	85		%	5	05/14/15	AW	30 - 150 %
% TCMX	69		%	5	05/14/15	AW	30 - 150 %

Project ID: 183572-5086-00710

Phoenix I.D.: BJ15720

Client ID: 37-ROOF CHIMNEY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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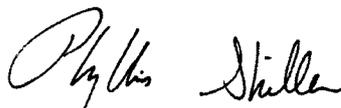
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

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Phyllis Shiller, Laboratory Director

May 18, 2015

Reviewed and Released by: Ethan Lee, Project Manager



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

May 18, 2015

## QA/QC Data

SDG I.D.: GBJ15684

Parameter	Blk		LCS %	LCS D %	LCS RPD	MS %	MS D %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
QA/QC Batch 307661 (mg/Kg), QC Sample No: BJ15150 10X (BJ15684, BJ15685, BJ15686, BJ15687, BJ15688, BJ15689, BJ15690, BJ15691, BJ15692, BJ15693, BJ15694, BJ15695, BJ15696, BJ15697, BJ15698, BJ15699)										
<b>Polychlorinated Biphenyls - Solid</b>										
PCB-1016	ND	0.17	74	72	2.7				40 - 140	30
PCB-1221	ND	0.17							40 - 140	30
PCB-1232	ND	0.17							40 - 140	30
PCB-1242	ND	0.17							40 - 140	30
PCB-1248	ND	0.17							40 - 140	30
PCB-1254	ND	0.17							40 - 140	30
PCB-1260	ND	0.17	79	78	1.3				40 - 140	30
PCB-1262	ND	0.17							40 - 140	30
PCB-1268	ND	0.17							40 - 140	30
% DCBP (Surrogate Rec)	82	%	86	85	1.2				30 - 150	30
% TCMX (Surrogate Rec)	76	%	81	77	5.1				30 - 150	30

**Comment:**

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 307648 (mg/Kg), QC Sample No: BJ15345 10X (BJ15720)

**Polychlorinated Biphenyls - Solid**

PCB-1016	ND	0.17	70	80	13.3	82	81	1.2	40 - 140	30
PCB-1221	ND	0.17							40 - 140	30
PCB-1232	ND	0.17							40 - 140	30
PCB-1242	ND	0.17							40 - 140	30
PCB-1248	ND	0.17							40 - 140	30
PCB-1254	ND	0.17							40 - 140	30
PCB-1260	ND	0.17	94	100	6.2	100	97	3.0	40 - 140	30
PCB-1262	ND	0.17							40 - 140	30
PCB-1268	ND	0.17							40 - 140	30
% DCBP (Surrogate Rec)	88	%	90	95	5.4	97	95	2.1	30 - 150	30
% TCMX (Surrogate Rec)	67	%	76	70	8.2	83	85	2.4	30 - 150	30

QA/QC Batch 307662 (mg/Kg), QC Sample No: BJ15700 10X (BJ15700, BJ15701, BJ15702, BJ15703, BJ15704, BJ15705, BJ15706, BJ15707, BJ15708, BJ15709, BJ15710, BJ15711, BJ15712, BJ15713, BJ15714, BJ15715, BJ15716, BJ15717, BJ15718, BJ15719)

**Polychlorinated Biphenyls - Solid**

PCB-1016	ND	0.17	71	65	8.8				40 - 140	30
PCB-1221	ND	0.17							40 - 140	30
PCB-1232	ND	0.17							40 - 140	30
PCB-1242	ND	0.17							40 - 140	30
PCB-1248	ND	0.17							40 - 140	30
PCB-1254	ND	0.17							40 - 140	30
PCB-1260	ND	0.17	81	71	13.2				40 - 140	30
PCB-1262	ND	0.17							40 - 140	30
PCB-1268	ND	0.17							40 - 140	30
% DCBP (Surrogate Rec)	92	%	90	76	16.9				30 - 150	30

**QA/QC Data**

SDG I.D.: GBJ15684

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
% TCMX (Surrogate Rec)	75	%	71	67	5.8				30 - 150	30

**Comment:**

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

**If there are any questions regarding this data, please call Phoenix Client Services at extension 200.**

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
Phyllis Shiller, Laboratory Director  
May 18, 2015

Monday, May 18, 2015

Page 1 of 1

# Sample Criteria Exceedences Report

Criteria: None

GBJ15684 - TRC-PCB

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

## Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

**Laboratory Name:** Phoenix Environmental Labs, Inc. **Client:** TRC Environmental Corp.

**Project Location:** 183572-5086-00710 **Project Number:**

**Laboratory Sample ID(s):** BJ15684, BJ15685, BJ15686, BJ15687, BJ15688, BJ15689, BJ15690, BJ15691, BJ15692, BJ15693, BJ15694, BJ15695, BJ15696, BJ15697, BJ15698, BJ15699, BJ15700, BJ15701, BJ15702, BJ15703, BJ15704, BJ15705, BJ15706, BJ15707, BJ15708, BJ15709, BJ15710, BJ15711, BJ15712, BJ15713, BJ15714, BJ15715, BJ15716, BJ15717, BJ15718, BJ15719, BJ15720

**Sampling Date(s):** 5/7/2015, 5/8/2015

**RCP Methods Used:**

1311/1312     6010     7000     7196     7470/7471     8081     EPH     TO15  
 8082     8151     8260     8270     ETPH     9010/9012     VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

**Note:** For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

**I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.**

Authorized  
Signature:

*Ethan Lee*

Date: Monday, May 18, 2015

Printed Name: Ethan Lee

Position: Project Manager





**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## RCP Certification Report

May 18, 2015

SDG I.D.: GBJ15684

Temperature above 6C:

The samples were received in a cooler with ice packs. No significant bias is suspected.

### PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

**Instrument:** Au-ecd24 05/13/15-1 (BJ15684, BJ15687, BJ15691, BJ15700, BJ15701, BJ15702, BJ15703, BJ15704, BJ15707, BJ15708, BJ15716)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none  
The initial calibration (PC508AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC508BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 5/13/2015

**Instrument:** Au-ecd29 05/13/15-1 (BJ15689, BJ15692, BJ15693, BJ15694, BJ15695, BJ15696, BJ15697)

The initial calibration (PC302AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC302BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 5/13/2015

**Instrument:** Au-ecd3 05/14/15-1 (BJ15685, BJ15686, BJ15718, BJ15719, BJ15720)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none  
The initial calibration (PC326AI) RSD for the compound list was less than 20% except for the following compounds: None.



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## RCP Certification Report

May 18, 2015

SDG I.D.: GBJ15684

The initial calibration (PC326BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 5/14/2015

**Instrument:** Au-ecd3 05/15/15-1 (BJ15717)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: noneThe initial calibration (PC326AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC326BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 5/15/2015

**Instrument:** Au-ecd48 05/13/15-1 (BJ15688, BJ15698, BJ15699, BJ15700, BJ15705, BJ15706, BJ15708, BJ15709, BJ15710, BJ15713, BJ15714, BJ15715)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: noneThe initial calibration (PC511AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC511BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 5/13/2015

**Instrument:** Au-ecd5 05/14/15-1 (BJ15690, BJ15711, BJ15712)

8082 Narration:



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Tel. (860) 645-1102 Fax (860) 645-0823



## RCP Certification Report

May 18, 2015

SDG ID.: GBJ15684

---

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none  
The initial calibration (PC513AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC513BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 5/14/2015

**QC Comments:** QC Batch 307661 05/12/15 (BJ15684, BJ15685, BJ15686, BJ15687, BJ15688, BJ15689, BJ15690, BJ15691, BJ15692, BJ15693, BJ15694, BJ15695, BJ15696, BJ15697, BJ15698, BJ15699)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

**QC Comments:** QC Batch 307662 05/12/15 (BJ15700, BJ15701, BJ15702, BJ15703, BJ15704, BJ15705, BJ15706, BJ15707, BJ15708, BJ15709, BJ15710, BJ15711, BJ15712, BJ15713, BJ15714, BJ15715, BJ15716, BJ15717, BJ15718, BJ15719)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.



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## RCP Certification Report

May 18, 2015

SDG I.D.: GBJ15684

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### QC (Site Specific)

----- Sample No: BJ15700, QA/QC Batch: 307662 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

### QC (Batch Specific)

----- Sample No: BJ15150, QA/QC Batch: 307661 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BJ15345, QA/QC Batch: 307648 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

### Temperature Narration

The samples in this delivery group were received at 18°C.  
(Note acceptance criteria is above freezing up to 6°C)

**APPENDIX L**

**PCB SUBSTRATE AND SOIL/GROUND COVER  
LABORATORY ANALYSIS DATA**

**CHAIN OF CUSTODY RECORD**



587 East Middle Turnpike, P.O. Box 370, Marchester, CT 06040  
 Fmail: info@phoenixlabs.com Fax: (860) 645-0823  
 Client Services (860) 645-8726

Order Yes  No   
 Contamt. IPK  ICE  No   
 Temp 29 C Pg 1 of 1

**Contact Options:**

Fax: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

Customer: TRC ENV. Project: Pomfret DOT Maint. Cany. Project P.O.: 12372-5026-3710  
 Address: 21 Giffen Rd N. Report to: E. Plimpton  
Windsor, CT Invoice to: CT

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [Signature] Date: 7/15/10  
 Client Sample - Information - Identification

Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Settment SL=Sludge B=Soil SD=Solid W=Wipe  
 OIL=Cil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
603513	S1	SD	7/25	9:01
603514	S2	SD		9:04
603515	S3	SD		9:08
603516	S4	SD		9:14
603517	S5	SD		9:18
603518	S6	SD		9:20
603519	S7	SD		9:35
603520	S8	S		9:40
603521	S9	SD		9:50

