

REPORT

PRE-RENOVATION INVESTIGATIVE SURVEY FOR ASBESTOS- CONTAINING MATERIALS AND LEAD BASED PAINT 18-20 TRINITY STREET HARTFORD, CONNECTICUT

Project No. 19-2B-HAZ-12
DCS No. 19028

Prepared for

**State of Connecticut
Department of Administration Services
Division of Construction Services**
Hartford, Connecticut

Prepared by

TRC
Windsor, Connecticut

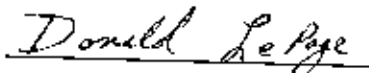
July 2, 2019

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Donald LePage
Project Manager

TRC Project No. 325370-0000-0000
July 2, 2019

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EXECUTIVE SUMMARY

In January and February, 2019 TRC of Windsor, Connecticut conducted an inspection for suspect asbestos-containing materials (ACM), lead based paint (LBP) and hazardous materials, wastes and items at 18-20 Trinity Street in Hartford, Connecticut. The inspection was initiated prior to planned renovation activities in accordance with USEPA Asbestos National Emissions Standard for Hazardous Air Pollutants (NESHAPS) requirements.

The scope of the inspection was limited to the interior/exterior areas at the subject building. Previous bulk sampling had been performed by TRC in 2004, 2005, 2006, 2008, 2010 and 2011; copies of the Inspection Reports for these prior bulk sampling activities are available upon request. A Connecticut licensed asbestos inspector from TRC conducted the inspection in accordance with USEPA AHERA protocols and ASTM Standard E2356-04. Bulk samples of suspect materials were collected and analyzed via polarized light microscopy (PLM) and/or PLM gravimetric analysis methods at a CTDPH/NVLAP accredited laboratory. ACM was identified/assumed as green carpet glue, various types of floor tile/mastics, mudded fittings, wall panel glue, waterproofing, woven pipe wrap, paper and insulating cement on tin ceiling panels, transite, door/window glazing, glue daubs, paper insulation on water lines, materials inside HVAC units, door insulation and roofing materials in the subject area. ACM to be impacted by renovation activities must be removed prior to disturbance in accordance with OSHA, USEPA, CTDPH, and CTDEEP standards for asbestos abatement/disposal. Detailed results of the asbestos survey can be found in Tables 1-3 and Appendices A through D.

A Connecticut licensed lead inspector from TRC conducted a LBP survey throughout the interior of the subject building and high levels ($>1.0 \text{ mg/cm}^2$) of lead paint were identified on various walls, door/window components, columns, stairs, metal bathroom stalls and metal stair railings. Lower levels ($<1.0 \text{ mg/cm}^2$) of lead paint were also identified on various components on the structures that are scheduled for impact. Exposure levels for lead in the construction industry are regulated by OSHA 29 CFR 1926.62. Construction activities disturbing surfaces containing lead paint which are likely to be employed, such as grinding, cutting, and demolishing, has been known to expose workers to airborne levels of lead in excess of the permissible exposure limit (PEL). The Contractor shall conduct

demolition work in conformance with the OSHA regulations, utilizing engineering controls and personal protective equipment. In addition, disposal of construction waste containing lead paint is subject to regulation under both the CTDEEP Hazardous and Special Waste Management (22a-209-1 through 16; 22a-449(c)-11; 22a-449(c)-13; 22a-449(c)-100 through 110; and 22a-454) and USEPA RCRA Hazardous Waste Management (40 CFR Parts 260 through 274) regulations. However, scrap metal is exempt from regulation under the CTDEEP/USEPA Hazardous Waste Regulations provided it is properly recycled. The Contractor shall recycle any lead painted scrap metal at an approved scrap metal recycling facility.

Building debris waste disposal determination with regards to potentially hazardous lead painted components is regulated by USEPA Resource Conservation Recovery Act (RCRA) Hazardous Waste Regulations (40 CFR Parts 260 through 274), and the CTDEEP Hazardous Waste Regulations (22a-209-1 and 22a-449(c)). A Lead Toxic Characterization Leachate Procedure (TCLP) test was not performed on the building structure to determine if the building can be disposed of as regular C&D waste or if it must be deposited in a hazardous landfill based on the amounts of lead. TCLP testing should be performed prior to any renovation/demolition activities. Detailed results of the lead survey can be found in Tables 4 and 5 as well as Appendix E.

Additional household hazardous waste items and regulated materials identified at the subject site were categorized according to potential hazard and will be disposed of properly. Details of the household hazardous waste identification and disposal can be found in Table 6.

PROJECT OUTLINE

Project Address: 18-20 Trinity Street
Hartford, CT

DAS Contract No. 13PSX0017

DCS Project Manager: Michael Sanders

DCS Project No.: 19-2B-HAZ-12

DCS Building No: 19028

TRC Project No.: 325370-0000-0000

TRC Project Manager: Don LePage

Asbestos Inspector: Patrick Schaffner (LIC #000263)
Carmen Jacko (LIC #000812)
Michael Stewart (LIC #000305)

Lead Inspector: Brendan McClure, Zachary Smith

Date of Inspection: 1/31/19-2/1/19, 2/5/19-2/8/19, 2/11/19-2/12/19

Asbestos Identified: Yes

Lead Based Paint Identified: Yes

Gen. Bldg. Mat. Haz Waste: TCLP testing not performed

Add'l Haz./Reg. Mat./Waste/Items: Yes (See Table 6)

Additional Notes:

The site investigation was limited to the collection and analysis of suspect asbestos-containing materials, lead based paint and household hazardous materials, wastes and items from the interior and exterior of the subject building. Previous asbestos inspection reports are available upon request.

TABLES

**TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
1	5 th floor office 23	CB1 - Grey cove base with white adhesive	ND
2	5 th floor middle Store Room	CB1 - Grey cove base with white adhesive	ND*
3	IDF room	CB2 - Blue cove base with yellow adhesive	ND
4	IDF room	CB2 - Blue cove base with yellow adhesive	ND*
5	4 th floor north office	CB3 - Yellow cove base mastic from 4" brown	ND
6	4 th floor north side office	CB3 - Yellow cove base mastic from 4" brown	ND*
7	4 th floor north office area	CB4 - Black cove base mastic from 4"	ND
8	4 th floor office area	CB4 - Black cove base mastic from 4"	ND*
9	4 th floor IDF Room	CB5 - Brown cove base mastic from 6"	ND
10	4 th floor IDF Room	CB5 - Brown cove base mastic from 6"	ND*
11	4 th floor north elevator lobby	CB6 - Tan cove base mastic 6"	ND
12	4 th floor hallway	CB6 - Tan cove base mastic 6"	ND*
13	3 rd floor west stairs	CB7 - Brown mastic from black cove base	ND
14	3 rd floor west stairs	CB7 - Brown mastic from black cove base	ND*
15	3 rd floor by ramp	CB8 - Brown mastic from brown cove base	ND
16	3 rd floor west side by ramp	CB8 - Brown mastic from brown cove base	ND*
17	3 rd floor west middle	CB9 - Tan mastic from cove base	ND
18	3 rd floor west side middle	CB9 - Tan mastic from cove base	ND*
19	3 rd floor west middle	CB10 - White mastic 4" black cove base	ND
20	3 rd floor west side middle	CB10 - White mastic 4" black cove base	ND*
21	3 rd floor kitchen area	CB11 - Tan cove base mastic from black 4"	ND
22	3 rd floor kitchen area	CB11 - Tan cove base mastic from black 4"	ND*

NAPVA Not analyzed/positive via inseparable association with a confirmed positive ACM

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

SNA Sample Not Analyzed

NAD No asbestos detected

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

1 NOB material: result confirmed by TEM analyses

* Analyzed by EPA/600/R-93/116 with gravimetric reduction

**TABLE 1 (...continued)
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18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
23	2 nd floor main office	CB12 - Tan mastic from white cove base	ND
24	2 nd floor east Conf Room	CB12 - Tan mastic from white cove base	ND*
25	2 nd floor west	CB13 - White mastic in dark grey cove base	ND
26	2 nd floor west side	CB13 - White mastic in dark grey cove base	ND*
27	2 nd floor elevator lobby	CB14 - Yellow mastic on light grey cove base	ND
28	2 nd floor north elevator lobby	CB14 - Yellow mastic on light grey cove base	ND*
29	2 nd floor	CB15 - Tan mastic on maroon cove base	ND
30	2 nd floor hall	CB15 - Tan mastic on maroon cove base	ND*
31	1 st floor west side kitchen	CB16 - Tan mastic from blue cove base	ND
32	1 st floor west side kitchen	CB16 - Tan mastic from blue cove base	ND*
33	1 st floor north lobby	CB17 - Yellow adhesive from tan cove base	ND
34	1 st floor north lobby	CB17 - Yellow adhesive from tan cove base	ND*
35	Ground floor east	CB18 - Yellow mastic from blue 4" cove base	ND
36	Ground floor west	CB18 - Yellow mastic from blue 4" cove base	ND*
37	5 th floor by south elevator	CG1 - Yellow carpet glue	ND
38	5 th floor by south elevator	CG1 - Yellow carpet glue	ND*
39	5 th floor by south elevator	CG2 - Green carpet glue	ND
40	By south elevator	CG2 - Green carpet glue	ND*
41	4 th floor south middle	CG3 - Yellow carpet glue	ND
42	4 th floor north middle	CG3 - Yellow carpet glue	ND*
43	3 rd floor	CG4 - Green carpet glue	10% chrysotile
44	3 rd floor midwest	CG4 - Green carpet glue	NA/PS
45	3 rd floor SW storage rm	CG5 - Red carpet glue	ND
46	3 rd floor SW storage	CG5 - Red carpet glue	ND*

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Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
47	2 nd floor east side north Conf Room	CG6 - Grey carpet glue	ND
48	2 nd floor main area	CG6 - Grey carpet glue	ND*
49	2 nd floor east Conf	CG7 - White carpet glue	ND
50	2 nd floor east side middle	CG7 - White carpet glue	ND*
51	1 st floor Hearing Room	CG8 - Yellow carpet glue	ND
52	1 st floor hearing room	CG8 - Yellow carpet glue	ND*
53	North Elevator	CG9 - Black Carpet Glue	ND
54	South Elevator	CG9 - Black Carpet Glue	ND*
55	Hearing room	CT2 - 2'x2' Ceiling tile	ND
56	Office 23	CT2 - 2'x2' Ceiling tile	ND
57	North office	CT3 - 2'x4' Smooth pinhole	ND
58	Conference Room	CT3 - 2'x4' Smooth pinhole	ND
59	4 th floor middle hall	CT4 - 2'x4' Worm hole	ND
60	4 th floor S hall	CT4 - 2'x4' Worm hole	ND
61	3 rd floor east	CT4 - 2'x4' Worm hole	ND
62	3 rd floor east	CT4 - 2'x4' Worm hole	ND
63	1 st floor north lobby	CT4 - 2'x4' Worm hole	ND
64	3 rd floor west hall	CT5 - 2'x4' Small fissure pinhole	ND
65	3 rd floor west middle	CT5 - 2'x4' Small fissure pinhole	ND
66	Ground fl middle	DS1 - End cap duct sealer	ND
67	3 rd floor duct work	DS1 - Brown adhesive	ND
68	3 rd floor duct work	DS1 - Brown adhesive	ND*
69	South mechanical rm	FC1 - Brown flex connector	ND
70	4 th floor north mechanical rm	FC1 - Brown flex connector	ND
71	4 th floor south side by elevator	FD1 - White hard pack	ND
72	1 st floor main hall E	FL1 - Brown floor leveler	ND
73	1 st floor main hall W	FL1 - Brown floor leveler	ND
74	1 st floor West side SE	FL2 - Grey floor leveler	ND

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18-20 TRINITY STREET
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Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
75	1 st floor West side NE	FL2 - Grey floor leveler	ND
76	4 th floor courtroom west side	FP1 - Cementitious fire proofing on steel beams	ND
77	4 th floor courtroom NW corner	FP1 - Cementitious fire proofing on steel beams	ND
78	Rm 23 east 5 th floor	FP1 - Cementitious fire proofing on steel beams	ND
79	Rm 23 east by window 5 th floor	FP1 - Cementitious fire proofing on steel beams	ND
80	Middle area outside Room 23 5 th floor	FP1 - Cementitious fire proofing on steel beams	ND
81	3 rd floor IDF	FP1 - Cementitious fire proofing on steel beams	SNA
82	IDF Room	FT1 - 12"x12" White with green red floor tiles	ND
		Yellow mastic associated with FT1	ND
83	IDF Room	FT1 - 12"x12" White with green red floor tiles	ND*
		Yellow mastic associated with FT1	ND*
84	IDF room 5 th floor	FT2 - 9"x9" Grey floor tile	NA/PS
		Black mastic associated with FT2	3% chrysotile
85	IDF room 5 th floor	FT2 - 9"x9" Grey floor tile	NA/PS
		Black mastic associated with FT2	NA/PS
86	4 th floor middle courtroom	FT2 - 9"x9" Grey floor tile	NA/PS
		Black mastic associated with FT2	NA/PS
87	3 rd floor men's bath	FT3 - 9"x9" 9x9 brown floor tile	NA/PS
		Black mastic associated with FT3	10% chrysotile
88	3 rd floor men's bath	FT3 - 9"x9" 9x9 brown floor tile	NA/PS
		Black mastic associated with FT3	NA/PS
89	3 rd floor women's bath	FT4 - 9"x9" Green floor tile	NA/PS
		Black mastic associated with FT4	10% chrysotile
90	3 rd floor women's bath	FT4 - 9"x9" Green floor tile	NA/PS
		Black mastic associated with FT4	NA/PS

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Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
91	3 rd floor SW storage	FT5 - 9"x9" Red floor tile	NA/PS
		Black mastic associated with FT5	10% chrysotile
92	3 rd floor SW storage	FT5 - 9"x9" Red floor tile	NA/PS
		Black mastic associated with FT5	NA/PS
93	3 rd floor west ramp	FT6 - 12"x12" Black with white specks floor tile, no mastic	ND
94	3 rd floor west ramp	FT6 - 12"x12" Black with white specks floor tile, no mastic	ND*
95	3 rd floor kitchen	FT7 - 12"x12" White with tan specks floor tile, black mastic	ND
96	3 rd floor kitchen	FT7 - 12"x12" White with tan specks floor tile, black mastic	ND*
97	3 rd floor west stairs	FT8 - 9"x9" White floor tile	NA/PS
		Black mastic associated with FT8	5% chrysotile
98	3 rd floor west stairs	FT8 - 9"x9" White floor tile	NA/PS
		Black mastic associated with FT8	NA/PS
99	1 st floor kitchen	FT9 - 12"x12" Blue floor tile	ND
		Yellow mastic associated with FT9	ND
100	1 st floor kitchen	FT9 - 12"x12" Blue floor tile	ND*
		Yellow mastic associated with FT9	ND*
101	Ground floor middle	FT10 - 12"x12" White floor tile w/blue streaks	ND
		Yellow mastic associated with FT10	ND
102	Ground floor middle west	FT10 - 12"x12" White floor tile w/blue streaks	ND*
		Yellow mastic associated with FT10	ND*
103	Basement Store Room #1	FT11 - 12"x12" Green floor tile	3% chrysotile
		Yellow mastic associated with FT11	ND
104	Basement Store Room #1	FT11 - 12"x12" Green floor tile	NA/PS
		Yellow mastic associated with FT11	ND*
105	Basement Store Room #1	FT12 - 12"x12" Black floor tile	3% chrysotile
		Grey mastic associated with FT12	ND