Analysis Request

3027-3590

SW-VOL Vial 1 (Analytical) 1 H2O	
SW-VOL Vial 2 (Analytical) 1 H2O	
SW-VOL Vial 3 (Analytical) 1 H2O	
SW-VOL Vial 4 (Analytical) 1 H2O	
SW-VOL Vial 5 (Analytical) 1 H2O	
SW-VOL Vial 6 (Analytical) 1 H2O	
SW-VOL Vial 7 (Analytical) 1 H2O	
SW-VOL Vial 8 (Analytical) 1 H2O	
SW-VOL Vial 9 (Analytical) 1 H2O	
SW-VOL Vial 10 (Analytical) 1 H2O	
SW-VOL Vial 11 (Analytical) 1 H2O	
SW-VOL Vial 12 (Analytical) 1 H2O	
SW-VOL Vial 13 (Analytical) 1 H2O	
SW-VOL Vial 14 (Analytical) 1 H2O	
SW-VOL Vial 15 (Analytical) 1 H2O	
SW-VOL Vial 16 (Analytical) 1 H2O	
SW-VOL Vial 17 (Analytical) 1 H2O	
SW-VOL Vial 18 (Analytical) 1 H2O	
SW-VOL Vial 19 (Analytical) 1 H2O	
SW-VOL Vial 20 (Analytical) 1 H2O	
SW-VOL Vial 21 (Analytical) 1 H2O	
SW-VOL Vial 22 (Analytical) 1 H2O	
SW-VOL Vial 23 (Analytical) 1 H2O	
SW-VOL Vial 24 (Analytical) 1 H2O	
SW-VOL Vial 25 (Analytical) 1 H2O	
SW-VOL Vial 26 (Analytical) 1 H2O	
SW-VOL Vial 27 (Analytical) 1 H2O	
SW-VOL Vial 28 (Analytical) 1 H2O	
SW-VOL Vial 29 (Analytical) 1 H2O	
SW-VOL Vial 30 (Analytical) 1 H2O	

Relinquished by: [Signature] Accepted by: [Signature]

Date: 7/27 Time: 7:02

RI:  Direct Exposure (Residential)  GW  Other

CT:  ROP Exit  GW Protection  SW Protection  GA Multi-Use  GAS Mobility  Residential DEC  IIC DEC  Other

MA:  MCH Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MMDA eSMART  Other

Data Format:  Excel  PDF  GIS/Key  EQ/IS  Other

Data Package:  Tier II Checklist  Full Data Package  Phoenix SLD Report  Other

Turnaround:  1 Day  2 Days  3 Days  Standard  Other

Comments, Special Requirements or Regulations:  
Results to Eric Plimpton  
EPLimpton@facilities.com  
★ DAS Gates Apply A

State where samples were collected: CT

\* SURCHARGE APPLIES



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Draft Progress Report**  
 July 28, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-DAS  
 Rush Request: 24 Hour  
 P.O.#: 183572-5086-0710

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date      Time

07/25/15      9:01  
 07/27/15      7:02

Laboratory Data

SDG ID: GBJ63513  
 Phoenix ID: BJ63513

Project ID: POMFRET DOT MAIN GARAGE  
 Client ID: S1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100		%		07/27/15	I	SW846-%Solid
Extraction for PCB	Completed				07/27/15	NQ/XZ	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1221	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1232	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1242	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1248	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1254	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1260	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1262	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1268	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	102		%	10	07/28/15	AW	30 - 150 %
% TCMX	97		%	10	07/28/15	AW	30 - 150 %

Project ID: POMFRET DOT MAIN GARAGE  
Client ID: S1

Phoenix I.D.: BJ63513

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

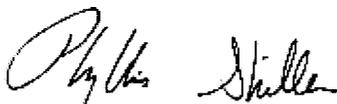
**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

July 28, 2015



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Draft Progress Report**  
 July 28, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-DAS  
 Rush Request: 24 Hour  
 P.O.#: 183572-5086-0710

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

07/25/15 9:04  
 07/27/15 7:02

Laboratory Data

SDG ID: GBJ63513  
 Phoenix ID: BJ63514

Project ID: POMFRET DOT MAIN GARAGE  
 Client ID: S2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	99		%		07/27/15	I	SW846-%Solid
Extraction for PCB	Completed				07/27/15	NQ/X/Z	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1221	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1232	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1242	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1248	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1254	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1260	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1262	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1268	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	87		%	10	07/28/15	AW	30 - 150 %
% TCMX	87		%	10	07/28/15	AW	30 - 150 %

Project ID: POMFRET DOT MAIN GARAGE  
Client ID: S2

Phoenix I.D.: BJ63514

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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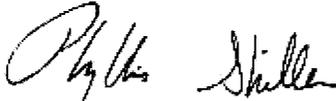
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

July 28, 2015



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Draft Progress Report**  
 July 28, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-DAS  
 Rush Request: 24 Hour  
 P.O.#: 183572-5086-0710

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date      Time  
 07/25/15      9:08  
 07/27/15      7:02

Laboratory Data

SDG ID: GBJ63513  
 Phoenix ID: BJ63515

Project ID: POMFRET DOT MAIN GARAGE  
 Client ID: S3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98		%		07/27/15	I	SW846-%Solid
Extraction for PCB	Completed				07/27/15	NQ/X/Z	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.34	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1221	ND	0.34	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1232	ND	0.34	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1242	ND	0.34	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1248	ND	0.34	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1254	ND	0.34	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1260	ND	0.34	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1262	ND	0.34	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1268	ND	0.34	mg/Kg	10	07/28/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	100		%	10	07/28/15	AW	30 - 150 %
% TCMX	103		%	10	07/28/15	AW	30 - 150 %

Project ID: POMFRET DOT MAIN GARAGE

Phoenix I.D.: BJ63515

Client ID: S3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

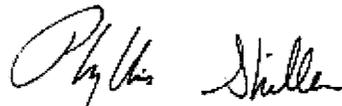
**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.**



Phyllis Shiller, Laboratory Director

July 28, 2015



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Draft Progress Report**  
 July 28, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-DAS  
 Rush Request: 24 Hour  
 P.O.#: 183572-5086-0710

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date            Time  
 07/25/15        9:14  
 07/27/15        7:02

**Laboratory Data**

SDG ID: GBJ63513  
 Phoenix ID: BJ63516

Project ID: POMFRET DOT MAIN GARAGE  
 Client ID: S4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100		%		07/27/15	I	SW846-%Solid
Extraction for PCB	Completed				07/27/15	NQ/X/Z	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1221	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1232	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1242	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1248	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1254	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1260	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1262	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1268	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	70		%	10	07/28/15	AW	30 - 150 %
% TCMX	75		%	10	07/28/15	AW	30 - 150 %

Project ID: POMFRET DOT MAIN GARAGE  
Client ID: S4

Phoenix I.D.: BJ63516

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

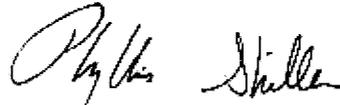
**Comments:**

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Phyllis Shiller, Laboratory Director

July 28, 2015



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Draft Progress Report**  
 July 28, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-DAS  
 Rush Request: 24 Hour  
 P.O.#: 183572-5086-0710

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date      Time  
 07/25/15      9:18  
 07/27/15      7:02

Laboratory Data

SDG ID: GBJ63513  
 Phoenix ID: BJ63517

Project ID: POMFRET DOT MAIN GARAGE  
 Client ID: S5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	99		%		07/27/15	I	SW846-%Solid
Extraction for PCB	Completed				07/27/15	NQ/X/Z	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1221	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1232	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1242	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1248	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1254	0.85	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1260	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1262	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1268	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	92		%	10	07/28/15	AW	30 - 150 %
% TCMX	102		%	10	07/28/15	AW	30 - 150 %

Project ID: POMFRET DOT MAIN GARAGE  
Client ID: S5

Phoenix I.D.: BJ63517

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

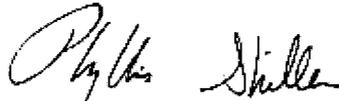
**Comments:**

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Phyllis Shiller, Laboratory Director

July 28, 2015



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Draft Progress Report**  
 July 28, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-DAS  
 Rush Request: 24 Hour  
 P.O.#: 183572-5086-0710

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

07/25/15 9:30  
 07/27/15 7:02

Time

Laboratory Data

SDG ID: GBJ63513  
 Phoenix ID: BJ63518

Project ID: POMFRET DOT MAIN GARAGE  
 Client ID: S6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100		%		07/27/15	I	SW846-%Solid
Extraction for PCB	Completed				07/27/15	NQ/XZ	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1221	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1232	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1242	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1248	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1254	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1260	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1262	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1268	ND	0.33	mg/Kg	10	07/28/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	90		%	10	07/28/15	AW	30 - 150 %
% TCMX	99		%	10	07/28/15	AW	30 - 150 %

Project ID: POMFRET DOT MAIN GARAGE  
Client ID: S6

Phoenix I.D.: BJ63518

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

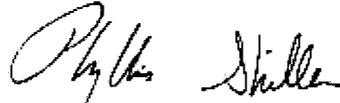
**Comments:**

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Phyllis Shiller, Laboratory Director

July 28, 2015



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Draft Progress Report**  
 July 28, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-DAS  
 Rush Request: 24 Hour  
 P.O.#: 183572-5086-0710

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

07/25/15 9:35  
 07/27/15 7:02

Laboratory Data

SDG ID: GBJ63513  
 Phoenix ID: BJ63519

Project ID: POMFRET DOT MAIN GARAGE  
 Client ID: S7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		07/27/15	I	SW846-%Solid
Extraction for PCB	Completed				07/27/15	NQ/X/Z	SW3540C

PCB (Soxhlet SW3540C)

PCB-1016	ND	0.35	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1221	ND	0.35	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1232	ND	0.35	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1242	ND	0.35	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1248	ND	0.35	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1254	ND	0.35	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1260	ND	0.35	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1262	ND	0.35	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1268	ND	0.35	mg/Kg	10	07/28/15	AW	SW8082A

QA/QC Surrogates

% DCBP	117		%	10	07/28/15	AW	30 - 150 %
% TCMX	80		%	10	07/28/15	AW	30 - 150 %

Project ID: POMFRET DOT MAIN GARAGE  
Client ID: S7

Phoenix I.D.: BJ63519

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

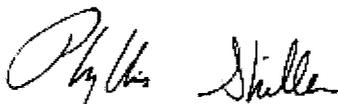
**Comments:**

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Phyllis Shiller, Laboratory Director

July 28, 2015



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Draft Progress Report**  
 July 28, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-DAS  
 Rush Request: 24 Hour  
 P.O.#: 183572-5086-0710

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date      Time  
 07/25/15      9:40  
 07/27/15      7:02

Laboratory Data

SDG ID: GBJ63513  
 Phoenix ID: BJ63520

Project ID: POMFRET DOT MAIN GARAGE  
 Client ID: S8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		07/27/15	I	SW846-%Solid
Extraction for PCB	Completed				07/27/15	NQ/X/Z	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.38	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1221	ND	0.38	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1232	ND	0.38	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1242	ND	0.38	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1248	ND	0.38	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1254	1.8	0.38	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1260	ND	0.38	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1262	ND	0.38	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1268	ND	0.38	mg/Kg	10	07/28/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	120		%	10	07/28/15	AW	30 - 150 %
% TCMX	101		%	10	07/28/15	AW	30 - 150 %

Project ID: POMFRET DOT MAIN GARAGE

Phoenix I.D.: BJ63520

Client ID: S8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

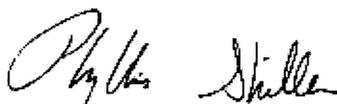
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Phyllis Shiller, Laboratory Director

July 28, 2015



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Draft Progress Report

July 28, 2015

FOR: Attn: Mr Erik Plimpton  
 TRC Environmental Corp.  
 21 Griffin Rd North  
 Windsor, CT 06095

Sample Information

Matrix: SOLID  
 Location Code: TRC-DAS  
 Rush Request: 24 Hour  
 P.O.#: 183572-5086-0710

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

07/25/15 9:50  
 07/27/15 7:02

## Laboratory Data

SDG ID: GBJ63513  
 Phoenix ID: BJ63521

Project ID: POMFRET DOT MAIN GARAGE  
 Client ID: S9

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	100		%		07/27/15	I	SW846-%Solid
Extraction for PCB	Completed				07/27/15	NQ/X/Z	SW3540C
<b><u>PCB (Soxhlet SW3540C)</u></b>							
PCB-1016	ND	0.32	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1221	ND	0.32	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1232	ND	0.32	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1242	ND	0.32	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1248	ND	0.32	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1254	ND	0.32	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1260	ND	0.32	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1262	ND	0.32	mg/Kg	10	07/28/15	AW	SW8082A
PCB-1268	ND	0.32	mg/Kg	10	07/28/15	AW	SW8082A
<b><u>QA/QC Surrogates</u></b>							
% DCBP	61		%	10	07/28/15	AW	30 - 150 %
% TCMX	54		%	10	07/28/15	AW	30 - 150 %

Project ID: POMFRET DOT MAIN GARAGE  
Client ID: S9

Phoenix I.D.: BJ63521

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level**

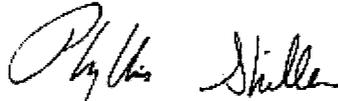
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Phyllis Shiller, Laboratory Director

July 28, 2015

Tuesday, July 28, 2015

Page 1 of 1

# Sample Criteria Exceedences Report

Criteria: None

State: CT

GBJ63513 - TRC-DAS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

**APPENDIX M**

**2001 PRIOR INSPECTION REPORTS**



**Asbestos Inspection Report  
for  
Department of Transportation  
Pomfret Maintenance Garage  
Building # 81-023  
Pomfret, Connecticut**

Client Project #581269

Prepared for:

State of Connecticut  
Department of Transportation  
Newington, CT 06111

August 22 & September 10, 2001

EnviroMed Project # IH-01-638

25 Science Park • New Haven, CT 06511  
(203) 786-5580 • facsimile (203) 786-5579

## TABLE OF CONTENTS

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I. PROJECT NARRATIVE.....	1
Overview .....	1
Summary of Results .....	2
II. SAMPLE LOCATION DIAGRAMS.....	5
III. SAMPLE LOG AND RESULTS TABLE.....	9
IV. LABORATORY ANALYSIS SHEETS.....	16

## I. PROJECT NARRATIVE

### Overview

On August 22, and September 10, 2001, state-licensed inspectors from EnviroMed Services, Inc. (EnviroMed) performed an inspection at the Department of Transportation – Maintenance Garage (Building #81-023), located in Pomfret, Connecticut. The purpose of this inspection was to identify the presence of asbestos in suspect building materials, so that any asbestos-containing material could be removed prior to periodic maintenance or renovation.

Samples were collected according to 40 CFR Part 763.86 and 29 CFR Part 1926.1101, and analyzed using Polarized Light Microscopy (PLM).

A total of one hundred and fifty nine (159) bulk samples were collected. The materials sampled include: interior window glazing, interior window caulking, three types of exterior window glazing, three types of exterior window caulking, three types of exterior door frame caulking, wall expansion joint caulking, floor expansion joint caulking, interior door frame caulking, 4" brown cove molding and associated glue, 4" black cove molding and associated glue, wallboard/sheetrock, wallboard joint compound, ceiling board/sheetrock, ceiling board joint compound, transite wall panel, 12"x12" green vinyl floor tile and associated mastic, interior door window glazing, 2'x4' suspended ceiling tile, two types of layered ceiling plaster, 12"x12" tan vinyl floor tile and associated mastic, two types of breaching cement, garage door frame lintel caulking, exterior caulking on bay column, exterior caulking on A/C unit, exterior door lintel caulking, exterior window lintel caulking, exterior phone wire caulking, exterior thermometer sensor caulking, drip edge seam caulking, gutter seam sealant, gray patching cement, perimeter flashing membrane, mechanical unit flashing membrane, chimney flashing membrane, chimney counter flashing membrane, chimney crack sealant, all layers comprising of built-up roofing material, vent tube cement, standard red brick and associated mortar, boiler insulation, burner gasket, old fire chamber sealer, standard fire brick, refractory brick, boiler section gasket, flue collector gasket, insulation end cap compound, chimney breaching cement, and exterior caulking on air compressor outlet.

Refer to Section II, Bulk Sample Location Diagrams, for bulk sample locations and identification.

## Summary of Results

EnviroMed Services Inc.'s accredited asbestos laboratory (NVLAP #1514) and ProScience Analytical Services, Inc.'s accredited asbestos laboratory (NVLAP #200090-0) analyzed the bulk samples. Section III presents the complete list of analytical results for the samples collected. The following presents the locations and estimated quantities of materials found to contain asbestos greater than 1.0 percent.

### Interior

#### Office #1

There is approximately 130 square feet of transite panel located on the partition walls. This material was found to contain 10-15 percent asbestos.

### Exterior

There is approximately 3 linear feet of exterior window glazing and caulking (type II) on the office #1 exterior doorway. These materials were found to contain 3 percent asbestos.

There is approximately 3.5 linear feet of exterior door lintel caulking located above the office #1 exterior doorway. This material was found to contain 3 percent asbestos.

There is approximately 15 linear feet of exterior window lintel caulking located above the office #1 and #2 windows. This material was found to contain 5 percent asbestos.

There is approximately 0.5 square feet of exterior phone wire caulking located on the exterior wall of office #1. This material was found to contain 5 percent asbestos.

### Roof

There is approximately 6 square feet of drip edge seam sealant at 27 locations on the northeast edge of the roof. This material was found to contain 15 percent asbestos.

There is approximately 15 square feet of gutter seam sealant located on the roof gutter seams. This material was found to contain 15 percent asbestos.

There is approximately 200 square feet of gray patching cement located along the perimeter of the roof on the southern, western, and eastern sides. This material was found to contain 15 percent asbestos.

There is approximately 4 square feet of vent tube cement located at the base of the vent tube above the ladies room. This material was found to contain 10 percent asbestos.

### **Non-Asbestos Containing Materials Found During the Inspection**

The following materials were found to contain legally insignificant amounts (0-1 percent) of asbestos: interior window glazing, interior window caulking, two types of exterior window glazing, two types of exterior window caulking, three types of exterior door frame caulking, wall expansion joint caulking, floor expansion joint caulking, interior door frame caulking, 4" brown cove molding and associated glue, 4" black cove molding and associated glue, wallboard/sheetrock, wallboard joint compound, ceiling board/sheetrock, ceiling board joint compound, 12"x12" green vinyl floor tile and associated mastic, interior door window glazing, 2'x4' suspended ceiling tile, two types of layered ceiling plaster, 12"x12" tan vinyl floor tile and associated mastic, two types of breaching cement, garage door frame lintel caulking, exterior caulking on bay column, exterior caulking on A/C unit, exterior thermometer sensor caulking, perimeter flashing membrane, mechanical unit flashing membrane, chimney flashing membrane, chimney counter flashing membrane, chimney crack sealant, all layers comprising of built-up roofing material, standard red brick and associated mortar, boiler insulation, burner gasket, old fire chamber sealer, standard fire brick, refractory brick, boiler section gasket, flue collector gasket, insulation end cap compound, chimney breaching cement, and exterior caulking on air compressor outlet.

See Section IV for a copy of the laboratory analysis sheets for the samples collected.