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18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
106	Basement Store Room #1	FT12 - 12"x12" Black floor tile	NA/PS
		Grey mastic associated with FT12	ND*
107	Ceiling to Stairs to 3 rd floor mechanical Room	G1 - Gypsum	ND
108	Ceiling to stairs to 3 rd floor Mechanical Room	G1 - Gypsum	ND
109	4 th floor Courtroom middle S	MF1 - Grey mudded fitting	5% chrysotile
110	4 th floor Courtroom E	MF1 - Grey mudded fitting	NA/PS
111	4 th floor Courtroom W	MF1 - Grey mudded fitting	NA/PS
112	Ground floor – Southeast area	MF2 - Mud fitting on 8" pipe	80% chrysotile
113	Ground floor – Southeast area below ceiling	MF2 - Mud fitting on 8" pipe	NA/PS
114	Ground floor – Southeast area	MF2 - Mud fitting on 8" pipe	NA/PS
115	5 th floor SE corner ceiling deck	PL1 - Plaster on ceiling	ND
		Skim coat	ND
116	5 th floor middle area Conf Room	PL1 - Plaster on ceiling	ND
		Skim coat	ND
117	4 th floor south wall by elevator	PL1 - Plaster on ceiling	ND
		Skim coat	ND
118	4 th floor middle courtroom	PL1 - Plaster on ceiling	ND
		Skim coat	ND
119	4 th floor north hall wall	PL1 - Plaster on ceiling	ND
		Skim coat	ND
120	5 th floor north elevator	PL1 - Plaster on ceiling	ND
		Skim coat	ND
121	3 rd floor west perimeter wall	PL1 - Plaster on ceiling	SNA
122	3 rd floor SW corner wall	PL1 - Plaster on ceiling	SNA
123	3 rd floor west side middle	PL2 - Scratch coat plaster	ND
124	3 rd floor west side ceiling deck in terracotta	PL2 - Scratch coat plaster	ND

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18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
125	Office 123	SHR1 - Sheetrock	ND
		Joint compound	ND
126	Room 13	SHR1 - Sheetrock	ND
		Joint compound	ND
127	Middle by conference rm	SHR1 - Sheetrock	ND
		Joint compound	ND
128	4 th floor by south elevator	SHR2 - Sheetrock	ND
		Joint compound	ND
129	4 th floor middle courtroom	SHR2 - Sheetrock	ND
		Joint compound	ND
130	4 th floor north desk	SHR2 - Sheetrock	ND
		Joint compound	ND
131	3 rd floor west side middle	SHR3 - Sheetrock panels no JC	ND
132	3 rd floor west side middle	SHR3 - Sheetrock panels no JC	ND
133	3 rd floor west closet	SHR4 - Sheetrock	ND
		Joint compound	ND
134	3 rd floor west closet	SHR4 - Sheetrock	ND
		Joint compound	ND
135	3 rd floor west side ceiling	TC1 - Troweled on cement	ND
136	3 rd floor west side ceiling	TC1 - Troweled on cement	ND
137	3 rd floor Mechanical Room Wall E	TP1 - Textured plaster on walls	ND
138	3 rd floor Mechanical Room beams	TP1 - Textured plaster on walls	ND
139	5 th floor south stair	WG1 - Grey window glazing	ND
140	5 th floor North stair	WG1 - Grey window glazing	ND*
141	3 rd floor west end north side	WG2 - Window glazing	ND
142	3 rd floor west end north side	WG2 - Window glazing	ND*
143	3 rd floor Mechanical Room int	WG3 - Grey thick window glazing	ND
144	3 rd floor Mechanical Room interior	WG3 - Grey thick window glazing	ND*
145	2 nd floor hall main west	WP1 - White textured wall paper	ND

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**TABLE 1 (...continued)
 BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
 18-20 TRINITY STREET
 HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
146	2 nd floor hall main east	WPI - White textured wall paper	ND
147	4 th floor IDF Room	WPG1 - Black wall panel glue	3% chrysotile
148	4 th floor middle courtroom	WPG1 - Black wall panel glue	NA/PS
149	Office 24	CT1 - 2'x2' ceiling tile	ND
150	Hearing Room 12	CT1 - 2'x2' ceiling tile	ND

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**TABLE 2
IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%)
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Material	Sampled- Assumed (mo/yr)	General Location	NESHAP Category	AHERA Category	Estimated Quantity
CG4 - Green carpet glue with black mastic	Sampled 2/19	3 rd floor – West side throughout	Category I Non-friable	Miscellaneous	7,300 SF
FT2 - 9"x9" Grey floor tile & associated black mastic	Sampled 2/19	1 st floor – East side throughout 3 rd floor – Women's Bath 4 th floor – throughout 5 th floor – IDF Room	Category I Non-friable	Miscellaneous	14,865 SF
FT3 - 9"x9" 9x9 brown floor tile & associated black mastic	Sampled 2/19	Ground floor – stairwell 3 rd floor – corridor outside men's bath, women's bath	Category I Non-friable	Miscellaneous	180 SF
FT4 - 9"x9" Green floor tile & associated black mastic	Sampled 2/19	3 rd floor women's bath doorway	Category I Non-friable	Miscellaneous	3 SF
FT5 - 9"x9" Red floor tile & associated black mastic	Sampled 2/19	3 rd floor SW storage	Category I Non-friable	Miscellaneous	195 SF
FT8 - 9"x9" White floor tile & associated black mastic	Sampled 2/19	3 rd floor west stair landings	Category I Non-friable	Miscellaneous	1,000 SF
FT11 - 12"x12" Green floor tile*	Sampled 2/19	Basement Store Room #1	Category I Non-friable	Miscellaneous	500 SF
FT12 - 12"x12" Black floor tile*	Sampled 2/19	Basement Store Room #1	Category I Non-friable	Miscellaneous	500 SF
MF2 - Mud fitting on 8" pipe	Sampled 2/19	Ground floor – Southeast area Print Shop	Friable	Thermal System Insulation	8 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

*However, associated layers are negative

**TABLE 2 (...continued)
IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%)
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Material	Sampled- Assumed (mo/yr)	General Location	NESHAP Category	AHERA Category	Estimated Quantity
WPG1 - Black wall panel glue	Sampled 2/19	4 th floor - IDF Room, middle courtroom 3 rd floor - IDF Room, conference room 5 th floor - IDF Room	Category II Non-friable	Miscellaneous	650 SF
Waterproofing under ceramic tile	Assumed 2/19	Ground floor through 5 th floor bathrooms	Category I Non-friable	Miscellaneous	2,500 SF
Brown woven pipe wrap	Sampled/ Assumed 11/05	3 rd floor roof penthouse (HVAC Unit FA10) 4 th floor South wing Mechanical Room (HVAC Units FA6, FA7 & FA8)	Category I Non-friable	Miscellaneous	36 LF
Paper and insulating cement on 1'x2' tin ceiling panels	Sampled 10/04	3 rd floor - east side only 4 th floor - east side	Friable	Miscellaneous	8,800 SF
Transite wall panel	Sampled 10/04	3 rd & 4 th floor wall partitions	Category II Non-friable	Miscellaneous	14,622 SF
Mudded pipe fittings (MF1)	Sampled 10/04	3 rd & 4 th floor heating systems and 4 th floor mechanical rooms	Friable	Thermal System Insulation	120 EA
Old black mastic/carpet glue	Sampled 5/06	2 nd floor - SE corner offices	Category I Non-friable	Miscellaneous	~1,800 SF
Exterior window glazing & caulking on large 10- pane top/bottom windows	Sampled 10/09	1 st floor - northeast side of building	Category II Non-friable	Miscellaneous	2 EA
Mirror glue daubs	Assumed 5/10	1 st , 4 th floor bathrooms	Category II Non-friable	Miscellaneous	8 mirrors

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

♦However, associated layers are negative

**TABLE 2 (continued)
IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%)
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Material	Sampled-Assumed (mo/yr)	General Location	NESHAP Category	AHERA Category	Estimated Quantity
Pressed paper insulation on water lines (PI3)	Sampled 5/10	1 st -5 th floor pipe chases in bathrooms	Friable	Thermal System Insulation	Unknown
Black glue inside HVAC unit	Sampled 5/10	1 st & 4 th floor mechanical rooms (inside HVAC units)	Category II Non-friable	Miscellaneous	800 SF
Woven material on pipes inside HVAC units (PI3)	Sampled 5/10	1 st & 4 th floor mechanical rooms (inside HVAC units)	Category II Non-friable	Thermal System Insulation	96 LF
Black interior door window glazing putty (DWG1)	Sampled 5/10	3 rd & 4 th floor main hallway (1922 section)	Category II Non-friable	Miscellaneous	6 interior doors
Black door window glazing putty (DWG2)	Sampled 5/10	1-4 th floor North & South stairwells	Category II Non-friable	Miscellaneous	8 doors
White fire door insulation (DI3)	Sampled 5/10	3 rd floor Conference Room	Friable	Miscellaneous	2 doors
Mech Room roof flashing (MRF)	Sampled 5/11	Mech Room roof	Category I Non-friable	Miscellaneous	192 LF
Transite panel (T)	Sampled 5/11	Mech Room roof walls – bottom 4 feet	Category I Non-friable	Miscellaneous	1,000 SF
Stairwell roofing (SR)	Sampled 5/11	Stairwell roof	Category I Non-friable	Miscellaneous	72 SF

** Roof tars have been completely exempted from OSHA Asbestos regulations and, as a Category I Non-friable material, do not need to be removed from a structure prior to renovation/demolition under EPA Asbestos NESHAP regulations and, so long as the materials are exterior to a structure and will remain Category I Non-friable materials during renovation/demolition, are not covered under the CTDPH Asbestos Abatement standards. In addition, as Category I Non-friable materials, the roof tars do not need to be disposed of as asbestos waste under the EPA Asbestos NESHAP regulations; however, the CTDEP special waste regulations would not allow the material to be disposed of as general construction waste within the State of Connecticut. Disposal of the roof tars as general construction waste (so long as the materials are not rendered into a state which would define them as regulated asbestos-containing materials (RACM), i.e., friable) is, however, allowed in other states such as Massachusetts.*

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

◆However, associated layers are negative

**TABLE 3
CONFIRMED NON-ASBESTOS CONTAINING MATERIALS
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Material	General Location
CB1 - Grey cove base with white adhesive	1 st floor – throughout 5 th floor – throughout
CB2 - Blue cove base with yellow adhesive	5 th floor – IDF room
CB3 - Yellow cove base mastic from 4" brown	4 th floor – East Office area North side
CB4 - Black cove base mastic from 4"	4 th floor – throughout
CB5 - Brown cove base mastic from 6"	4 th floor – throughout
CB6 - Tan cove base mastic 6"	4 th floor – throughout
CB7 - Brown mastic from black cove base	3 rd floor – west stairs
CB8 - Brown mastic from brown cove base	3 rd floor – West side storage, by ramp
CB9 - Tan mastic from cove base	3 rd floor – west middle
CB10 - White mastic 4" black cove base	3 rd floor – west middle
CB11 - Tan cove base mastic from black 4"	3 rd floor – throughout
CB12 - Tan mastic from white cove base	2 nd floor – main office, East conference room
CB13 - White mastic in dark grey cove base	2 nd floor – west
CB14 - Yellow mastic on light grey cove base	2 nd floor – East elevator lobbies
CB15 - Tan mastic on maroon cove base	1 st floor – main hallway 2 nd floor
CB16 - Tan mastic from blue cove base	1 st floor – throughout
CB17 - Yellow adhesive from tan cove base	1 st floor – North lobby
CB18 - Yellow mastic from blue 4" cove base	Ground floor – throughout
CG1 - Yellow carpet glue	5 th floor – by south elevator, by North elevator
CG2 - Green carpet glue	5 th floor – by south elevator, by North elevator
CG3 - Yellow carpet glue	4 th floor – throughout
CG5 - Red carpet glue	3 rd floor – SW storage
CG6 - Grey carpet glue	2 nd floor – East side throughout
CG7 - White carpet glue	2 nd floor – east conf. east middle area
CG8 - Yellow carpet glue	1 st floor – throughout
CG9 - Black Carpet Glue	South Elevator interior
CT2 - 2'x2' Ceiling tile	5 th floor – Office 23, Office 24, Hearing room
CT3 - 2'x4' Smooth pinhole	5 th floor – all soffit ends in offices
CT4 - 2'x4' Worm hole	Ground floor – North entry, NW office area 1 st floor – throughout 2 nd floor – throughout 3 rd floor – throughout 4 th floor – throughout
CT5 - 2'x4' Small fissure pinhole	3 rd floor – throughout West side
DS1 - End cap duct sealer	Throughout building
FC1 - Brown flex connector	4 th floor – North & South Mechanical Rooms
FD1 - White hard pack	4 th floor – throughout
FL1 - Brown floor leveler	1 st floor – throughout
FL2 - Grey floor leveler	1 st floor sporadically throughout
FPI - Cementitious fire proofing on steel beams	Throughout building

**TABLE 3
 CONFIRMED NON-ASBESTOS CONTAINING MATERIALS
 18-20 TRINITY STREET
 HARTFORD, CONNECTICUT**

Material	General Location
FT1 - 12"x12" White with green red floor tile & associated yellow mastic	5 th floor – IDF Room
FT6 - 12"x12" Black with white specks floor tile, no mastic	3 rd floor – west ramp
FT7 - 12"x12" White with tan specks floor tile, black mastic	3 rd floor – Kitchen
FT9 - 12"x12" Blue floor tile & associated yellow mastic	1 st floor – Kitchen, South stairwell
FT10 - 12"x12" White floor tile w/blue streaks floor tile & associated yellow mastic	Ground floor – throughout
Yellow mastic associated with FT11 - 12"x12" Green floor tile*	Basement – Store Room #1
Grey mastic associated with FT12 - 12"x12" Black floor tile	Basement – Store Room #1
G1 - Gypsum	Ceiling to West stairs to roof
PL1 - Plaster on ceiling/skim coat	3 rd floor – throughout 4 th floor – throughout 5 th floor – throughout
PL2 - Scratch coat plaster	3 rd floor – West
SHR1 – Sheetrock/joint compound	Basement – throughout Ground floor – throughout 1 st floor – throughout 2 nd floor – throughout 5 th floor – throughout
SHR2 – Sheetrock/joint compound	4 th floor – throughout
SHR3 - Sheetrock panels no JC	3 rd floor – middle office dividers
SHR4 – Sheetrock/joint compound	3 rd floor – throughout
TC1 - Troweled on cement	3 rd floor – west side ceiling
TP1 - Textured plaster on walls	4 th floor – Mechanical Room
WG1 - Grey window glazing	5 th floor – throughout
WG2 - Window glazing	3 rd floor – throughout
WG3 - Grey thick window glazing	4 th floor – Mechanical Room
WP1 - White textured wall paper	2 nd floor – hall main by east west
CT1 - 2'x2' ceiling tile	5 th floor – throughout

**TABLE 4
SUMMARY OF LEAD PAINT XRF MEASUREMENTS
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Structure	No. of Measurements	Calibrations	Void	Lead Detected	No Lead Detected via XRF*
5-story building	442	32	0	172	238

*A XRF cannot determine if paint is "lead free" since it can only detect lead down to 0.1 mg/cm². Paint can only be determined as "lead free" by a laboratory using Atomic Absorption Spectrometry (AAS). See Lead Paint XRF Measurement Table in Appendix E.