### **Additional Notes:**

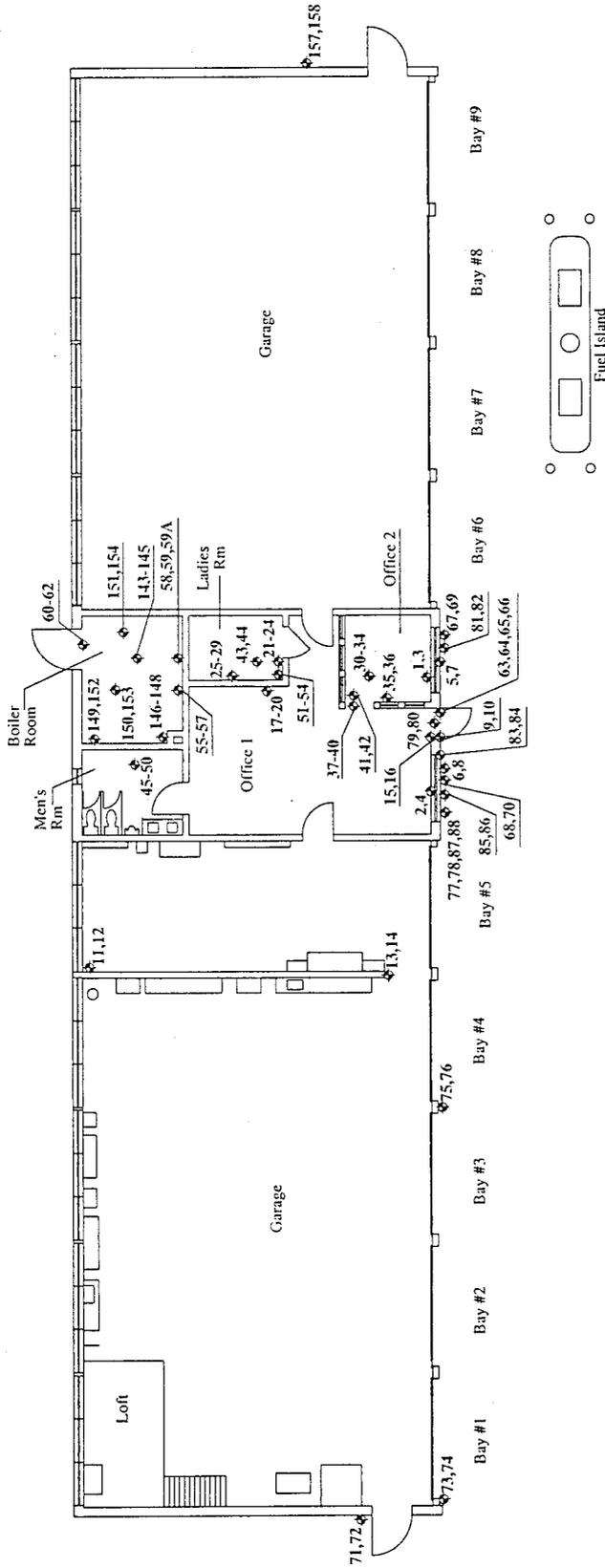
1. The possibility exists that suspect asbestos-containing materials may be located behind fixed walls, under fixed flooring or above fixed ceilings. During renovation activities, upon the penetration or demolition of a fixed wall or ceiling, should any suspect materials be seen or become accessible, all activities shall cease and the materials shall be sampled by a licensed inspector to determine the presence of asbestos.

2. EnviroMed strongly recommends the use of Transmission Electron Microscopy (TEM) on vinyl floor tiles in cases where both the vinyl floor tile and flooring mastic were found to contain 1% or less asbestos using Polarized Light Microscopy (PLM). PLM has been found to give "false negative" results on floor tile samples due to the fact that the asbestos fibers are tightly bound into the matrix of the floor tile. As a result the asbestos cannot be easily detected using PLM. The

use of the TEM analytical method will definitively determine whether or not the floor tile contains legally significant amounts of asbestos.

3. This inspection report shall not be used as a scope of work for asbestos abatement. The asbestos design specifications prepared by a licensed asbestos project designer shall only be utilized for the asbestos abatement.

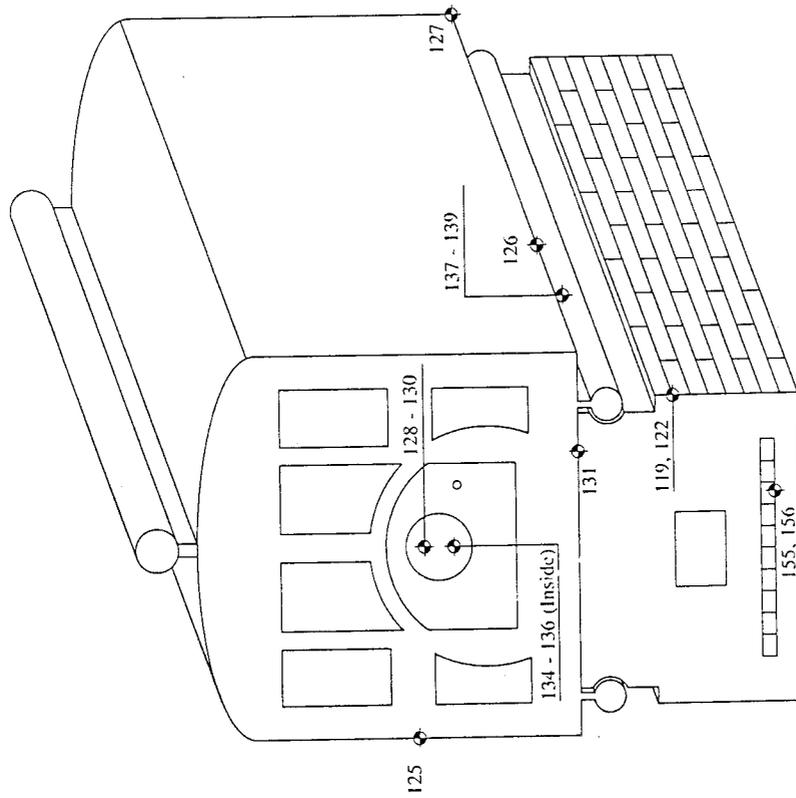
North



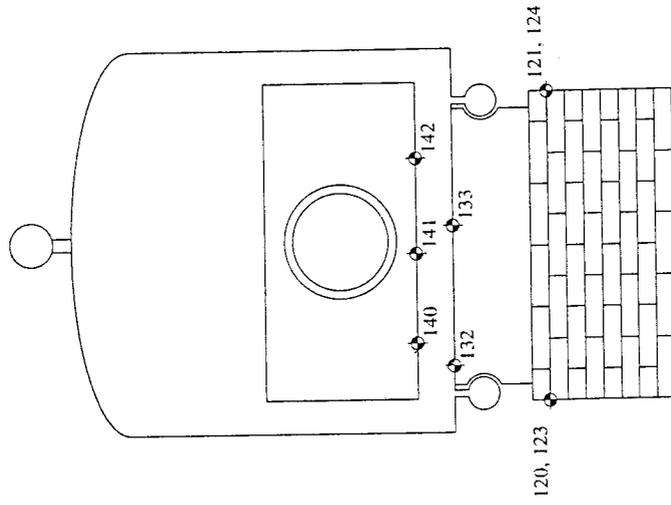
**Legend :**

◆ = Sample Number & Location

Drawing Title: <b>Asbestos Bulk Sample Location Diagram</b>	
Prepared by: <b>EnviroMed Services, Inc.</b> 25 Science Park, New Haven, CT 06511	Date: 08/21/01
Project: <b>Pumfret DOT Maintenance Garage</b> Ground Floor Plan Pumfret, Connecticut	Scale: N.T.S.
Prepared for: <b>State of Connecticut</b> Department of Transportation Newington, Connecticut	Drawn By: DER Approved By: J.F.
LMS # BH-01-638	Drawing No. <b>1</b> of 3



Boiler Front (Isometric)



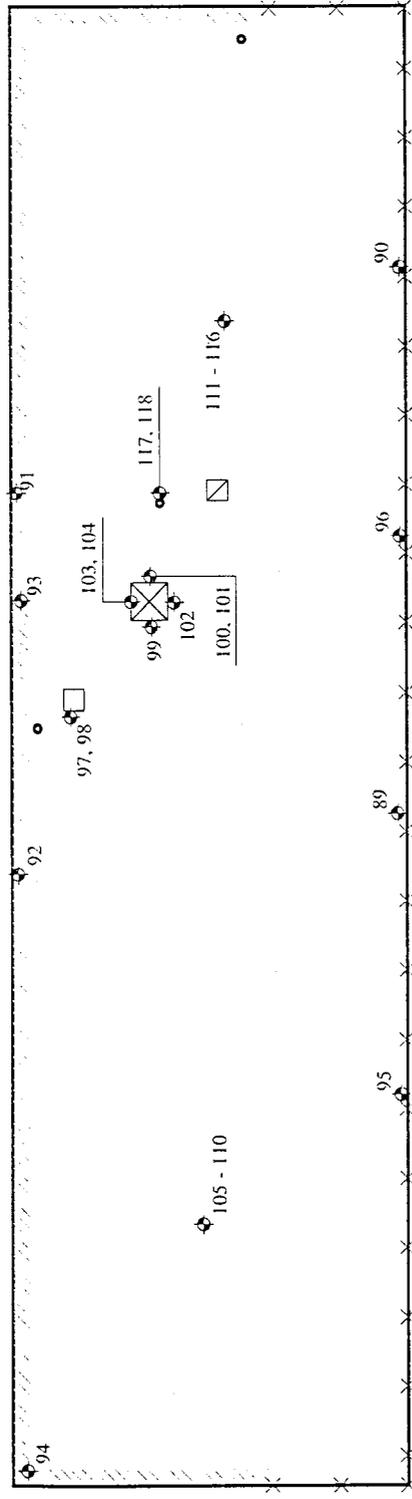
Boiler Rear

**Legend :**

◆ = Sample Number & Location

Drawing Title: <b>Asbestos Bulk Sample Location Diagram</b>	
Prepared by: <b>EnviroMcd Services, Inc.</b> 25 Science Park, New Haven, CT 06511	Date: 9/28/2001
Project: <b>Pomfret DOT Maintenance Garage</b> Building # 81-023 Pomfret, Connecticut	Scale: N.T.S.
Prepared for: <b>State of Connecticut</b> Department of Transportation Newington, Connecticut	Drawn By: <b>E.H.</b>
	Approved By: <b>G.B.</b>
	Drawing No. <b>2</b> of <b>3</b>
EMS # IH-01-638	

North



Roof

**Legend :**

- ◆ = Sample Number & Location
- = Vent Tubes
- ◻ = Mechanical Unit
- ◻ (diagonal) = Chimney
- ◻ (dot) = Gray patching cement
- × = Drip edge sealant

Drawing Title: <b>Asbestos Bulk Sample Location Diagram</b>	
Prepared by: <b>EnviroMed Services, Inc.</b> 25 Science Park, New Haven, CT 06511	Date: 9/28/2001
Project: <b>Pontret DOT Maintenance Garage Building # 81-023 Roof</b> Pontret, Connecticut	Scale: N.T.S.
Prepared for: <b>State of Connecticut</b> Department of Transportation Newington, Connecticut	Drawn By: E.H.
EMIS # 010103	Approved By: G.B.
	Drawing No. <b>3</b> of <b>3</b>

### III. SAMPLE LOG AND RESULTS TABLE

Sample Number	ACM	Location	PCB	Material Sampled	Percent Asbestos
✓ 1	✓	ground floor office #2 exterior window	✓	interior window glazing	NAD
2	✓	ground floor office #1 exterior window	X	interior window glazing	NAD
✓ 3	✓	ground floor office #2 exterior window	✓	interior window caulking	NAD
4	✓	ground floor office #1 exterior window	X	interior window caulking	NAD
✓ 5	✓	ground floor office #2 exterior window	X	exterior window glazing type I	NAD
6	✓	ground floor office #1 exterior window	X	exterior window glazing type I	NAD
7	✓	ground floor office #2 exterior window	✓	exterior window caulking type I	NAD
✓ 8	✓	ground floor office #1 exterior window	X	exterior window caulking type I	NAD
9	✓	ground floor office #1 exterior door	✓	exterior door frame caulking type I	NAD
✓ 10	✓	ground floor office #1 exterior door	X	exterior door frame caulking type I	NAD
11	✓	ground floor wall between bay #4 and bay #5	✓	wall expansion joint caulking	NAD
✓ 12	✓	ground floor wall between bay #4 and bay #5	X	wall expansion joint caulking	NAD
13	✓	ground floor wall between bay #4 and bay #5	✓	floor expansion joint caulking	NAD
✓ 14	✓	ground floor wall between bay #4 and bay #5	X	floor expansion joint caulking	NAD
✓ 15	✓	ground floor office #1 exterior door	✓	interior door frame caulking	NAD
16	✓	ground floor office #1 exterior door	X	interior door frame caulking	NAD
✓ 17	✓	ground floor office #1	X	4" brown cove molding	NAD
18	✓	ground floor office #1	X	4" brown cove molding	NAD
✓ 19	✓	ground floor office #1	X	glue behind 4" brown cove molding	NAD
20	✓	ground floor office #1	X	glue behind 4" brown cove molding	NAD
✓ 21	✓	ground floor ladies room	X	4" black cove molding	NAD
22	✓	ground floor ladies room	X	4" black cove molding	NAD
✓ 23	✓	ground floor ladies room	X	glue behind 4" black cove molding	NAD
24	✓	ground floor ladies room	X	glue behind 4" black cove molding	NAD

NAD = No Asbestos Detected

Sample Number	Acu	Location	PCB	Material Sampled	Percent Asbestos
25	✓ (N/A)	ground floor ladies room	X	wallboard/sheetrock	NAD
26	(N/A)	ground floor ladies room	X	wallboard/sheetrock	NAD
27	✓ (✓)	ground floor ladies room	X	wallboard joint compound white	NAD
28	(X)	ground floor ladies room	X	wallboard joint compound	<1
29	(X)	ground floor ladies room	X	wallboard joint compound	NAD
30	✓ (✓)	ground floor office #2	X	ceiling board/sheetrock	NAD
31	(X)	ground floor office #2	X	ceiling board/sheetrock	NAD
32	✓ (X)	ground floor office #2	X	ceiling board joint compound	NAD
33	(X)	ground floor office #2	X	ceiling board joint compound	NAD
34	(X)	ground floor office #2	X	ceiling board joint compound	NAD
35	(+)	ground floor office #2	X	transite wall	15
36	(X)	ground floor office #2	X	transite wall	10
37	✓ (✓)	ground floor office #2	X	12"x12" green vinyl floor tile gray	NAD
38	(A)	ground floor office #2	X	12"x12" green vinyl floor tile	NAD
39	✓ (✓)	ground floor office #2	X	mastic under 12"x12" green vinyl floor tile	NAD
40	(A)	ground floor office #2	✓	mastic under 12"x12" green vinyl floor tile	NAD
41	✓ (✓)	ground floor office #2 interior door window	(✓)	interior door window glazing off-white	NAD
42	(A)	ground floor office #2 interior door window	X	interior door window glazing	NAD
43	✓ (N/A)	ground floor ladies room	X	2'x4' suspended ceiling tile	NAD
44	(N/A)	ground floor ladies room	X	2'x4' suspended ceiling tile	NAD
45	✓ (N/A)	ground floor men's room	X	ceiling plaster skim coat - type I	NAD
46	(N/A)	ground floor men's room	X	ceiling plaster skim coat - type I	NAD
47	(N/A)	ground floor men's room	X	ceiling plaster skim coat - type I	NAD
48	✓ (N/A)	ground floor men's room	X	ceiling plaster base coat - type I	NAD

Paint Cont

NAD = No Asbestos Detected

Sample Number	ACM	Location	RB	Material Sampled	Percent Asbestos
49	(N/A)	ground floor men's room	X	ceiling plaster base coat - type I	NAD
50	(N/A)	ground floor men's room	X	ceiling plaster base coat - type I	NAD
51	(X)	ground floor ladies room	X	12"x12" tan vinyl floor tile	NAD
✓ 52	(✓)	ground floor ladies room	X	12"x12" tan vinyl floor tile	NAD
53	(X)	ground floor ladies room	X	mastic under 12"x12" tan vinyl floor tile	NAD
✓ 54	(✓)	ground floor ladies room	X	mastic under 12"x12" tan vinyl floor tile	NAD
✓ 55	N/A	ground floor boiler room	X	breaching cement brown	NAD
56	N/A	ground floor boiler room	X	breaching cement brown	NAD
57	N/A	ground floor boiler room	X	breaching cement brown	NAD
58	N/A	ground floor boiler room	X	breaching cement brown	NAD
59	N/A	ground floor boiler room	X	breaching cement brown	NAD
59A	N/A	ground floor boiler room	X	breaching cement brown	NAD
✓ 60	N/A	ground floor boiler room	X	breaching cement tan/yellow	NAD
61	N/A	ground floor boiler room	X	breaching cement tan/yellow	NAD
62	N/A	ground floor boiler room	X	breaching cement tan/yellow	NAD
63	(✓)	ground floor office #1 exterior door	(X)	exterior door frame caulking type II	NAD
64	(N/A)	ground floor office #1 exterior door	X	exterior door frame caulking type II	NAD
65	(✓)	ground floor office #1 exterior door	(✓)	exterior window glazing type II	3
66	(X)	ground floor office #1 exterior door	X	exterior window glazing type II	NA
67	(X)	ground floor office #2 exterior window	(X)	exterior window caulking type II	3
68	(X)	ground floor office #1 exterior window	X	exterior window caulking type II	NA
69	(✓)	ground floor office #2 exterior window	(X)	exterior window glazing type III	<1
70	(X)	ground floor office #1 exterior window	X	exterior window glazing type III	<1
71	(✓)	ground floor bay #1 exterior door	(✓)	exterior door frame caulking type III	NAD
72	(X)	ground floor bay #1 exterior door	X	exterior door frame caulking type III	NAD

NAD = No Asbestos Detected  
 NA = Not Analyzed

Sample Number	Acum	Location	PCB	Material Sampled	Percent Asbestos
73	✓	ground floor bay #1	PCB (K)	garage door frame lintel caulking	NAD
74	✗	ground floor bay #1	X	garage door frame lintel caulking	NAD
75	⊕	ground floor column between bay #3 & bay #4	✗	exterior caulking on bay column	NAD
76	⊕	ground floor column between bay #3 & bay #4	✗	exterior caulking on bay column	NAD
77	✓	ground floor office #1 A/C unit	✓	exterior caulking on A/C unit	NAD
78	✗	ground floor office #1 A/C unit	X	exterior caulking on A/C unit	NAD
79	⊕	ground floor office #1 exterior door	✗	exterior door lintel caulking	NA
80	⊕	ground floor office #1 exterior door	X	exterior door lintel caulking	NA
81	⊕	ground floor office #2 exterior window	✗	exterior window lintel caulking	5
82	⊕	ground floor office #2 exterior window	X	exterior window lintel caulking	NA
83	⊕	ground floor exterior wall - o/s office #1	✓	exterior phone wire caulking	5
84	⊕	ground floor exterior wall - o/s office #1	X	exterior phone wire caulking	NA
85	✗	ground floor exterior wall - o/s office #1	N/A	exterior thermometer sensor caulking	NAD
86	✗	ground floor exterior wall - o/s office #1	X	exterior thermometer sensor caulking	NAD
87	✓	ground floor office #1 exterior window	✓	exterior window caulking type III	NAD
88	⊕	ground floor office #1 exterior window	X	exterior window caulking type III	NAD
89	⊕	main roof	N/A	drip edge seam sealant	15
90	✗	main roof	N/A	drip edge seam sealant	15
91	⊕	main roof	N/A	gutter seam sealant	15
92	✗	main roof	N/A	gutter seam sealant	15
93	⊕	main roof	N/A	gray patching cement	NAD
94	✗	main roof	N/A	gray patching cement	5
95	✓	main roof	N/A	perimeter flashing membrane	NAD
96	✗	main roof	N/A	perimeter flashing membrane	NAD
97	✓	main roof	N/A	mechanical unit flashing membrane	NAD

NAD = No Asbestos Detected  
 NA = Not Analyzed

Sample Number	ACM	Location	PLB	Material Sampled	Percent Asbestos
98	(X)	main roof	N/A	FL3 mechanical unit flashing membrane	NAD
99	(✓)	main roof	N/A	chimney flashing membrane	NAD
100	(Q)	main roof	N/A	FL4 chimney flashing membrane	NAD
101	(✓)	main roof	N/A	chimney counter flashing membrane	<1
102	(X)	main roof	N/A	chimney counter flashing membrane	<1
103	(✓)	main roof	(V) (W) (V) (V)	SS3 chimney crack sealant	NAD
104	X	main roof	(X)	chimney crack sealant	NAD
105	(✓)	main roof	X	built-up roofing material top layer	NAD
106		main roof	X	built-up roofing material second layer	NAD
107		main roof	X	built-up roofing material third layer	NAD
108	(✓)	main roof	X	RF1 built-up roofing material fourth layer	NAD
109		main roof	X	built-up roofing material fifth layer	NAD
110		main roof	X	built-up roofing material bottom layer	NAD
111		main roof	X	built-up roofing material top layer	NAD
112		main roof	X	built-up roofing material second layer	NAD
113	(X)	main roof	X	RF built-up roofing material third layer	NAD
114		main roof	X	built-up roofing material fourth layer	NAD
115		main roof	X	built-up roofing material fifth layer	NAD
116		main roof	X	built-up roofing material bottom layer	NAD
117	(✓)	main roof	X	RF1 vent tube cement	10
118	(A)	main roof	X	RF1 vent tube cement white	10
119	(N/A)	ground floor boiler room/boiler	X	standard red brick	NAD
120	(N/A)	ground floor boiler room/boiler	X	standard red brick	NAD
121	(N/A)	ground floor boiler room/boiler	X	standard red brick	NAD
122	(N/A)	ground floor boiler room/boiler	X	mortar	NAD
123		ground floor boiler room/boiler	X	mortar	NAD