**TABLE 5
SUMMARY OF COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Waste Stream	Metal	mg/l. Leachate	Hazardous/Non-Hazardous
Bldg. Material Composite (Excluding metal substrates)	<u>No</u> TCLP sample for Lead was performed, however TCLP testing should be conducted prior to renovation/demolition activities to determine if the composite building materials contain toxic amounts of lead based paint and must therefore be disposed of as hazardous waste.		

Note: Any metal components should be recycled to promote waste minimization efforts, rather than disposed of, and the recycling operation is exempt from the USEPA RCRA and CTDEP Hazardous Waste regulations.

BDL - Below Detection Limit
ND - Not Detected

**TABLE 6
INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED
MATERIALS, WASTES AND ITEMS IDENTIFIED
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Quantity	Size	Material/Item	General Location	Potential Hazard
5		Fire door	Basement	Universal Waste (UW)
		Fire alarm switch	5th floor	Universal Waste (UW)
5		Fire switch	5th floor	Universal Waste (UW)
5		Fire door	5th floor	Universal Waste (UW)
133		Electronic Light Ballasts (Circuit Boards)	4th floor	Universal Waste (UW)
195		Fluorescent tubes	4th floor	Connecticut Regulated Waste (CRW CR01-CR05)
3		Exit Sign Batteries (Circuit boards/Hg Lamps/Batteries)	4th floor	Universal Waste (UW)
37		Fire Extinguisher (CR05)	4th floor	Connecticut Regulated Waste (CRW CR01-CR05)
6		Fire strobe light	4th floor	Universal Waste (UW)
5		Fire door	2nd floor	Universal Waste (UW)
161		Electronic Light Ballasts (Circuit Boards)	1st floor	Universal Waste (UW)
344		Fluorescent lights	1st floor	Universal Waste (UW)
6		Exit signs	1st floor	Universal Waste (UW)
9		Fire strobe lights	1st floor	Universal Waste (UW)
7		Emergency Lighting (Batteries/Hg Lamps)	1st floor	Universal Waste (UW)
4		Motion Sensors/Heat Sensors (Circuit boards)	1st floor	Universal Waste (UW)

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
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Quantity	Size	Material/Item	General Location	Potential Hazard
7		Mercury Thermostats (Ampoule)	1st floor	Universal Waste (UW)
3		Fire alarm switch	1st floor	Universal Waste (UW)
5		Fire door	1st floor	Universal Waste (UW)
139		Electronic Light Ballasts (Circuit Boards)	Ground floor	Universal Waste (UW)
288		Fluorescent e	Ground floor	Universal Waste (UW)
11		Exit signs	Ground floor	Universal Waste (UW)
13		Fire strobe lights	Ground floor	Universal Waste (UW)
18		Emergency Lighting (Batteries/Hg Lamps)	Ground floor	Universal Waste (UW)
15		Smoke Detectors (LLRW)	Ground floor	Low-level radioactive source
1		Motion Sensors/Heat Sensors (Circuit boards)	Ground floor	Universal Waste (UW)
4		Mercury Thermostats (Ampoule)	Ground floor	Universal Waste (UW)
2		Fire alarm switch	Ground floor	Universal Waste (UW)
49		Electronic Light Ballasts (Circuit Boards)	5th floor	Universal Waste (UW)
120		Fluorescent bulbs	5th floor	Universal Waste (UW)
3		Exit signs	5th floor	Universal Waste (UW)
3		Fire strobe light	5th floor	Universal Waste (UW)
6		Emergency Lighting (Batteries/Hg Lamps)	5th floor	Universal Waste (UW)
11		Smoke Detectors (LLRW)	5th floor	Low-level radioactive source

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)

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**TABLE 6 (...continued)
INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED
MATERIALS, WASTES AND ITEMS IDENTIFIED
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Quantity	Size	Material/Item	General Location	Potential Hazard
8		Motion Sensors/Heat Sensors (Circuit boards)	5th floor	Universal Waste (UW)
2		Mercury Thermostats (Ampoule)	5th floor	Universal Waste (UW)
5		Emergency Lighting (Batteries/Hg Lamps)	4th floor	Universal Waste (UW)
9		Smoke Detectors (LLRW)	4th floor	Low-level radioactive source
1		Motion Sensors/Heat Sensors (Circuit boards)	4th floor	Universal Waste (UW)
2		Mercury Thermostats (Ampoule)	4th floor	Universal Waste (UW)
5		Fire alarm switch	4th floor	Universal Waste (UW)
5		Fire door	4th floor	Universal Waste (UW)
278		Electronic Light Ballasts (Circuit Boards)	3rd floor	Universal Waste (UW)
620		Fluorescent tubes	3rd floor	Universal Waste (UW)
5		Exit signs	3rd floor	Universal Waste (UW)
6		Fire Extinguisher (CR05)	3rd floor	Connecticut Regulated Waste (CRW CR01-CR05)
12		Fire strobe light	3rd floor	Universal Waste (UW)
10		Emergency Lighting (Batteries/Hg Lamps)	3rd floor	Universal Waste (UW)
13		Smoke Detectors (LLRW)	3rd floor	Low-level radioactive source
7		Motion Sensors/Heat Sensors (Circuit boards)	3rd floor	Universal Waste (UW)
10		Mercury Thermostats (Ampoule)	3rd floor	Universal Waste (UW)
5		Fire alarm switch	3rd floor	Universal Waste (UW)
5		Fire door	3rd floor	Universal Waste (UW)
7		Fire door	Ground floor	Universal Waste (UW)
281		Electronic Light Ballasts (Circuit Boards)	2nd floor	Universal Waste (UW)
788		Fluorescent lights	2nd floor	Universal Waste (UW)

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)

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**TABLE 6 (..continued)
INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED
MATERIALS, WASTES AND ITEMS IDENTIFIED
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Quantity	Size	Material/Item	General Location	Potential Hazard
14		Exit signs	2nd floor	Universal Waste (UW)
8		Fire strobe lights	2nd floor	Universal Waste (UW)
12		Emergency Lighting (Batteries/Hg Lamps)	2nd floor	Universal Waste (UW)
1		Smoke Detectors (LLRW)	2nd floor	Low-level radioactive source
1		Motion Sensors/Heat Sensors (Circuit boards)	2nd floor	Universal Waste (UW)
12		Mercury Thermostats (Ampoule)	2nd floor	Universal Waste (UW)
4		Fire alarm switch	2nd floor	Universal Waste (UW)
45		Electronic Light Ballasts (Circuit Boards)	Basement	Universal Waste (UW)
92		Compact Fluorescent (Lamps)	Basement	Universal Waste (UW)
4		Fire Extinguisher (CR05)	Basement	Connecticut Regulated Waste (CRW CR01-CR05)
4		Fire strobe lights	Basement	Universal Waste (UW)
7		Emergency Lighting (Batteries/Hg Lamps)	Basement	Universal Waste (UW)
6		Smoke Detectors (LLRW)	Basement	Low-level radioactive source
5		Motion Sensors/Heat Sensors (Circuit boards)	Basement	Universal Waste (UW)
2		Fire alarm switch	Basement	Universal Waste (UW)

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)

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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

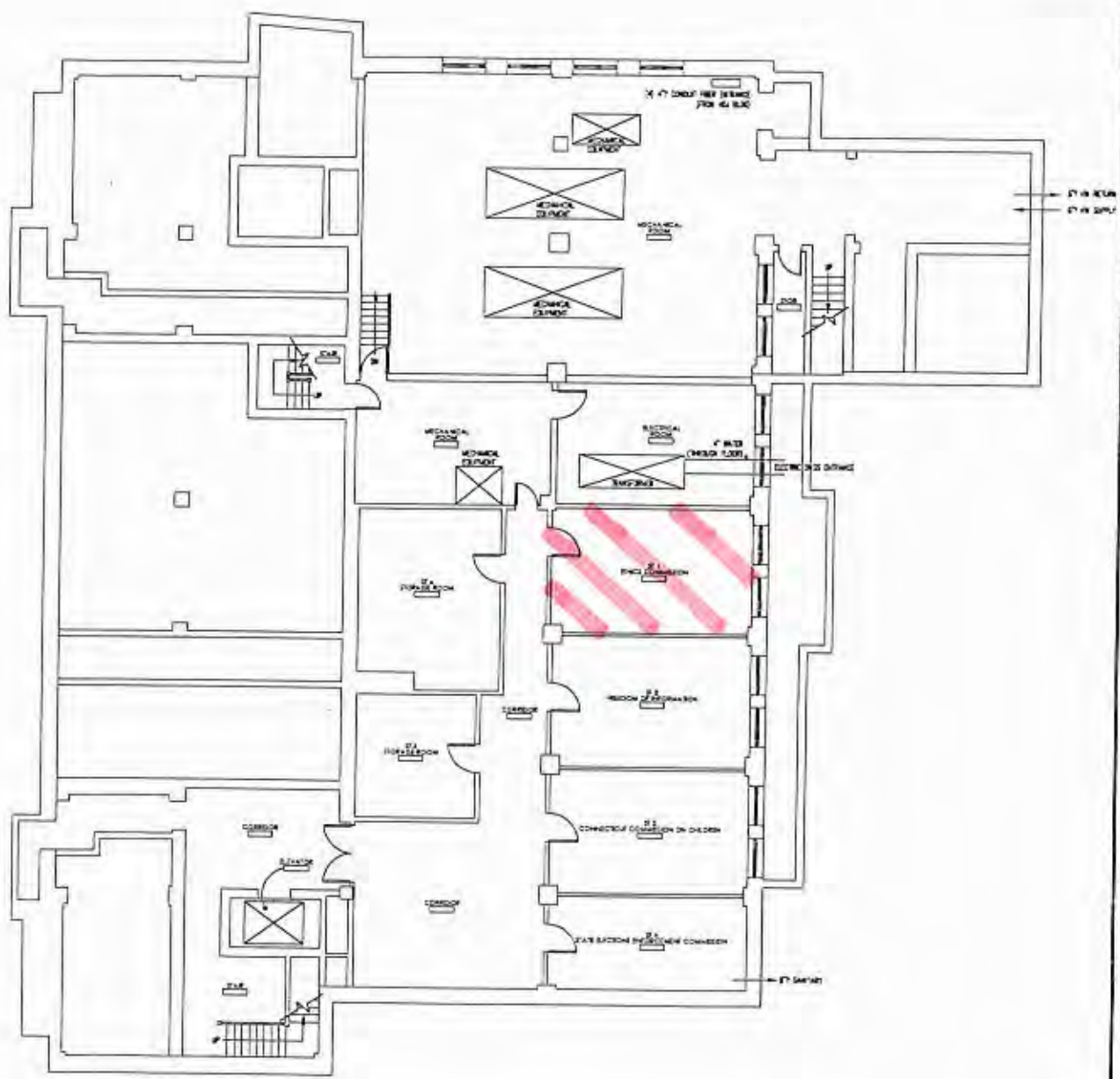
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

APPENDIX A
SITE SKETCHES

ACM LEGEND

 - FLOOR TILE AND MASTIC

↑
Trinity Street
↓



1/18/2013

Department of Administrative Services

Commissioner
Melody A. Currey

Facilities Management Division
Planning and Technical Services

Existing Conditions Plan
for:

18/20 Trinity Street

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Building Floors

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 01/18/2013

Basement Plan

Basement / Sub-basement Plan
1" = 8'-0"