NAD = No Asbestos Detected

Sample Number	ACA	Location	PCB	Material Sampled	Percent Asbestos
124	MTK	ground floor boiler room/boiler	X	RTI mortar	NAD
125	MA	ground floor boiler room/boiler	X	boiler insulation	NAD
126	AP	ground floor boiler room/boiler	X	TSE boiler insulation	NAD
127	MD	ground floor boiler room/boiler	X	boiler insulation	NAD
128	MA	ground floor boiler room/boiler	X	burner gasket	NAD
129	MD	ground floor boiler room/boiler	X	BSE burner gasket	NAD
130	MD	ground floor boiler room/boiler	X	burner gasket	NAD
131	MD	ground floor boiler room/boiler	X	old fire chamber sealer	NAD
132	N/A	ground floor boiler room/boiler	X	CS old fire chamber sealer <sup>tax</sup>	NAD
133	MD	ground floor boiler room/boiler	X	old fire chamber sealer	NAD
134	MD	ground floor boiler room/boiler	X	standard fire brick	NAD
135	MD	ground floor boiler room/boiler	X	FB standard fire brick	NAD
136	MD	ground floor boiler room/boiler	X	standard fire brick	NAD
137	MD	ground floor boiler room/boiler	X	boiler section gasket	NAD
138	MD	ground floor boiler room/boiler	X	BSE boiler section gasket	NAD
139	MD	ground floor boiler room/boiler	X	Rubber boiler section gasket	NAD
140	MD	ground floor boiler room/boiler	X	flue collector gasket	NAD
141	MD	ground floor boiler room/boiler	X	CS flue collector gasket	NAD
142	MD	ground floor boiler room/boiler	X	flue collector gasket	NAD
143	MD	ground floor boiler room/boiler	X	insulation end cap compound	NAD
144	MD	ground floor boiler room/boiler	X	insulation end cap compound	NAD
145	MD	ground floor boiler room/boiler	X	insulation end cap compound	NAD
146		ground floor boiler room	X	chimney breaching cement	NAD
147		ground floor boiler room	X	PC chimney breaching cement	NAD
148		ground floor boiler room	X	chimney breaching cement	NAD
149		ground floor boiler room	X	PC ceiling plaster skim coat - type II	NAD

NAD = No Asbestos Detected

Sample Number	Location	Material Sampled	Percent Asbestos
150	ground floor boiler room	FL2 ceiling plaster skim coat - type II	NAD
151	ground floor boiler room	ceiling plaster skim coat - type II	NAD
152	ground floor boiler room	ceiling plaster base coat - type II	NAD
153	ground floor boiler room	ceiling plaster base coat - type II	NAD
154	ground floor boiler room	ceiling plaster base coat - type II	NAD
155	ground floor boiler room/boiler base	refractory brick	NAD
156	ground floor boiler room/boiler base	refractory brick	NAD
157	ground floor bay #9 exterior wall	exterior caulking on air compressor outlet	NAD
158	ground floor bay #9 exterior wall	exterior caulking on air compressor outlet	NAD

NAD = No Asbestos Detected

(W) grey with exterior caulking BK/BK  
 Area of Bay 5-9  
 (W) grey int. Caulk on base mat./BK  
 In lower Bay 5-9  
 (W) exterior caulking  
 (W) G1 - walls with flint between grey tiles  
 (W) G1 - ~~terrace~~ shower glass  
 (W) G1 - concrete wall rock part  
 (W) RF2 Bunker - one sample for some 2/6/97  
 (W) FL6 Boiler room ceiling tile  
 (W) FL7 salt shed  
 (W) RF3 - salt shed ~~refractory~~ repair roof samples

2 - Safety  
2 - R2



**Lead Inspection Report**

for

**Department of Transportation  
Buildings #81-023  
Pomfret Maintenance Garage**

**Pomfret, Connecticut**

**Client Project #: 581269**

prepared for:

**State of Connecticut  
Department of Transportation  
Newington, Connecticut 06111**

**August 21, and September 10, 2001  
EnviroMed Project #: IH-01-638**

**25 Science Park • New Haven, CT 06511  
(203) 786-5580 • facsimile (203) 786-5579**

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## Introduction

Lead poisoning is a significant health hazard. High lead concentrations in the body can cause serious damage to the kidneys, the red blood cells, the central nervous system and the brain. One source of lead in the environment is lead-based paint. Leaded paint may contain up to 50% lead. Lead-based paint was widely used until it was banned in 1978.

### Inspection Report

This inspection report consists of an introduction, project narrative, sample results table, sample results diagram and inspection data pages. Two reference pages are also included in the report. The cover page includes the project name and address.

The project narrative is an explanation of what was found during the inspection. This includes where the samples were taken, and the results of each test. The type of substrate under the paint and the condition of the paint are explained in this summary.

The data pages include the results of each test. This includes the sample numbers, the type of test used and the results of each test. These results are given in milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ). The data pages also include the condition of the paint, and the substrate surface type. The paint condition and surface types are explained in reference tables A and B.

A Niton XL-309 XRF Spectrum Analyzer was used during the inspection. This instrument measures a paint sample until a 95% confident reading of "positive" or "negative" versus the toxic level of lead which is  $1.0 \text{ mg}/\text{cm}^2$  as deemed by the State of Connecticut.

The XRF is calibrated at the beginning and the end of the day's inspections or at extended delays in testing and (at least) every four hours during inspections. If at any time the instrument does not calibrate according to the standardized sample and the instrument limit of detection the instrument is taken out of service.

## II. PROJECT NARRATIVE

### Overview

On August 21, 2001 EnviroMed Services, Inc. performed a lead inspection using a direct read spectrum analyzer for the State of Connecticut Department of Transportation, at Building # S1-023 Pomfret Maintenance Garage, located in Pomfret, Connecticut. The purpose of this inspection was to identify the presence of lead on the components prior to renovation/demolition.

The OSHA Lead in Construction Standard 29 CFR 1926.62 deems paint to be lead containing when any detectable lead is found. The State of Connecticut Lead Regulations deem paint to be a "toxic level" when X-Ray Fluorescence Analysis (XRF) exceeds 1.0 milligrams per centimeter squared ( $\text{mg}/\text{cm}^2$ ), or 0.5% by weight in dry form. (19A-111-3). The State of Connecticut Department of Environmental Protection (DEP) regulations require building materials found to contain toxic levels of lead, to be Toxicity Characteristic Leaching Procedure (TCLP) tested for waste determination prior to disposal.

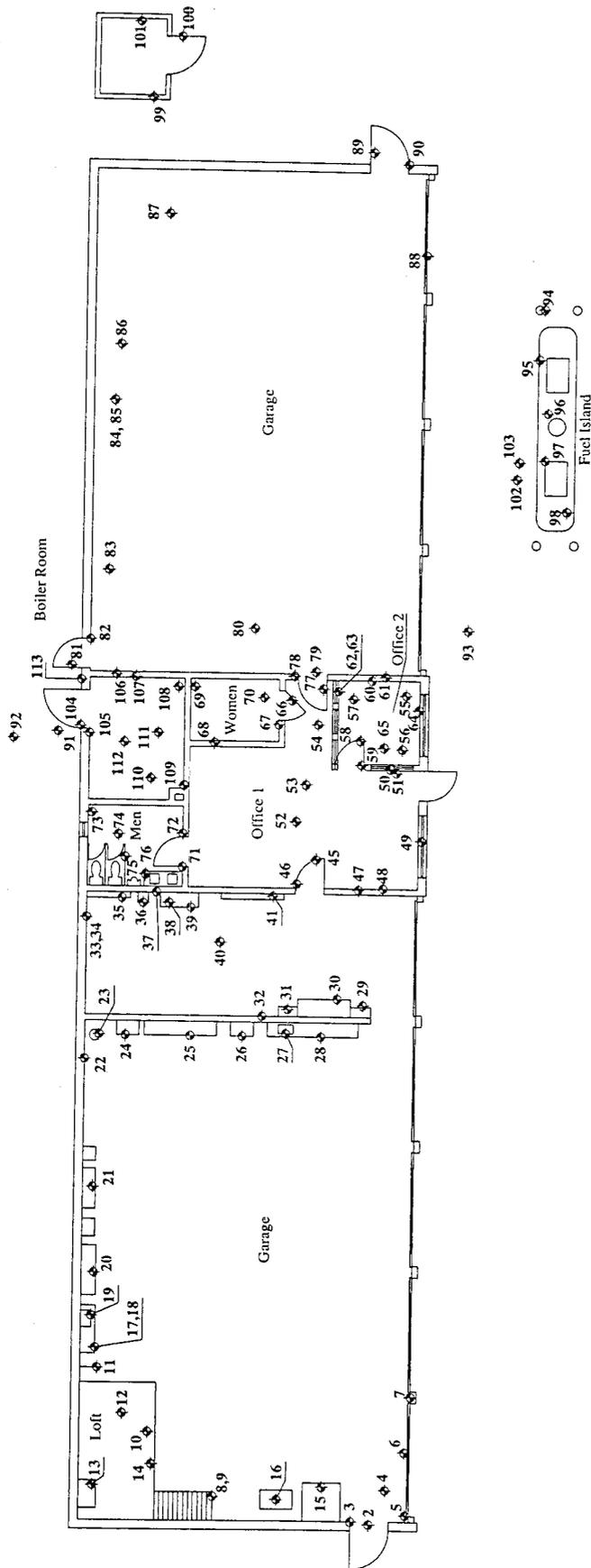
### Summary of Results

XRF analysis was performed utilizing the Niton - XL 309 Spectrum Analyzer. Lead containing paint was found on building components. Please refer to the XRF Data Sheets for a list of all XRF results and the Sample Location Diagram for all sample locations. Toxic levels of lead were found on building components. Please refer to the XRF Toxic Level Sample Results Table for a list of toxic level XRF readings (greater than or equal to  $1.0 \text{ mg}/\text{cm}^2$ ).