EX1.0B

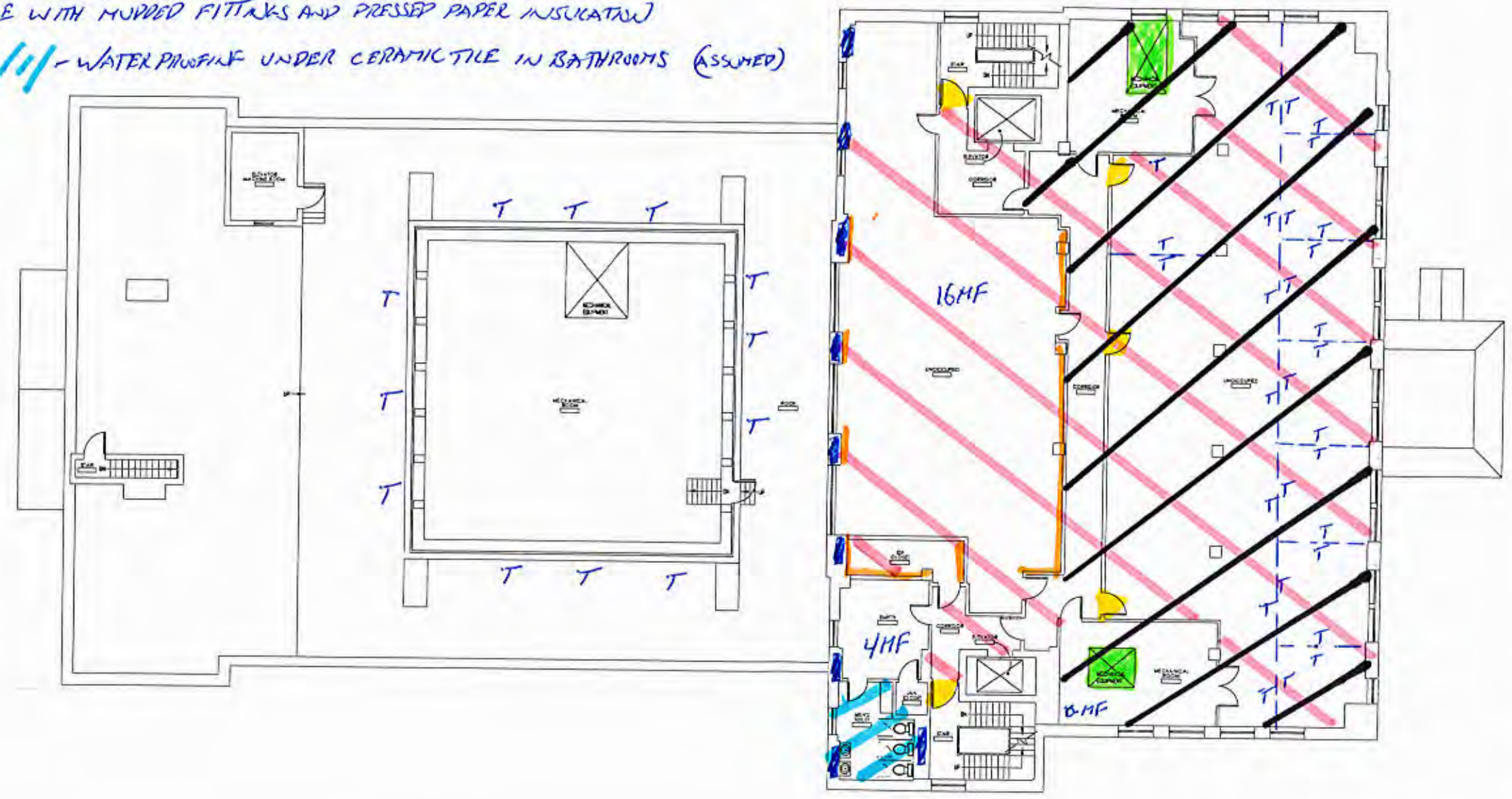
ACM LEGEND

-  - FLOOR TILE AND MASTIC
-  - WALL PANEL GLUE
-  - 1'x2' TIN CEILING TILE PANELS
- MF - MUDDER FITTINGS
-  - BLACK GLUE/WOVEN PIPE INSULATION INSIDE HVAC UNITS
-  - DOOR WITH BLACK WINDOW GLAZING PUTTY
- T - TRANSITE WALL PANEL
-  - PIPE CHASE WITH MUDDER FITTINGS AND PRESSED PAPER INSULATION
-  - WATER PROOFING UNDER CERAMIC TILE IN BATHROOMS (ASSUMED)

NOTES

- ASSUME ACM FLOOR TILE AND MASTIC UNDER WALL PARTITIONS, RAMPS, AND RAISED FLOORS
- ASSUME MIRROR GLUE PANELS IN BATHROOMS
- ASSUME WATER PROOFING UNDER CERAMIC TILE IN BATHROOMS

Trinity Street



Fourth Floor Plan
1" = 8'-0"

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01/18/2019

Fourth Floor Plan

EX1.04

ACM LEGEND

-  - FLOOR TILE AND MASTIC.
- MF - MUPPED FITTINGS
-  - FIRE DOORS (ASSUMED)
-  - WATERPROOFING UNDER CERAMIC TILE IN BATHROOMS (ASSUMED)

NOTES

- ASSUME MIRROR GLUE PAUBS IN BATHROOM

Trinity Street



Ground Floor Plan
1" = 8'-0"

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Ground Floor Plan

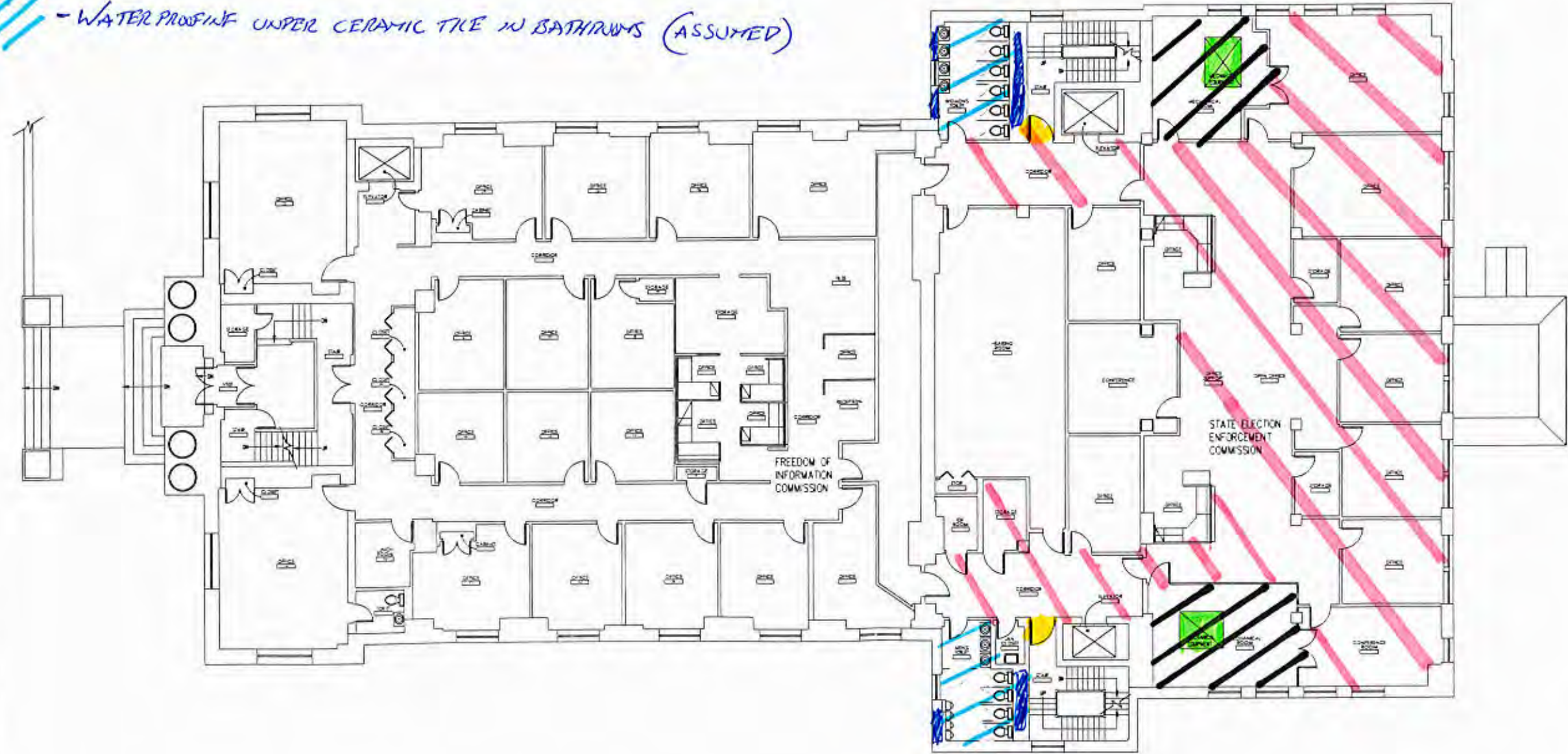
EX1.0G

ACM LEGEND

-  - FLOOR TILE AND MASTIC
-  - PIPE CHASE WITH MURPED FITTINGS AND PRESSED PAPER INSULATION
-  - DOOR WITH BLACK WINDOW GLAZING PUTTY
-  - BLACK GLUE WOVEN PIPE INSULATION INSIDE HVAC UNITS
-  - 1'x2' TIN CEILING TILE PANELS
-  - WATER PROOFING UNDER CERAMIC TILE IN BATHROOMS (ASSUMED)

NOTES

- ASSUME MIRROR GLUE PAUBS IN BATHROOMS



First Floor Plan
1" = 6'-0"

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01/18/2013

First Floor Plan

EX1.01

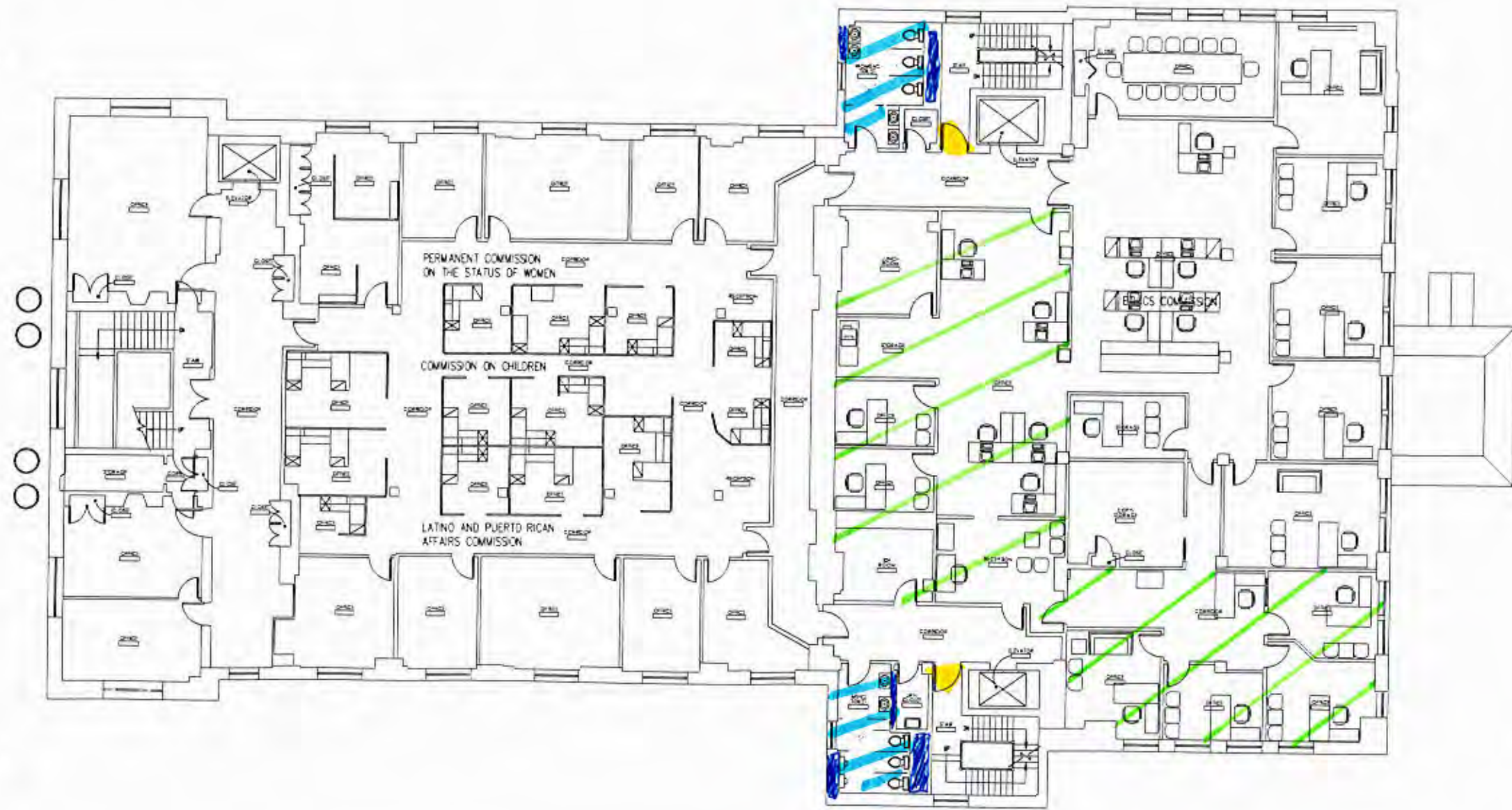
ACM LEGEND

-  - PIPE CHASE WITH MUPPED FITTINGS AND PRESSED PAPER INSULATION
-  - DOOR WITH BLACK WINDOW GLAZING PUTTY
-  - WATERPROOFING UNDER CERAMIC TILE IN BATHROOMS (ASSUMED)
-  - BLACK MASTIC CARPET GLUE

NOTES

- ASSUME MIRROR GLUE DAUBS IN BATHROOMS

Trinity Street



Department of Administrative Services

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Melody A. Currey

Facilities Management Division
Planning and Technical Services

Existing Conditions Plan
for:

18/20 Trinity
Street

Hartford, Connecticut

Building No.: 19028
Building Floors

Issued:



01/16/2015

Second Floor Plan

Second Floor Plan
1" = 8'-0"

EX1.02

ACM LEGEND

/// - GREEN CARPET GLUE WITH BLACK MASTIC

/// - FLOOR TILE AND MASTIC

— - WALL PANEL GLUE

/// - 1'x2' TIN CEILING TILE PANELS

T - TRANSITE WALL PANEL

MF - MURRED PIPE FITTING

■ - PIPE CHASE WITH MURRED FITTINGS + PRESSED PAPER INSULATION

■ - DOOR WITH BLACK WINDOW GLAZING PUTTY

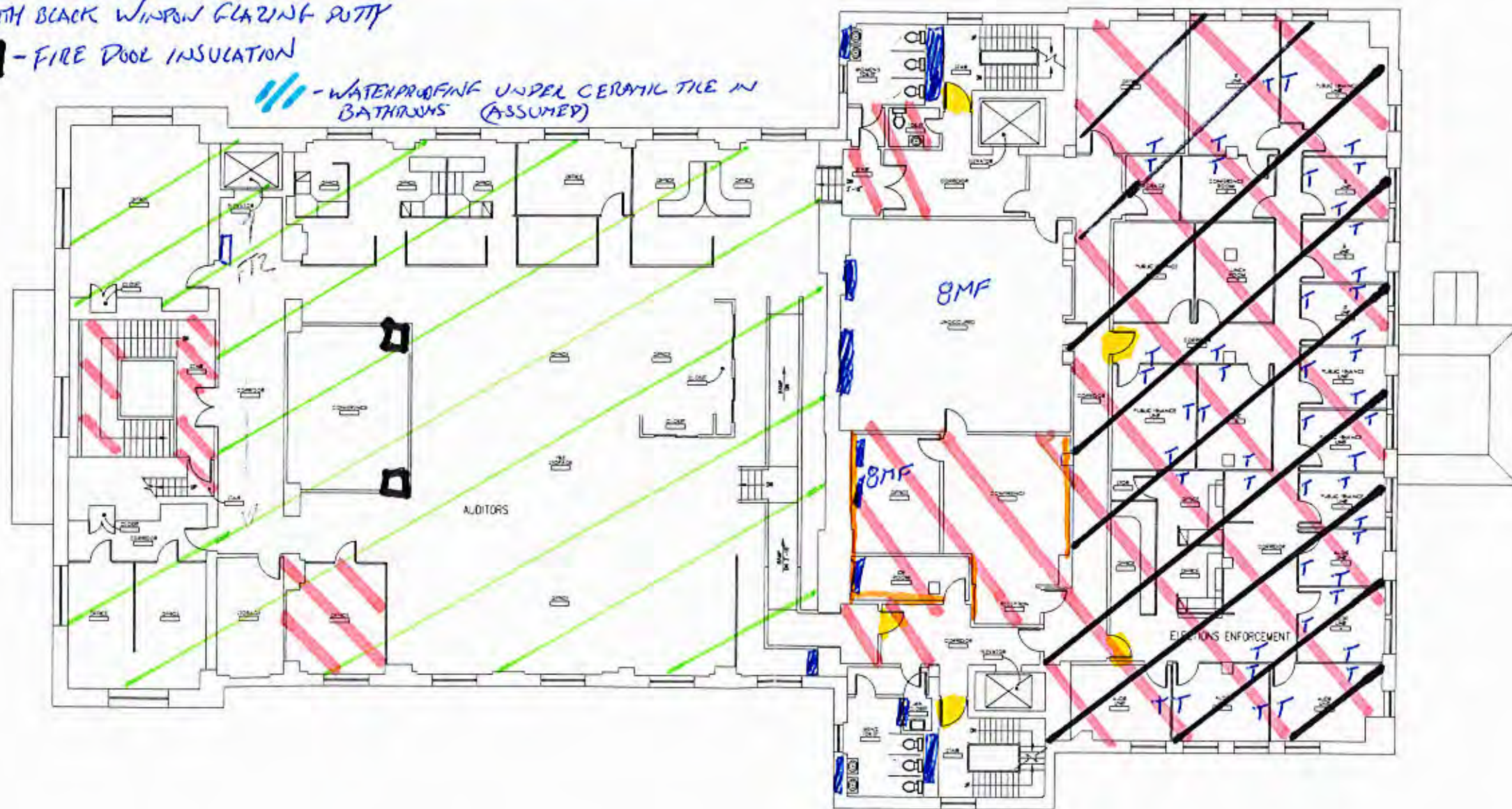
▲ □ - FIRE DOOR INSULATION

/// - WATERPROOFING UNDER CERAMIC TILE IN BATHROOMS (ASSUMED)

NOTES

- ASSUME ACM FLOOR TILE AND MASTIC UNDER WALLS, PARTITIONS, RAMPS, RAISED FLOORS
- ASSUME MIRROR GLUE DAUBS IN BATHROOMS
- ASSUME WATER PROOFING UNDER CERAMIC TILE IN BATHROOMS

Trinity Street



Third Floor Plan
1" = 8'-0"

Department of Administrative Services

Commissioner
Melody A. Currey

Facilities Management Division
Planning and Technical Services

Existing Conditions Plan
for:

18/20 Trinity
Street

Hartford, Connecticut

Building No.: 19028

Building Floors

Issued:







01/18/2019

Third Floor Plan

EX1.03

ACM LEGEND

-  - FLOOR TILE AND MASTIC
-  - WALL PANEL GLUE
-  - PIPE CHASE WITH MUPPED FITTINGS AND PRESSED PAPER INSUCATION
-  - WATER PROOFING UNDER CERAMIC TILE IN BATH ROOMS (ASSUMED)

NOTES

- ASSUME ACM FLOOR TILE AND MASTIC UNDER WALL PARTITIONS, RAMPS AND RAISED FLOORS
- ASSUME MIRROR GLUE DAUBS IN BATHROOMS
- ASSUME WATER PROOFING UNDER CERAMIC TILE IN BATHROOMS

Trinity Street



Fifth Floor Plan
1" = 8'-0"

Department of Administrative Services

Commissioner
Melody A. Currey

Facilities Management Division
Planning and Technical Services

Existing Conditions Plan
for:

18/20 Trinity Street

Hartford, Connecticut

Building No.: 19028
Building Floors

Issued



01/15/2019

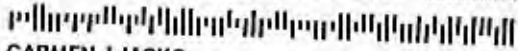
Fifth Floor Plan

EX1.05

APPENDIX B

LABORATORY AND INSPECTOR ACCREDITATIONS

1004420 D1 AB 0.405 **AUTO T9 D 1254 06704-304039 C01-P04426-1



CARMEN J JACKO
139 PLATT ST
WATERBURY CT 06704-3040



Dear CARMEN J JACKO,

Attached you will find your validated certificate for the coming year. Should you have any questions about your certificate renewal, please do not hesitate to write or call:

Department of Public Health
P.O. Box 340308
M.S.#12MQA
Hartford, CT 06134-0308

(860) 509-7603
oplc.dph@ct.gov
www.ct.gov/dph/license

Sincerely,

Raul Pino
RAUL PINO, MD, MPH, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
CARMEN J JACKO

CERTIFICATE NO. 000812 CURRENT THROUGH 09/30/19

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE *Raul Pino* COMMISSIONER

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A
ASBESTOS CONSULTANT-INSPECTOR

CARMEN J JACKO

CERTIFICATE NO. 000812
CURRENT THROUGH 09/30/19
VALIDATION NO. 03-690528

SIGNATURE *Raul Pino* COMMISSIONER

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

WALLET CARD

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
CARMEN J JACKO

CERTIFICATE NO. 000812 CURRENT THROUGH 09/30/19

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE *Raul Pino* COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Carmen Jacko

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

conducted by

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

Thomas Dion
Principal Instructor: Thomas Dion

April 12, 2018

Date of Course

April 12, 2019

Expiration Date

Gregory Morach

Regional Training Manager: Gregory Morach

SIAR-6010

Certificate Number

April 12, 2018

Examination Date

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-PROJECT MONITOR

PATRICK SCHAFFNER

CERTIFICATE NO.

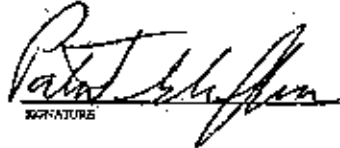
000102

CURRENT THROUGH

02/28/19

VALIDATION NO.

03-849449


SIGNATURE


COMMISSIONER

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-INSPECTOR

PATRICK SCHAFFNER

CERTIFICATE NO.

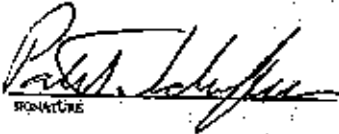
000263

CURRENT THROUGH

02/28/19

VALIDATION NO.

03-849447


SIGNATURE


COMMISSIONER

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

LEAD INSPECTOR RISK ASSESSOR

PATRICK J. SCHAFFNER

CERTIFICATE NO.

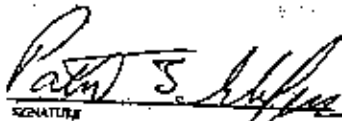
001330

CURRENT THROUGH

02/28/19

VALIDATION NO.

03-849448


SIGNATURE


COMMISSIONER

Certificate of Training

Awarded to

PATRICK SCHAFFNER

*For successful completion of a 4 Hour, 1/2 Day
Asbestos Building Inspector
Annual Refresher Training
MAY 2, 2018*

This training was approved and given in accordance with the Regulations for Connecticut State Agencies RCSA 20 - 440 - 1-9 and RCSA 20 - 441 and meets the requirements of the EPA Revised MAP under TSCA Title II of 4/4/94.

Presented by

Mystic Air Quality Consultants, Inc.

1204 North Road, Groton, CT 06340 (800) 247-7746

Certificate Number: ABIRF26730

Exam Grade: 100

Exam Date: 05/02/2018

Christopher J. Eident, CIH, CSP, RS

Expiration Date: 05/02/2019

Richard Haffey
George Williamson, Training Director
Richard Haffey, Training Director



State of Connecticut

Lookup Detail View

Name

<p>Name</p> <p>MICHAEL S STEWART</p>

License Information

lookup

License Type	License Number	Expiration Date	Granted Date	License Name	License Status		Licensure Actions or Pending Charges
Asbestos Consultant-Inspector	305	10/31/2019	01/30/1998	MICHAEL S. STEWART	ACTIVE	CURRENT	None

Generated on: 3/6/2019 9:17:19 AM

CERTIFICATE OF ACHIEVEMENT

This certifies that

Michael Stewart

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

conducted by

ATC Group Services LLC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070



Principal Instructor: Marcus Soutra
Date of Course

September 13, 2018
Expiration Date



Regional Training Manager: Gregory Morach
STAR - 6100

Certificate Number

September 13, 2018
Examination Date

Certificate of Completion

This is to certify that

Zachary Smith

Has completed the

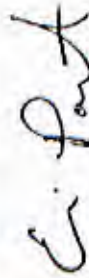
Sealed Source XRF - Radiation Safety

Online training course

On

9/6/2017

Supervisor signature



Erin Poitras, RSO Thermo Fisher Scientific
Portable Analytical Instruments



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:

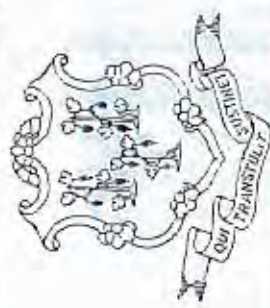
BUILDING MATERIALS
ASBESTOS FIBERS - PCM
BULK IDENTIFICATION - PLM

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

EFFECTIVE RENEWAL DATE JANUARY 1, 2018

THIS CERTIFICATE EXPIRES DECEMBER 31, 2019

AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH
DATED AT HARTFORD, CONNECTICUT, THIS 19th DAY OF December, 2017



Registration
No.

PE-0426

SUZANNE BLANCAFLOR, MS, MPH
CHIEF, ENVIRONMENTAL HEALTH SECTION

DPH

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION



ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM
CERTIFIED ANALYTES REPORT FOR ALL MATRICES

TRC-Environmental Corporation

21 GRIFFIN ROAD NORTH
WINDSOR, CT 060951590

CT REGISTRATION NUMBER :

REGISTERED OWNER / AUTHORIZED AGENT : Erik Plimpton

DIRECTOR : Kathleen Williamson

CO DIRECTOR(S) :

PHONE : (860) 298-9692

LABORATORY REGISTRATION EFFECTIVE DATE :

LABORATORY REGISTRATION EXPIRATION DATE :

LABORATORY STATUS :

APPROVED BY

SUZANNE BLANCAFLOR, MS, MPH
CHIEF, ENVIRONMENTAL HEALTH SECTION

REVIEWED BY

12/19/2017 11:00:24 AM

DERMOT JONES

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 12/19/2017

ANALYTE NAME

ASBESTOS

ASBESTOS FIBERS (PCM)

ASBESTOS IN GULK MATERIALS (PLM)

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:

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).*

2018-07-01 through 2019-06-30

Effective Dates



Patricia S. Lunden

For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRC Environmental Corporation
21 Griffin Road North
Windsor, CT 06095
Ms. Kathleen Williamson
Phone: 860-298-6392 Fax: 860-298-6214
Email: kwilliamson@tresolutions.com
<http://www.tresolutions.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101424-0

Bulk Asbestos Analysis

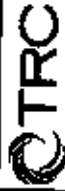
<u>Code</u>	<u>Description</u>
18/A01	EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

A handwritten signature in black ink, appearing to read "Kathleen Williamson".

For the National Voluntary Laboratory Accreditation Program

APPENDIX C

**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

PROJECT NUMBER

325370-0000.0000

PROJECT NAME

CTDASDCS - 18-20 Trinity Street
Hartford, CT

LAB ID #

53351

SIGNATURE

INSPECTOR
Brendan McClure, Carmen
Jacko, Michael Stewart, Pat Schaffner

PARAMETERS

PLM EPA 600/R9/116
(POSITIVE STOP)

PLM EPA 600/R9/116
(w/ Gravimetric reduction)
(POSITIVE STOP)

ANALYZE BY LAYER

POINT COUNT
(DF > 1% & < 10%)

TEM NY NOB 1984
(IF PLM SERIES NEG)

TURNAROUND TIME

PLM:	8hr	24hr	X	48hr	3day
TEM:	24hr	48hr		3day	5day

MATERIAL

SAMPLE LOCATION

TYPE

DATE

TIME

CONP

GRAB

FIELD SAMPLE NUMBER	DATE	TIME	CONP	GRAB	SAMPLE LOCATION	PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/ Gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (DF > 1% & < 10%)	TEM NY NOB 1984 (IF PLM SERIES NEG)	MATERIAL
1	1/31/2019	11:58	X	X	5th fl office 23	X		X			CB1 - Grey cove base with white adhesive
2	1/31/2019	11:59	X	X	5th fl middle store rm	X	X	X			CB1 - Grey cove base with white adhesive
3	2/1/2019	09:04	X	X	IDF room	X		X			CB2 - Blue cove base with yellow adhesive
4	2/1/2019	12:02	X	X	IDF room	X	X	X			CB2 - Blue cove base with yellow adhesive
5	2/1/2019	11:28	X	X	4th fl north office	X		X			CB3 - Yellow cove base mastic from 4" brown
6	2/1/2019	11:30	X	X	4th fl north side office	X	X	X			CB3 - Yellow cove base mastic from 4" brown
7	2/1/2019	11:47	X	X	4th floor north office area	X		X			CB4 - Black cove base mastic from 4"
8	2/1/2019	11:49	X	X	4th office area	X	X	X			CB4 - Black cove base mastic from 4"
9	2/1/2019	11:54	X	X	4th fl IDF rm	X		X			CB5 - Brown cove base mastic from 6"
10	2/1/2019	11:35	X	X	4th fl IDF rm	X	X	X			CB5 - Brown cove base mastic from 6"

Relinquished by: (Signature)

Date: 2/13/19

Received by: (Signature)

Date: 2/13/19

Relinquished by: (Signature)

Date:

Received by: (Signature)

(Printed)

Pat Schaffner

Time: 1613

(Printed)

Cathryn Lemire

Time: 1620

(Printed)

Time:

(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes No
Comments:



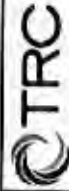
21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersedes Previous Edition