III. SUMMARY OF TOXIC LEVEL ( $\geq 1.0$  mg/cm<sup>2</sup>) XRF SAMPLE RESULTS

Summary of  
Toxic Level ( $\geq 1.0$  mg/cm<sup>2</sup>) Results

<i>Sample Number</i>	<i>Sample Location (mg/cm<sup>2</sup>)</i>	<i>Component (s) Tested</i>	<i>Results</i>
4	Bay #1	striping on floor	3.0
5	Bay #1	garage door lintel	1.0
13	Garage	box in loft	2.9
18	Bay #2	work bench top	5.0
19	Bay #2	work bench shelf	2.0
24	Bay #4	cabinet	3.3
25	Bay #4	tool cabinet	4.1
27	Bay #4	tool cabinets	1.3
32	Bay #5	wall	4.4
39	Bay #5	coffee table front	5.1
43	Bay #5	door casing	2.0
44	Bay #5	stair riser	3.5
53	Office #1	floor stripe	3.3
69	Womens Room	baseboard	1.3
76	Mens Room	cabinet	2.7
78	Bays #6-9	door casing	1.1
79	Bays #6-9	step	3.1
85	Bays #6-9	work bench	4.0
91	Exterior	step	1.7
94	Fuel Island	lolly column	1.7
95	Fuel Island	curb	3.9
103	Fuel Island	tank cover	1.1
106	Boiler Room	lower wall	2.4
109	Boiler Room	chimney door	2.2



<b>Drawing Title: Lead Sample Location Diagram</b>	
Prepared by: <b>EnviroMed Services, Inc.</b> 25 Science Park, New Haven, CT 06511	Date: 08/21/01
Project: <b>D.O.T. Maintenance Garage</b> 1st Floor Plant Pomfret, Connecticut	Scale: N.T.S.
Prepared for: <b>State of Connecticut</b> Department of Transportation Newington, Connecticut	Drawn By: B.V.
	Approved By: J.F.
	Drawing No. 1 of 1
EMS # IH-01-638	

**Legend :**

◆ = Sample Number & Location

## Lead Inspection Reference Table

<b>B</b> - Bulkhead	<b>RD</b> - Radiator
<b>BB</b> - Baseboard	<b>RLC</b> - Railing Cap
<b>CAB</b> - Cabinet	<b>S</b> - Siding
<b>CL</b> - Ceiling	<b>SB</b> - Stair Baluster
<b>CM</b> - Crown Molding	<b>SBB</b> - Stair Baseboard
<b>CR</b> - Chair Rail	<b>SF</b> - Shelf
<b>CW</b> - Cellar Window	<b>SFS</b> - Shelf Support
<b>DC</b> - Door Casing	<b>SR</b> - Stair Riser
<b>DH</b> - Door Header(Lintel)	<b>SRC</b> - Stair Rail Cap
<b>DJ</b> - Door Jamb	<b>SS</b> - Stair Stringer
<b>DR</b> - Door	<b>ST</b> - Stair Tread
<b>EC</b> - Entrance Canopy	<b>SWL</b> - Stair Walls
<b>ECCL</b> - Entrance Canopy Ceiling	<b>T</b> - Trim
<b>EDR</b> - Exterior Door	<b>UW</b> - Upper Wall
<b>EWL</b> - Exterior Wall	<b>WA</b> - Window Apron
<b>F</b> - Foundation	<b>WC</b> - Window Casing
<b>FL</b> - Floor	<b>WD</b> - Window
<b>FP</b> - Fireplace	<b>WES</b> - Window Exterior Sill
<b>KB</b> - Kickboard	<b>WH</b> - Window Header (Lintel)
<b>L</b> - Lattice	<b>WL</b> - Wall
<b>LW</b> - Lower Wall	<b>WM</b> - Window Mullion
<b>NP</b> - Stair Newel Post	<b>WSH</b> - Window Sash
<b>P</b> - Porch	<b>WSL</b> - Window Sill
<b>PCL</b> - Porch Ceiling	<b>WSP</b> - Window Stop
	<b>WW</b> - Window Well

**Note:** Addition of the letter "E" prior to any component abbreviation will designate that component as an exterior surface (e.g. EWC = Exterior Window Casing)

Revised 6/93

**Lead Inspection  
Reference Table B  
Substrate Type**

**W** - Wood

**PI** - Plaster

**M** - Metal

**Br** - Brick

**C** - Concrete

**Sh** - Sheetrock/Drywall

**Lead Inspection  
Reference Table B  
Surface Condition**

**0** - No painted windows/woodwork.

**1** - All paint on windows/woodwork is intact.

**2.** - Some paint on windows/woodwork is peeling, cracking or flaking.

**3.** - Large amounts of paint on windows/woodwork is peeling, cracking, or flaking.



LEAD INSPECTION DATA PAGE

PROJECT NAME Pumpout Maintenance Garage NO. DOORS                     

UNIT NUMBER: Bldg # 81-023 NO. WINDOWS                     

SAMPLE NUMBER	RESULTS (Mg/cm <sup>2</sup> )	SURFACE TYPE	SUBSTRATE	CONDITION	COMMENT
21	0.05	Gray Cabinet <sup>Front</sup>	Metal	Gray	
22	0.05	W.L. <sup>Back</sup> Black at <sup>front</sup> entrance	Conc	Black	
23	0.05	Air Comp. <sup>Front</sup>	Metal	Green	
24	3.3	3-yr <sup>old</sup> Cabinets	Wood	Gray	Pos (1)
25	4.1	Tall Cabinets	Wood	Gray	Pos (1)
26	0.05	Tall Cabinets	Wood	Stain	
27	1.3	Tool Cabinets	Wood	Light Green	Pos (1)
28	0.1	Tool Cab.	Metal	gray	
29	0.05	BRASS <sup>staple</sup> STRUCTURES	Metal	Brown	
30	0.05	Lockers	Metal	Brown	
31	0.05	Lockers	Metal	Gray	
32	4.4	W.L.	Plypsum	Blue	+
33	0.001	LWL	Conc	Tan	
34	0.00	UWL	Conc	White	
35	0.05	Lockers	Metal	Tan	
36	0.00	Locker	Metal	Green	
37	0.9	Message Board	Conc	Tan	
38	0.00	Coffee Table <sup>Top</sup>	Wood	Gray	
39	5.1	Coffee Table <sup>Front</sup>	Wood	Brown	+
40	0.01	FL	Conc.	Gray	











**APPENDIX N**  
**RELATED CORRESPONDENCE**

STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION

MEMORANDUM

**subject:** Project No. 111-0121  
Lead, Asbestos, and Soil Investigations  
Maintenance Facility  
Pomfret

**date:** January 23, 2015

**to:** Mr. Christopher J. Bonsignore  
Transportation Principal Engineer  
Bureau of Engineering and Construction

**from:** Gregory M. Dorosh  
Transportation Principal Engineer  
Bureau of Engineering and  
Construction

This office is requesting the following:

Perform a Task 210 to fully characterize the existing site. The current proposed site plan is attached. However, prior to performing field data collection, please contact the Project Engineer to ensure that the most current site plan is being used. The existing UST's will be removed and replaced with AST's or UST's as part of this project.

Perform a Task 710/720 and hazardous materials investigations in the existing building and salt shed. The existing building will be demolished and work will be performed inside the salt shed. For your information, EnviroMed Services Asbestos and Lead Inspection Reports from August and September 2001 exist in Property and Facilities Services files.

The current scope of work is attached.

PE efforts for this project will be under the above noted project number.

Should you have any questions or need any additional information, please contact the Project Engineer, Mr. Michael Strong, at Extension 3306.

Attachments

Michael J. Strong/mjs/mla

cc: James A. Fallon  
Gregory M. Dorosh – John W. Waleszczyk – Michael J. Strong  
Daniel J. Smachetti – David A. Hartley  
Svetlana Kaminsky – Matt Easdon

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## SCOPE FOR POMFRET MAINTENANCE FACILITY RENOVATION

Project No. 111-0121

As of 10/24/14

### GENERAL:

1. Renovations to the existing building will be designed to the current ConnDOT standards to the greatest extent possible. Where applicable, recommendations made at the Post Construction Critiques for previous projects will be incorporated into the design.
2. Design will incorporate elements of recent designs as applicable.
3. Designers will review FM Global Data Sheets and design systems accordingly.
4. Crews assigned to this facility: Maintenance, Tree, and Drainage.

### CONSTRUCTION CONSIDERATIONS:

1. Temporary Facilities for Department Personnel will be provided for employees as needed and as will be permitted with the tight site constraints:
  - (2) Medium Office Trailers, (1) Bathroom Trailer, (2) Storage Containers.
  - Temporary Motor Fuel Island: Provide temporary aboveground storage tanks for diesel fuel and gasoline unless existing remain operational until new in place.

These temporary facilities will be verified in an early design phase review. Write Contract to put pre-construction maintenance and maintenance during construction activities on the Contractor.
2. Design Constraints:
  - Existing building will be selectively demolished with salvage lists to be determined during the design phases.
  - Employees: (16) [(1) female]; optimal (22); plus (2) winter.
  - Vehicles and Equipment: (9) single axle dump trucks, (1) bucket truck, (1) payloader, (1) backhoe, (1) 1-ton dump truck, (1) F-250 crew cab and miscellaneous equipment in the old 20-ft by 50-ft salt shed (cement mixers, compressor trailer, concrete saw trailer, landscape trailers, mowers, etc.).
  - Scope will not include the construction of a driveway from the lower site up to the upper site behind the building addition. Maintenance can construct one on their own consistent to stormwater regulations.
3. Background Information:
  - Review the files in the Office of Property and Facilities Services for the original Building plans and any subsequent project plans.
  - The decision to relocate or reuse existing systems will be made on a case by case basis based on age and obsolescence. Salvage lists will be developed in Design.
  - The demolition of the existing office portions of the building is recommended due to the condition of the office spaces, as well as to provide proper ADA accessibility and to allow for the incorporation of all room areas required.
4. Initial Phasing Plan: Install fencing prior to vacating the building. Demolish the cold storage shed early. Start constructing the building addition concurrent with establishing temporary facilities. Construct new fuel island as temporary and

permanent.

**NEW/RENOVATED BUILDING:**

Refer to Schematic Design Floor Plans dated 10/24/14.