PROJECT NUMBER 325370.0001.0000		PROJECT NAME CTDAS/DCS - 18-20 Trinity Street, Hartford, CT		LAB ID #. 53351								
SIGNATURE 		INSPECTOR Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner		TURNAROUND TIME								
FIELD SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	PARAMETERS							
					PLM: 8hr	24hr	48hr	3day				
			COMP	GRAB	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (P > 1% & < 10%)	TEM NY 198.4 (IF PLM SERIES NEG)	3day	5day	
11	2/1/2019	11:38	X	X	4th fl north elevator lobby	X						
12	2/1/2019	11:39	X	X	4th fl hallway	X	X					
13	2/5/2019	10:02	X	X	3rd fl west stairs	X						
14	2/5/2019	10:03	X	X	3rd fl west stairs	X	X					
15	2/5/2019	10:07	X	X	3rd fl by ramp	X						
16	2/5/2019	10:09	X	X	3rd fl west side by ramp	X	X					
17	2/5/2019	10:13	X	X	3rd fl west middle	X						
18	2/5/2019	10:14	X	X	3rd fl west side middle	X	X					
19	2/5/2019	10:19	X	X	3rd fl west middle	X						
20	2/5/2019	10:20	X	X	3rd fl west side middle	X	X					
21	2/5/2019	14:28	X	X	3rd fl kitchen area	X						
22	2/5/2019	14:28	X	X	3rd fl kitchen area	X	X					
					MATERIAL.							
					CB6 - Tan cover base mastic 6" Brown CB							
					CB6 - Tan cover base mastic 6"							
					CB7 - Brown mastic from black cover base							
					CB7 - Brown mastic from black cover base							
					CB8 - Brown mastic from brown cover base							
					CB8 - Brown mastic from brown cover base							
					CB9 - Tan mastic from cover base							
					CB9 - Tan mastic from cover base							
					CB10 - White mastic 4" black cover base							
					CB10 - White mastic 4" black cover base							
					CB11 - Tan cover base mastic from black 4"							
					CB11 - Tan cover base mastic from black 4"							

Relinquished by: (Signature) 	Received by: (Signature) 	Date: 2/13/19	Date: 2/13/19
(Printed) Pat Schaffner	(Printed) Cathryn Lemire	Time: 1613	Time: 1420
Remarks:		Condition of Samples: 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

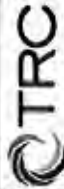
ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53351

PROJECT NUMBER 325370.0001.0000		PROJECT NAME CTDAS/DCS - 18-20 Trinity Street, Hartford, CT		INSPECTOR Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner		PARAMETERS					TURNAROUND TIME					
						PLM: 8hr	24hr	48hr	3day	5day	PLM: 8hr	24hr	48hr	3day	5day	
FIELD SAMPLE NUMBER	DATE	TIME	TYPE	CONF	GRAB	SAMPLE LOCATION	PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 1984 (IF PLM SERIES NEG)	MATERIAL				
23	2/6/2019	15:28	X		X	2nd fl main office	X					CB12 - Tan mastic from white cove base				
24	2/6/2019	15:30	X		X	2nd fl east conf rm	X	X				CB12 - Tan mastic from white cove base				
25	2/6/2019	15:40	X		X	2nd fl west	X					CB13 - White mastic in dark grey cove base				
26	2/6/2019	15:44	X		X	2nd fl west side	X	X				CB13 - White mastic in dark grey cove base				
27	2/6/2019	15:48	X		X	2nd fl elevator lobby	X					CB14 - Yellow mastic on light grey cove base				
28	2/6/2019	15:50	X		X	2nd fl north elevator lobby	X	X				CB14 - Yellow mastic on light grey cove base				
29	2/6/2019	15:53	X		X	2nd fl	X		X			CB15 - Tan mastic on maroon cove base				
30	2/6/2019	15:55	X		X	2nd fl hall	X	X				CB15 - Tan mastic on maroon cove base				
31	2/7/2019	14:07	X		X	1st fl west side kitchen	X					CB16 - Tan mastic from blue cove base				
32	2/7/2019	14:08	X		X	1st fl west side kitchen	X	X				CB16 - Tan mastic from blue cove base				
33	2/7/2019	14:12	X		X	1st fl north lobby	X					CB17 - Yellow adhesive from tan cove base				
34	2/7/2019	14:13	X		X	1st fl north lobby	X	X				CB17 - Yellow adhesive from tan cove base				

Relinquished by: (Signature) <i>Pat Schaffner</i>	Date: 2/13/19	Received by: (Signature) <i>[Signature]</i>	Date: 2/13/19
(Printed) Pat Schaffner	Time: 1613	(Printed) Cathryn Lemire	Time: 1620
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 #. **53351**

PLM:	8hr	24hr	48hr	3day
TEM:	24hr	48hr	3day	5day

PROJECT NUMBER	PROJECT NAME		PARAMETERS				TURNAROUND TIME					
	325370.0001.0000	CTDAS/DCS - 18-20 Trinity Street, Hartford, CT	PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY N98.4 (IF PLM SERIES NEG)	8hr	24hr	48hr	3day	5day
INSPECTOR		Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner										
FIELD SAMPLE NUMBER	DATE	TIME	TYPE		SAMPLE LOCATION	MATERIAL						
			COMP	GRAB			8hr	24hr	48hr	3day	5day	
35	2/11/2019	14:30	X	X	Ground fl east	CB18 - Yellow mastic from blue 4" cove base						
36	2/11/2019	14:31	X	X	Ground floor west	CB18 - Yellow mastic from blue 4" cove base						
37	1/31/2019	11:22	X	X	5th fl by south elevator	CG1 - Yellow carpet glue						
38	1/31/2019	11:23	X	X	5th fl by south elevator	CG1 - Yellow carpet glue						
39	1/31/2019	11:27	X	X	5th fl by south elevator	CG2 - Green carpet glue						
40	1/31/2019	11:27	X	X	By south elevator	CG2 - Green carpet glue						
41	2/1/2019	11:17	X	X	4th fl south middle	CG3 - Yellow carpet glue						
42	2/1/2019	11:18	X	X	4th fl north middle	CG3 - Yellow carpet glue						
43	2/5/2019	09:13	X	X	3rd fl	CG4 - Green carpet glue						
44	2/6/2019	09:14	X	X	3rd fl mid west	CG4 - Green carpet glue						
45	2/5/2019	10:22	X	X	3rd fl SW storage rm	CG5 - Red carpet glue						
46	2/5/2019	10:23	X	X	3rd fl SW storage	CG5 - Red carpet glue						

Relinquished by: (Signature) 	Date: 2/13/19	Received by: (Signature) 	Date: 2/13/19
(Printed) Pat Schaffner	Time: 1613	(Printed) Cathryn Lemire	Time: 1620
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
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53351

PROJECT NUMBER 325370.0001.0000		PROJECT NAME CTDAS/DCS - 18-20 Trinity Street, Hartford, CT		PARAMETERS				TURNAROUND TIME						
								PLM:	8hr	24hr	48hr	3day	5day	
SIGNATURE 		INSPECTOR Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner		PLM EPA 600/R9/V116 (POSITIVE STOP)	PLM EPA 600/R9/V116 (W/gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 1984 (IF PLM SERIES NEG)	TEM:	8hr	24hr	48hr	3day	5day
FIELD SAMPLE NUMBER	DATE	TIME	TYPE						COMP	GRAB	SAMPLE LOCATION	MATERIAL		
47	2/6/2019	15:18	X	X	X	2nd fl east side north conf rm	CG6 - Grey carpet glue							
48	2/6/2019	15:19	X	X	X	2nd fl main area	CG6 - Grey carpet glue							
49	2/6/2019	15:22	X	X	X	2nd fl east conf	CG7 - White carpet glue							
50	2/6/2019	15:23	X	X	X	2nd fl east side middle	CG7 - White carpet glue							
51	2/7/2019	14:02	X	X	X	1st fl hearing room	CG8 - Yellow carpet glue							
52	2/7/2019	14:02	X	X	X	1st fl hearing room	CG8 - Yellow carpet glue							
53	2/13/2019	13:57	X	X	X	North Elevator	CG9 - Black Carpet Glue							
54	2/13/2019	14:05	X	X	X	South Elevator	CG9 - Black Carpet Glue							
55	1/31/2019	10:05	X	X	X	Hearing room	CT2 - 2'x2' Ceiling tile							
56	1/31/2019	10:05	X	X	X	Office 23	CT2 - 2'x2' Ceiling tile							
57	1/31/2019	10:47	X	X	X	North office	CT3 - 2'x4' Smooth pinhole							
58	1/31/2019	10:48	X	X	X	Conference rm	CT3 - 2'x4' Smooth pinhole							

Relinquished by: (Signature) 	Date: 2/13/19	Received by: (Signature) 	Date: 2/13/19
(Printed) Pat Schaffner	Time: 1613	(Printed) Cathryn Lemire	Time: 1620
Remarks:		Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Received by: (Signature) Date: Time: (Printed)	
		Page 5 of 13	



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 #. 53351

PROJECT NUMBER 325370.0001.0000		PROJECT NAME CTDAS/DCS - 18-20 Trinity Street, Hartford, CT		TURNAROUND TIME															
		PLM:	TEM:	8hr	24hr	48hr	3day	5day											
SIGNATURE INSPECTOR Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner		ANALYZE BY LAYER POINT COUNT (IF >1% & <10%) TEM NY NOB 1984 (IF PLM SERIES NEG)		MATERIAL		24hr <input type="checkbox"/> 48hr <input type="checkbox"/>		3day <input type="checkbox"/> 5day <input type="checkbox"/>											
						PLM EPA 600/R9/116 (POSITIVE STOP)		PLM EPA 600/R9/116 (POSITIVE STOP)		CT4 - 2'x4' Worm hole		CT4 - 2'x4' Worm hole							
59	2/1/2019	10:49	X	4th fl middle hall	X														
60	2/1/2019	10:51	X	4th fl S hall	X														
61	2/5/2019	09:03	X	3rd fl east	X														
62	2/6/2019	09:04	X	3rd fl east	X														
63	2/7/2019	13:40	X	1st fl north lobby	X														
64	2/5/2019	09:09	X	3rd fl west hall	X														
65	2/5/2019	09:09	X	3rd fl west middle	X														
66	2/7/2019	15:05	X	Ground fl middle	X														
67	2/5/2019	08:34	X	3rd floor duct work	X														
68	2/6/2019	08:38	X	3rd fl duct work	X					X									
69	2/1/2019	11:02	X	South mechanical rm	X														
70	2/1/2019	11:03	X	4th fl north mechanical rm	X														

Relinquished by: (Signature) (Printed) Pat Schaffner	Date: 2/13/19	Received by: (Signature) (Printed) Cathryn Lemire	Date: 2/13/19	Received by: (Signature)
	Time: 1613	Time: 1620	Relinquished by: (Signature) (Printed)	Date: Time:
Remarks:		Condition of Samples: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Page 6 of 13





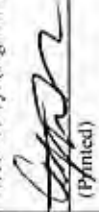
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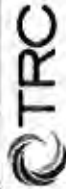
ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

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LAB ID #. **53351**

PROJECT NUMBER 325370.0001.0000		PROJECT NAME CTDAS/DCS - 18-20 Trinity Street, Hartford, CT		PARAMETERS				TURNAROUND TIME								
								PLM:	8hr	24hr	48hr	3day	5day			
SIGNATURE 		INSPECTOR Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner		PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 1984 (IF PLM SERIES NEG)	MATERIAL							
FIELD SAMPLE NUMBER	DATE	TIME	TYPE						GRAB	COMB	SAMPLE LOCATION	FD1 - White hard pack	FL1 - Brown floor leveler	FL2 - Grey floor leveler	FL2 - Grey floor leveler	FP1 - Cementitious fire proofing on steel beams
71	2/1/2019	11:13	X	X	X	4th fl south side by elevator	X									
72	2/7/2019	13:43	X	X	X	1st fl main hall E	X									
73	2/7/2019	13:44	X	X	X	1st fl main hall W	X									
74	2/7/2019	14:53	X	X	X	1st fl west side SE	X									
75	2/7/2019	14:54	X	X	X	1st fl West side NE	X									
76	2/1/2019	10:26	X	X	X	4th fl court rm west side	X									
77	2/1/2019	10:27	X	X	X	4th fl court rm NW corner	X									
78	2/1/2019	12:03	X	X	X	Rm 23 east 5th fl	X									
79	2/1/2019	12:04	X	X	X	Rm 23 east by window 5th fl	X									
80	2/1/2019	12:05	X	X	X	Middle area outside rm 23 5th fl	X									
81	2/5/2019	10:27	X	X	X	3rd fl IDF	X									
82	2/1/2019	09:11	X	X	X	IDF room	X	X								

Relinquished by: (Signature) 	Date: 2/13/19	Received by: (Signature) 	Date: 2/13/19	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Pat Schaffner	Time: 1613	(Printed) Cathryn Lemire	Time: 1620	(Printed)	Time:	(Printed)
Remarks:				Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
				Comments:		



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LAB ID #. 53351

PLM:	8hr	24hr	48hr	3day
TEM:	24hr	48hr	3day	5day

PROJECT NUMBER	PROJECT NAME	PARAMETERS				MATERIAL
		PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	
325370-0001-0000	CTDAS/DCS - 18-20 Trinity Street, Hartford, CT	TURNAROUND TIME				
SIGNATURE	INSPECTOR					
FIELD SAMPLE NUMBER	DATE	TIME	TYPE		SAMPLE LOCATION	
			COMP	GRAB		
83	2/1/2019	11:13	X	X	IDF room	FT1 - 12"x12" White with green red. With yellow mastic
84	2/1/2019	09:32	X	X	IDF room 5th fl	FT2 - 9"x9" Grey floor tile with black mastic
85	2/1/2019	09:32	X	X	IDF room 5th fl	FT2 - 9"x9" Grey floor tile with black mastic
86	2/1/2019	10:20	X	X	4th fl middle court room	FT2 - 9"x9" Grey floor tile with black mastic
87	2/5/2019	10:33	X	X	3rd fl men's bath	FT3 - 9"x9" 9x9 brown with black mastic
88	2/5/2019	10:34	X	X	3rd fl men's bath	FT3 - 9"x9" 9x9 brown with black mastic
89	2/5/2019	10:38	X	X	3rd fl women bath	FT4 - 9"x9" Green ft with black mastic
90	2/5/2019	10:38	X	X	3rd fl women's bath	FT4 - 9"x9" Green ft with black mastic
91	2/5/2019	10:41	X	X	3rd fl sw storage	FT5 - 9"x9" Red floor tile with black mastic
92	2/5/2019	10:43	X	X	3rd fl sw storage rm	FT5 - 9"x9" Red floor tile with black mastic
93	2/5/2019	11:25	X	X	3rd fl west ramp	FT6 - 12"x12" Black with white spec no mastic
94	2/5/2019	11:26	X	X	3rd fl west ramp	FT6 - 12"x12" Black with white spec no mastic