**OFFICE AREA:** Construct a new office area:

1. Supervisor Office, 1 person, include closet with shelves; assume 200-250 SF based on Occum, located between Clerk's Office and Crew Leader Office.
2. Clerk's Office, 1 person; match #1.
3. Crew Leaders Office, 2-3 people, approximately 500 SF.
4. Break Room with Kitchenette: Sized for 15 SF/person for all occupants based on 2003 IBC Table 1004.1.2 for "Assembly - Un-concentrated tables and chairs."
5. Conference Room, sized for 1/3 of the occupants, 50 SF/person gross based on 2003 IBC Table 1004.1.2 for "dormitories."
7. Men's Room with showers. Base the quantity of plumbing fixtures provided on the common employee workday.
8. Men's Locker Room with lockers.
9. Women's Room with showers and (4) lockers. Base the quantity of plumbing fixtures provided on the common employee workday.
10. Janitor's Closet.
11. Halls and Vestibules.
12. Mechanical Room (sized with Mechanical Designer) and Electrical Room and Communications Room (sized with Electrical Designer).

**MAINTENANCE BAYS:**

**Existing:**

1. Demolish walls that separate the offices from the bays. If walls are required, investigate providing large openings to improve circulation between the bays. Retain the existing Boiler Room for domestic water pressure tanks unless city water is available.
2. Demolish existing office area slab. Include recessed detention basins sized for (7) 55 gallon drums.
3. Convert the existing office area into chain link tool cribs and storage areas.
  - Removal and reinstallation of road side sign rack, workbenches, material storage lockers, and other existing elements will be performed by Maintenance.
  - Separate tool cribs for crews required.
  - Flammable storage cabinet required for Tree tool crib.
  - No bulk storage cribs for oxygen or acetylene.
4. Convert the office bay back to bay space. The result is (9) existing bays.

**New:**

1. Construct a (5) bay addition to current width and depth standards. The clear height to the bottom of steel shall be 20 feet. Included in these (5) bays is a double wash bay.

## BUILDING IMPROVEMENTS:

The following improvements will be made to the existing building:

1. Demolition as required.
2. Remove bay area windows and replace bay area personnel doors.
3. Replace existing roof. Facing the building, the existing roof leaks over the bays to the right of the office.
4. Icing occurs between the existing overhead doors and the masonry is cracked behind the columns. The cause is thought to be related to the extreme temperature swings (inside vs. outside). This will be less of a problem in the future since the bay area temperatures will be kept lower.
5. Repair existing exterior walls.
6. ADA improvements.
7. Construct building additions. Evaluate the incremental costs for designing them to a roof snow load of 40 psf.
8. Locate office windows at a height so that seated personnel can see outside.
9. Paint bay area walls. Do not paint metal roof deck.
10. Install chain link tool cribs with sloped tops or to the deck.
11. Include 3 ton (labeled 2 ton) monorail overhead crane in Bay 11. Basis-of-design matches recent projects.
12. Break Rooms will be furnished with refrigerators and microwave ovens.
13. Conference Rooms will have exterior personnel doors with no exterior door hardware.
14. Office flooring shall be terrazzo.
15. Install ladder through the roof hatch in the Mechanical Room. Install exterior ladders between the various roof levels.
16. Locate eyewash stations and wash fountains based on standard practices.
17. Based on the anticipated lack of city water, no fire suppression sprinkler system is anticipated.
18. Mechanical and plumbing systems will conform to new facility standards wherever feasible, and will comply with current codes.
19. If any, existing exterior wall hydrants will be removed.
20. Office and Bay Drainage: Reconfigure systems as required based on the relocation of the office areas. Facing the building, the trench drainage from the bays to the right of the office is only 2-inch under the office. Add additional floor drains throughout the bays as required. New bay area floor drains in the existing bays shall be Type CL catch basins with 6-inch piping. Trench drains with 6-inch piping shall be included in the addition.
21. New hydronic heating system.
22. Convert building over to gas service if possible.
23. Install central air conditioning system(s) in office areas.
24. Replace ventilation system.
25. Install energy management system. Include block heater relay.
26. Install limited domestic water system in bay areas. Include hot and cold water hose bibbs as well as a 1-1/2" – fire dept. threads cold water lines in each Wash Bay. Include power washer. The power washer will not be overhead or wall mounted and will not include a hose reel.

27. New compressed air system in all bays. Replace air compressors and air dryers.
28. Replace electrical service for the entire facility. There shall be no underground electrical conduits inside the building. Tie in the salt shed and the storage yard block heaters so that they can be backed-up on the generator.
29. Replace all existing antiquated and overburdened electrical subpanels.
30. Replace the existing generator that can handle 100% capacity with its own base fuel tank.
31. Replace overhead and task/specialty lighting systems.
32. Install lighting occupancy sensors.
33. Replace all overhead doors including all tracks and framework. Salvage panels. Wire the overhead door operators so that the doors must be closed by continuously holding the push-button.
34. Replace the fire alarm system.
35. Replace the telephone and communications systems.
36. Install base radio antenna.
37. Install GFI receptacles throughout bays. Include any specialty 220V receptacles if required.
38. Install public address system with base station in the Clerk's Office.
39. Replace tank monitoring system.

#### **SITE IMPROVEMENTS:**

Refer to the September 2014 concept site plan. It is the intent to perform the minimum amount of site improvements necessary for the project. The following site improvements will be made:

1. Demolish old salt shed.
2. Reconfigure the site plan to accommodate the building addition. Relocate parking spaces for 24 employees plus accessible plus visitors. Include handicap parking in front of the old office area as well as the new office area.
3. Replace motor fuel island/AST's (6,000 gallons each of gasoline and diesel fuel).
4. Utilities:
  - a. If natural gas is not available, replace fuel oil tank with a 2,000 gallon AST.
  - b. Pomfret Schools may be installing city sewer past the site from Killingly. If the sewer is available in time for this project, a 1,000 gallon oil-water separator will be installed. If the sewer is anticipated to be available soon, a 5,000 gallon oil-water separator will be installed to function as a waste holding tank. If the sewer is not available, a 5,000 gallon UST waste holding tank will be installed to replace the existing. If being retained, investigate septic tank and leaching field for sufficiency.
  - c. If city water is not available, investigate the condition of the existing well (coliform issues, low pressure and volume) and replace if necessary. Install water holding UST connected to pressure tanks inside the building (similar to Bolton). No fire suppression main will be required. Replace well pump if necessary.
  - d. Power and Communications – New services if required.
  - e. Cable TV – New service.

5. Install perimeter site fencing with top rail along Route 101 to restrict access. Include a 20-foot double swing gate in the fencing in line with the septic tank. The entire site does not require fencing.
6. The existing fenced storage yard, including the existing block heaters in the storage yard, will remain. The existing lower yard will remain. The employees will relocate the "small wooden structure."
7. Paving (mill and overlay or full depth) as required.
8. Modifications/improvements to site drainage if required.
9. Modifications/improvements to site lighting if required.

**ENVIRONMENTAL:**

1. Asbestos: EnviroMed Services, Inc. completed an Asbestos Inspection Report dated August 22 and September 10, 2001 for the Department. The results of this report will be used for reference for the new asbestos inspection program. New investigations will be performed.
2. Lead: EnviroMed Services, Inc completed a Lead Inspection Report dated August 21 and September 10, 2001 for the Department. The results of this report will be used for reference for the new lead inspection program. New investigations will be performed.
3. Site: A site investigation of areas to be impacted by this Project will be performed. The results of this report will be used as the basis for additional testing to be performed to determine the required site remediation for this Project.

\\Scope - Pomfret Renovation.doc

## Plimpton, Erik

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**From:** Plimpton, Erik  
**Sent:** Tuesday, April 28, 2015 3:51 PM  
**To:** Mathieu Jr., Felix; Nemecek, Judith A (Judith.Nemecek@ct.gov)  
**Cc:** Burke, Ed  
**Subject:** pomfret MF

can you ask the designers if they have any further info on specifics of demo/reno, overall project scope. like a demo drawing or a recent project write up.

all I see really is some old renovation notes, and I think the scope changed so now the main building is to be demo'd and the salt shed renovated, at least that is what the jan 2015 memo says but I don't have details.

on the drawing I have (with no notes on what is happening reno/demo wise) I see fuel island/pumps, 2 USTs for fuel, 1 UST for boiler in building, GWMWs, drinking water supply well, gross particle separator, septic tank, grit chamber, waste water holding tank, concrete covers?, former floor drain discharge line. flag pole, poles with light fixtures, etc.

want to make sure we cover everything that is being impacted by the job.

looking to start this survey either Friday or Monday.

Erik R. Plimpton, PE, CHMM, CMC  
Vice President  
Eastern Region Practice Leader  
Building Sciences & Industrial Hygiene



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## Plimpton, Erik

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**From:** Heelon, David  
**Sent:** Tuesday, May 05, 2015 10:54 AM  
**To:** Plimpton, Erik  
**Cc:** Hernandez, Hilton  
**Subject:** Re: pomfret MF  
**Attachments:** image001.jpg

No brass tag at Pomfret facility either.

Sent from my iPhone

On May 4, 2015, at 9:24 AM, Plimpton, Erik <[EPlimpton@trcsolutions.com](mailto:EPlimpton@trcsolutions.com)> wrote:

forgot, I have to be in the WOB office tomorrow, so I cannot meet you at pomfret.  
its basically the same scope of work as occur, except the salt shed is to be renovated at pomfret, so include it in the survey.

rest is the same, finding all the exterior things like monitor wells, septic, oil water seperators, USTs, storm drain lines, etc.  
see if there is a bin wall out there. look at the drawings and see what is noted as being impacted.  
not all the fences, flagpoles, light poles, etc.

ACM, LBP, hazmat items, PCB caulk/glaze.

same as occur

I'll try to swing by on wed just to check it out.

Erik R. Plimpton, PE, CHMM, CMC  
Vice President  
Eastern Region Practice Leader  
Building Sciences & Industrial Hygiene

<image001.jpg> 21 Griffin Road North, Windsor, CT 06095  
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**Plimpton, Erik**

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**From:** Heelon, David  
**Sent:** Wednesday, May 06, 2015 3:22 PM  
**To:** Plimpton, Erik; Hernandez, Hilton  
**Subject:** Brass Tag on Salt Shed at Pomfret  
**Attachments:** FullSizeRender.jpg; ATT00001.txt



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D.D.