Relinquished by: (Signature) <i>Pat Schaffner</i>	Date: 2/13/19	Received by: (Signature) <i>Pat Schaffner</i>	Date: 2/13/19
(Printed) Pat Schaffner	Time: 1613	(Printed) Cathryn Lemire	Time: 1620
Remarks:		Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	



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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 53351

PROJECT NUMBER 325370.0001.0000		PROJECT NAME CTDAS/DCS - 18-20 Trinity Street, Hartford, CT		PROJECT NAME INSPECTOR Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner		PARAMETERS				TURNAROUND TIME					
		PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/ gravimetric reduction) (POSITIVE STOP)			ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 1984 (IF PLM SERIES NEG)	PLM:	TEM:	8hr	24hr	48hr	3day	5day
FIELD SAMPLE NUMBER	DATE	TIME	TYPE		SAMPLE LOCATION	PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 1984 (IF PLM SERIES NEG)	MATERIAL				
			CONF	GRAB											
95	2/5/2019	11:32	X	X	3rd fl kitchen	X		X			FT7 - 12"x12" White with tan specs black mastic				
96	2/5/2019	11:33	X	X	3rd fl kitchen	X	X	X			FT7 - 12"x12" White with tan specs black mastic				
97	2/5/2019	11:36	X	X	3rd fl west stairs	X		X			FT8 - 9"x9" White fl tile black mastic				
98	2/5/2019	11:37	X	X	3rd fl west stairs	X	X	X			FT8 - 9"x9" White fl tile black mastic				
99	2/7/2019	14:49	X	X	1st fl kitchen	X		X			FT9 - 12"x12" Blue floor tile with yellow mastic				
100	2/7/2019	14:49	X	X	1st fl kitchen	X	X	X			FT9 - 12"x12" Blue floor tile with yellow mastic				
101	2/7/2019	15:01	X	X	Ground fl middle	X		X			FT10 - 12"x12" White floor tile blue streak with yellow mastic				
102	2/7/2019	15:02	X	X	Ground fl middle west	X	X	X			FT10 - 12"x12" White floor tile blue streak with yellow mastic				
103	2/11/2019	14:13	X	X	Basement store rm #1	X		X			FT11 - 12"x12" Green floor tile with yellow mastic				
104	2/11/2019	14:14	X	X	Basement store rm #1	X	X	X			FT11 - 12"x12" Green floor tile with yellow mastic				
105	2/11/2019	14:16	X	X	Basement store rm #1	X		X			FT12 - 12"x12" Black floor tile grey mastic				

Relinquished by: (Signature) 	Received by: (Signature) 	Date: 2/13/19	Date: 2/13/19
(Printed) Pat Schaffner	(Printed) Cathryn Lemire	Time: 1613	Time: 1620
Remarks:		Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Comments: Page 9 of 13	



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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

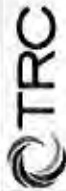
Edition: October 2009
Supersede Previous Edition

LAB ID #. **53351**

PLM:	8hr	24hr	X	48hr	3day
TEM:	24hr	48hr		3day	5day

PROJECT NUMBER	PROJECT NAME		PARAMETERS					TURNAROUND TIME									
	DATE	TIME	PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	8hr	24hr	48hr	3day	5day					
325370.0001.0000	CTD/AS/DCS - 18-20 Trinity Street, Hartford, CT		X	X	X												
INSPECTOR																	
SIGNATURE			Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner														
FIELD SAMPLE NUMBER	DATE	TIME	TYPE		SAMPLE LOCATION	MATERIAL											
			CONF	GRAB		FT12 - 12"x12" Black floor tile grey mastic	G1 - Gypsum	G1 - Gypsum	MF1 - Grey mudded fitting	MF1 - Grey mudded fitting	MF1 - Grey mudded fitting	MF2 - Mud fitting on 8" pipe	MF2 - Mud fitting on 8" pipe	PL1 - Plaster on ceiling	PL1 - Plaster on ceiling		
106	2/11/2019	14:17	X	X	Basement store rm #1	X	X										
107	2/5/2019	14:39	X	X	Ceiling to Stairs to 3rd fl mechanical rm	X											
108	2/5/2019	14:41	X	X	Ceiling to of stairs to 3rd floor mechanical rm	X											
109	2/1/2019	10:43	X	X	4th fl court rm middle S	X											
110	2/1/2019	10:44	X	X	4th fl court rm E	X											
111	2/1/2019	10:45	X	X	4th fl court rm W	X											
112	2/1/2019	14:21	X	X	Ground fl south east area	X											
113	2/1/2019	14:23	X	X	Ground fl South east area below ceiling	X											
114	2/1/2019	14:25	X	X	Ground floor south east area	X											
115	1/31/2019	11:40	X	X	5th fl SE corner ceiling deck	X				X							
116	1/31/2019	11:42	X	X	5th fl middle area conf rm	X				X							

Relinquished by: (Signature)	Date: 2/13/19	Received by: (Signature)	Date: 2/13/19
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Remarks:		Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Comments:	





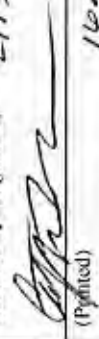
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 52351

PROJECT NUMBER 325370.0001.0000		PROJECT NAME CTDAS/DCS - 18-20 Trinity Street, Hartford, CT		PARAMETERS				TURNAROUND TIME									
								PLM:	TEM:	8hr	24hr	48hr	3day	5day			
FIELD SAMPLE NUMBER	DATE	TIME	SIGNATURE 	INSPECTOR Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner	SAMPLE LOCATION	PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOR 198.4 (IF PLM SERIES NEG)	MATERIAL						
											TYPE	COMP	GRAB	8hr	24hr	48hr	3day
117	2/1/2019	10:30			4th fl south wall by elevator	X		X			PL1 - Plaster on ceiling						
118	2/1/2019	10:30			4th fl middle court rm	X		X			PL1 - Plaster on ceiling						
119	2/1/2019	10:32			4th fl north hall wall	X		X			PL1 - Plaster on ceiling						
120	2/1/2019	11:40			5th fl north elevator	X		X			PL1 - Plaster on ceiling						
121	2/5/2019	11:41			3rd fl west perimeter wall	X		X			PL1 - Plaster on ceiling						
122	2/5/2019	11:43			3rd fl SW corner wall	X		X			PL1 - Plaster on ceiling						
123	2/5/2019	11:46			3rd fl west side ceiling deck in Iaracota	X					PL2 - Scratch coat plaster						
124	2/5/2019	11:46			3rd fl west side middle	X					PL2 - Scratch coat plaster						
125	1/31/2019	11:50			Office 23	X		X			SHR1 - Sheetrock w/JC						
126	1/31/2019	11:51			Room 13	X		X			SHR1 - Sheetrock w/JC						
127	2/1/2019	11:20			Middle by conference rm	X		X			SHR1 - Sheetrock w/JC						
128	2/1/2019	10:55			4th fl by south elevator	X		X			SHR2 - Sheetrock w/JC						

Relinquished by: (Signature) 	Date: 2/13/19	Received by: (Signature) 	Date: 2/13/19
(Printed) Pat Schaffner	Time: 1613	(Printed) Cathryn Lemire	Time: 1620
Remarks:		Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Comments:	



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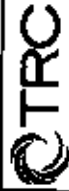
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								PLM:	8hr	24hr	48hr	3day	5day							
PROJECT NUMBER		PROJECT NAME		PARAMETERS				TURNAROUND TIME												
325370.0001.0000		CTDAS/DCS - 18-20 Trinity Street, Hartford, CT		PLM EPA 600/R9/116 (POSITIVE STOP)				PLM:	8hr	24hr	48hr	3day	5day							
SIGNATURE		INSPECTOR		PLM EPA 600/R9/116 (POSITIVE STOP)				TEM:	24hr	48hr	3day	5day								
FIELD SAMPLE NUMBER		DATE		TIME		TYPE		SAMPLE LOCATION		ANALYZE BY LAYER		POINT COUNT (IF >1% & <10%)		TEM NY N98.4 (IF PLM SERIES NEG)		MATERIAL				
129	2/1/2019	10:56	X	X	4th fl middle court rm	X		X												
130	2/1/2019	10:58	X	X	4th fl north desk	X		X												
131	2/5/2019	11:56	X	X	3rd fl west side middle	X		X												
132	2/5/2019	11:57	X	X	3rd fl west side middle	X		X												
133	2/5/2019	12:01	X	X	3rd fl west closet	X		X												
134	2/5/2019	12:03	X	X	3rd fl west side closet	X		X												
135	2/5/2019	12:08	X	X	3rd fl west side ceiling	X		X												
136	2/6/2019	14:22	X	X	3rd fl west side ceiling	X		X												
137	2/5/2019	14:31	X	X	3rd fl mechanical rm Wall E (93)	X		X												
138	2/5/2019	14:34	X	X	3rd fl mechanical rm beams (95)	X		X												
139	1/31/2019	12:12	X	X	5th fl south stair	X		X												
140	1/31/2019	12:13	X	X	5th floor North stair	X		X												

Relinquished by: (Signature) 	Date: 2/13/19	Received by: (Signature)	Date: 2/13/19	Relinquished by: (Signature)	Date:	Received by: (Signature)
	Time: 1613	(Printed) Cathryn Lemire	Time: 1620	(Printed)	Time:	(Printed)
Remarks: Pat Schaffner	Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					



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									PLM:	24hr	48hr	3day	5day											
325370.0000.0000		CTDAS/DCS - 18-20 Trinity Street, Hartford, CT							PLM:	24hr	48hr	3day	5day											
SIGNATURE		INSPECTOR		ANALYZE BY LAYER																				
Brendan McClure, Carmen Jacko, Michael Stewart, Pat Schaffner		PLM EPA 600/R9/116 (POSITIVE STOP)					PLM EPA 600/R9/116 (w/ gravimetric reduction) (POSITIVE STOP)					POINT COUNT (IF >1% & <10%)					TEMPY NOR 1984 (IF PLM SERIES NEG)							
FIELD SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION		PLM EPA 600/R9/116 (POSITIVE STOP)	PLM EPA 600/R9/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEMPY NOR 1984 (IF PLM SERIES NEG)	MATERIAL													
				CONF	GRAB						WG2 - Window glazing	WG2 - Window glazing	WG3 - Grey thick window glazing	WG3 - Grey thick window glazing	WP1 - White textured wall paper	WP1 - White textured wall paper	WPG1 - Black wall panel glue	WPG1 - Black wall panel glue	CT1 - 2'x2' Ceiling tile	CT1 - 2'x2' Ceiling tile				
141	2/5/2019	11:50	X	X	3rd fl west end north side	X																		
142	2/5/2019	11:52	X	X	3rd fl west end north side	X	X																	
143	2/5/2019	14:49	X	X	3rd fl mechanical room int	X																		
144	2/5/2019	14:49	X	X	3rd fl mechanical rm interior	X	X																	
145	2/6/2019	15:09	X	X	2nd fl hall main by east west	X																		
146	2/6/2019	15:11	X	X		X																		
147	2/1/2019	11:07	X	X	4th fl IDF rm	X																		
148	2/1/2019	11:09	X	X	4th fl middle court room	X	X																	
149	1/31/2019	10:00	X	X	Office 24	X																		
150	1/31/2019	10:03	X	X	Hearing Room 12	X	X																	

Requisitioned by: (Signature)	Date: 2/13/19	Received by: (Signature) <i>[Signature]</i>	Date: 2/13/19	Requisitioned by: (Signature)	Received by: (Signature)
(Printed) Pat Schaffner	Time: 1613	(Printed) Cathryn Lemire	Time: 1620	(Printed)	(Printed)
Remarks:					
Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Page 13 of 13					

PLM Gravimetric Analysis

Date	Analyst	Lab Log #	Sample ID	Crucible ID	g crucible	g crucible plus sample	g after 480°	decimal	% Asb in residue	% Asb total Sample
2/5/2019	CL/KW	53351	2	120	26.5892	26.6429	26.6306	0.771	0.00	0.00
			4	122	19.7354	19.8028	19.7536	0.270	0.00	0.00
			6	123	26.2341	26.2894	26.2664	0.584	0.00	0.00
			8	125	19.3218	19.5073	19.4035	0.440	0.00	0.00
			10	126	22.9902	23.0603	23.0229	0.466	0.00	0.00
			12	129	18.9658	18.9762	18.9688	0.288	0.00	0.00
			14	153	19.0178	19.3664	19.1815	0.470	0.00	0.00
			16	156	25.2815	25.6117	25.428	0.444	0.00	0.00
			18	157	33.3556	33.3902	33.3647	0.263	0.00	0.00
			20	158	33.1708	33.1943	33.1834	0.536	0.00	0.00
			22	161	19.4152	19.4352	19.4215	0.315	0.00	0.00
			24	171	20.5712	20.5986	20.5867	0.566	0.00	0.00
			26	178	27.6902	27.756	27.7394	0.748	0.00	0.00
			28	189	20.8237	21.099	21.0033	0.652	0.00	0.00
			30	190	20.4877	20.5363	20.5179	0.621	0.00	0.00
			32	218	20.337	20.4056	20.3861	0.716	0.00	0.00
			34	245	18.921	19.0772	19.0256	0.670	0.00	0.00
			36	70	20.2181	20.2445	20.2256	0.284	0.00	0.00
			38	131	24.609	24.913	24.7117	0.338	0.00	0.00
			40	132	19.1126	19.1551	19.1189	0.148	0.00	0.00
			42	134	20.2545	20.2833	20.2692	0.510	0.00	0.00
			46	254	20.0327	20.0678	20.0481	0.439	0.00	0.00
			48	314	19.5573	19.7622	19.6695	0.548	0.00	0.00
			50	762	20.8522	21.0607	20.9552	0.494	0.00	0.00
			52	2	17.371	17.4481	17.3975	0.344	0.00	0.00
			54	119	26.9582	27.2073	27.0321	0.297	0.00	0.00

PLM Gravimetric Analysis

Date	Analyst	Lab Log #	Sample ID	Crucible ID	g crucible	g crucible plus sample	g after 480°	decimal Residue	% Asb in residue	% Asb total Sample
2/14/2019	KW	53351	68	33	18.3106	18.4361	18.3731	0.498	0.00	0.00
			83M	135	17.8709	17.8912	17.8771	0.305	0.00	0.00
			83T	136	18.8399	18.8696	18.8652	0.852	0.00	0.00
			94	34	23.9754	24.2652	24.2056	0.794	0.00	0.00
			96	48	20.62	20.8885	20.8406	0.822	0.00	0.00
			100M	57	20.3868	20.4761	20.444	0.641	0.00	0.00
			100T	58	21.3682	21.6573	21.614	0.850	0.00	0.00
			102M	60	23.6793	23.699	23.6804	0.056	0.00	0.00
			102T	64	19.7789	20.3523	20.2726	0.861	0.00	0.00
			104M	128	26.1626	26.1763	26.1684	0.423	0.00	0.00
			106M	52	18.8222	18.836	18.8328	0.768	0.00	0.00
			140	138	21.1879	21.2696	21.255	0.821	0.00	0.00
			142	67	17.4771	17.6797	17.6615	0.910	0.00	0.00
			144	69	24.0028	24.2678	24.2406	0.897	0.00	0.00

APPENDIX D

PLM LABORATORY ANALYSIS DATA



BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Construction Services

Lab Log #: 0053351
 Project #: 325370.0001.0000
 Date Received: 02/05/2019
 Date Analyzed: 02/14/2019

Site: 18-20 Trinity Street, Hartford, CT

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
1	White (adhesive)	Yes	No	--	---	ND	None
2	White (adhesive)	Yes	No	--	---	ND	None
3	Yellow (adhesive)	Yes	No	--	---	ND	None
4	Yellow (adhesive)	Yes	No	--	---	ND	None
5	Yellow (mastic)	Yes	No	--	---	ND	None
6	Yellow (mastic)	Yes	No	--	---	ND	None
7	Black (mastic)	Yes	No	--	---	ND	None
8	Black (mastic)	Yes	No	--	---	ND	None
9	Brown (mastic)	Yes	No	--	---	ND	None
10	Brown (mastic)	Yes	No	--	---	ND	None
11	Tan (mastic)	Yes	No	--	---	ND	None
12	Tan (mastic)	Yes	No	--	---	ND	None
13	Brown (mastic)	Yes	No	--	---	ND	None
14	Brown (mastic)	Yes	No	--	---	ND	None
15	Brown (mastic)	Yes	No	--	---	ND	None
16	Brown (mastic)	Yes	No	--	---	ND	None
17	Tan (mastic)	Yes	No	--	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NV LAP Lab Code 101424-0 AIAA-LAP, LLC #100122 CT #PH-0426 ME LA-0075, LB-0071 MA #AA000052 NY #10980 WY# LT000411
 RI #AAL-007 TX #300354 VT #A1.014538 LA#05011 VA #3333 000283 AZ #A20944 HI #L-09-004 NJ #C1004 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
18♣	Tan (mastic)	Yes	No	--	---	ND	None
19	White (mastic)	Yes	No	--	---	ND	None
20♣	White (mastic)	Yes	No	--	---	ND	None
21	Tan (mastic)	Yes	No	--	---	ND	None
22♣	Tan (mastic)	Yes	No	--	---	ND	None
23	Tan (mastic)	Yes	No	--	---	ND	None
24♣	Tan (mastic)	Yes	No	--	---	ND	None
25	White (mastic)	Yes	No	--	---	ND	None
26♣	White (mastic)	Yes	No	--	---	ND	None
27	Yellow (mastic)	Yes	No	--	---	ND	None
28♣	Yellow (mastic)	Yes	No	--	---	ND	None
29	Tan (mastic)	Yes	No	--	---	ND	None
30♣	Tan (mastic)	Yes	No	--	---	ND	None
31	Tan (mastic)	Yes	No	--	---	ND	None
32♣	Tan (mastic)	Yes	No	--	---	ND	None
33	Yellow (adhesive)	Yes	No	--	---	ND	None
34♣	Yellow (adhesive)	Yes	No	--	---	ND	None
35	Yellow (mastic)	Yes	No	--	---	ND	None
36♣	Yellow (mastic)	Yes	No	--	---	ND	None
37	Yellow (glue)	Yes	No	--	---	ND	None
38♣	Yellow (glue)	Yes	No	--	---	ND	None
39	Green (glue)	Yes	No	--	---	ND	None
40♣	Green (glue)	Yes	No	--	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0 AIHA-LAP, LLC #100122 CT #PHI-0426 ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV#LT000411
 RI #AAL-007 TX #300354 VT #AL014538 IA #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	Multilayered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
61	White/Grey (ceiling tile)	Yes	No	--	10% cellulose 80% mineral wool	ND	None
62	White/Grey (ceiling tile)	Yes	No	--	20% cellulose 60% mineral wool	ND	None
63	White/Grey (ceiling tile)	Yes	No	--	5% cellulose 90% mineral wool	ND	None
64	White/Grey (ceiling tile)	Yes	No	--	5% cellulose 90% mineral wool	ND	None
65	White/Grey (ceiling tile)	Yes	No	--	5% cellulose 90% mineral wool	ND	None
66	Yellow (sealer)	Yes	No	--	---	ND	None
67	Brown (adhesive)		No	--	60% cellulose	ND	None
68*	Brown (adhesive)		No	--	---	ND	None
69	Brown (flex connector)	Yes	No	--	80% cellulose	ND	None
70	Brown (flex connector)	Yes	No	--	80% cellulose	ND	None
71	White (hard pack)	Yes	No	--	---	ND	None
72	Brown (leveler)	Yes	No	--	---	ND	None
73	Brown (leveler)	Yes	No	--	---	ND	None
74	Grey (leveler)	Yes	No	--	---	ND	None
75	Grey (leveler)	Yes	No	--	---	ND	None
76	Light Grey (fireproofing)	Yes	No	--	---	ND	None
77	Light Grey (fireproofing)	Yes	No	--	---	ND	None
78	Light Grey (fireproofing)	Yes	No	--	---	ND	None
79	Light Grey (fireproofing)	Yes	No	--	---	ND	None
80	Light Grey (fireproofing)	Yes	No	--	---	ND	None
81	--	--	--	--	--	SNA	--

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# L1000411
 RI #AAI-007 TX #300354 VT #AL014538 LA#05011 VA #3333 000283 AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907
 CO# AL-15020 PHL# 461 PA#68-03487

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
82	Yellow (mastic)	No	Yes	1	---	ND	None
82	White/Green/Red (tile)	No	Yes	2	---	ND	None
83	Yellow (mastic)	No	Yes	1	---	ND	None
83	White/Green/Red (tile)	No	Yes	2	---	ND	None
84	Black (mastic)	No	Yes	1	---	3%	Chrysotile
84	--	--	--	--	--	NA/PS	--
85	--	--	--	--	--	NA/PS	--
85	--	--	--	--	--	NA/PS	--
86	--	--	--	--	--	NA/PS	--
86	--	--	--	--	--	NA/PS	--
87	Black (mastic)	No	Yes	1	---	10%	Chrysotile
87	--	--	--	--	--	NA/PS	--
88	--	--	--	--	--	NA/PS	--
88	--	--	--	--	--	NA/PS	--
89	Black (mastic)	No	Yes	1	---	10%	Chrysotile
89	--	--	--	--	--	NA/PS	--
90	--	--	--	--	--	NA/PS	--
90	--	--	--	--	--	NA/PS	--
91	Black (mastic)	No	Yes	1	---	10%	Chrysotile
91	--	--	--	--	--	NA/PS	--
92	--	--	--	--	--	NA/PS	--
92	--	--	--	--	--	NA/PS	--
93	Black/White (tile)	Yes	No	--	---	ND	None
94	Black/White (tile)	Yes	No	--	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NV/LAP Lab Code J01424-0 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 #I-09-004 NJ #CT004 CA #2907
 CO# AL-15020 PHL# 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
95	White/Tan (tile)	Yes	No	--	---	ND	None
96*	White/Tan (tile)	Yes	No	--	---	ND	None
97	Black (mastic)	No	Yes	1	---	5%	Chrysotile
97	--	--	--	--	--	NA/PS	--
98	--	--	--	--	--	NA/PS	--
98	--	--	--	--	--	NA/PS	--
99	Yellow (mastic)	No	Yes	1	---	ND	None
99	Blue (tile)	No	Yes	2	---	ND	None
100*	Yellow (mastic)	No	Yes	1	---	ND	None
100*	Blue (tile)	No	Yes	2	---	ND	None
101	Yellow (mastic)	No	Yes	1	---	ND	None
101	White/Blue (tile)	No	Yes	2	---	ND	None
102*	Yellow (mastic)	No	Yes	1	---	ND	None
102*	White/Blue (tile)	No	Yes	2	---	ND	None
103	Yellow (mastic)	No	Yes	1	---	ND	None
103	Green (tile)	No	Yes	2	---	3%	Chrysotile
104*	Yellow (mastic)	No	Yes	1	---	ND	None
104	--	--	--	--	--	NA/PS	--
105	Grey (mastic)	No	Yes	1	---	ND	None
105	Black (tile)	No	Yes	2	---	3%	Chrysotile
106*	Grey (mastic)	No	Yes	1	---	ND	None
106	--	--	--	--	--	NA/PS	--
107	Off White (gypsum)	Yes	No	--	2% cellulose	ND	None
108	Off White (gypsum)	Yes	No	--	2% cellulose	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0	AHA-LAP, LLC #100122	CT #PH-0436	ME LA-0075, LB-0071	MA #AA000152	NY #10980	WV #LT000411
RI #AAL-007	TN #300354	VT #AL014538	LA #05011	VA #3333 000283	AZ #A20944	HI #L-09-004
CO# AL-15020	PHIL # 461	PA#68-03387				NJ #CT004
						CA #2907

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

Sample No.	Color	Homogenous	Mult-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
125	White (joint compound)	No	Yes	1	---	ND	None
125	Light Grey (sheetrock)	No	Yes	2	3% cellulose	ND	None
126	White (joint compound)	No	Yes	1	---	ND	None
126	Light Grey (sheetrock)	No	Yes	2	3% cellulose	ND	None
127	White (joint compound)	No	Yes	1	---	ND	None
127	Light Grey (sheetrock)	No	Yes	2	3% cellulose	ND	None
128	White (joint compound)	No	Yes	1	---	ND	None
128	Light Grey (sheetrock)	No	Yes	2	3% cellulose	ND	None
129	White (joint compound)	No	Yes	1	---	ND	None
129	Light Grey (sheetrock)	No	Yes	2	3% cellulose	ND	None
130	White (joint compound)	No	Yes	1	---	ND	None
130	Light Grey (sheetrock)	No	Yes	2	3% cellulose	ND	None
131	Light Pink (sheetrock)	Yes	No	--	2% cellulose	ND	None
132	Light Pink (sheetrock)	Yes	No	--	2% cellulose	ND	None
133	White (joint compound)	No	Yes	1	---	ND	None
133	Off White (sheetrock)	No	Yes	2	2% cellulose	ND	None
134	White (joint compound)	No	Yes	1	---	ND	None
134	Off White (sheetrock)	No	Yes	2	2% cellulose	ND	None
135	Light Grey (cement)	Yes	No	--	---	ND	None
136	Light Grey (cement)	Yes	No	--	---	ND	None
137	Grey (plaster)	Yes	No	--	---	ND	None
138	Grey (plaster)	Yes	No	--	---	ND	None
139	Grey (glaze)	Yes	No	--	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0 AIIA-LAP, LLC #100122 CT #PH-0426 ME LA-0075, LB-0071 MA #A3000052 NY #10980 WY #L1000411
 RI #AAL-007 TX #300354 VT #AL014538 LA #05011 VA #3333 000283 AZ #A20944 HI #I-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
140*	Grey (glaze)	Yes	No	--	---	ND	None
141	Grey (glaze)	Yes	No	--	---	ND	None
142*	Grey (glaze)	Yes	No	--	---	ND	None
143	Grey (glaze)	Yes	No	--	---	ND	None
144*	Grey (glaze)	Yes	No	--	---	ND	None
145	White (wall paper)	Yes	No	--	---	ND	None
146	White (wall paper)	Yes	No	--	---	ND	None
147	Black (glue)	Yes	No	--	---	3%	Chrysotile
148	--	--	--	--	--	NA/PS	--
149	White/Grey (ceiling tile)	Yes	No	--	60% cellulose 20% mineral wool	ND	None
150	White/Grey (ceiling tile)	Yes	No	--	60% cellulose 20% mineral wool	ND	None

*Samples analyzed by EPA/600/R-93/116 with gravimetric reduction

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 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize 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, 2019. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2019. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from 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: K. Williamson
Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lamine
Cathryn Lamine, Approved Signatory

Date Issued
02/15/2019

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0 AIHA-LAP, LLC #100122 CT #PIL-0426 ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV# L1100411
RI #AAL-007 TX #300351 VT #AL014538 LA#05011 VA #3333 000283 AZ #A20944 HI #I-09-004 NJ #L1004 CA #2907
CO# AL-15020 PHH # 461 PA#68-03387

APPENDIX E

LEAD PAINT XRF MEASUREMENT TABLE



Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1	Shutter calibration							2.3	0.0		144.19	2/7/2019 10:27
2	0.0 calibration							< LOD	0.0	1.43	1.63	2/7/2019 10:32
3	0.7 calibration							0.7	0.1	1	3.45	2/7/2019 10:32
4	1.6 calibration							1.5	0.1	1.15	4.75	2/7/2019 10:32
5th Floor												
5	Hearing Room 12	A	Wall		Sheetrock	White	Intact	< LOD	0.0	1	2.3	2/7/2019 10:38
6	Hearing Room 12	B	Wall		Sheetrock	White	Intact	< LOD	0.0	1	2.12	2/7/2019 10:38
7	Hearing Room 12	A	Door	Frame	Metal	White	Intact	< LOD	0.0	1.16	1.47	2/7/2019 10:39
8	Hearing Room 12	D	Door	Frame	Metal	White	Intact	< LOD	0.0	1	1.81	2/7/2019 10:39
9	Hearing Room 12	D	Door	Stop	Metal	White	Intact	< LOD	0.0	1	1.47	2/7/2019 10:40
10	Hearing Room 12	C	Window	Casing	Metal	White	Intact	< LOD	0.7	10	2.29	2/7/2019 10:42
11	Hearing Room 12	C	Window	Casing	Metal	White	Intact	< LOD	0.1	5.04	5.89	2/7/2019 10:43
12	Hearing Room 12	C	Window	Sill	Wood	White	Intact	0.7	0.2	3.06	3.93	2/7/2019 10:44
13	Reception 1	C	Wall	--	Plaster	White	Intact	6.4	2.5	1.14	2.78	2/7/2019 10:46
14	Reception 1	C	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.97	2/7/2019 10:47
15	Reception 1	C	Radiator	--	Metal	White	Intact	< LOD	0.1	1.14	2.12	2/7/2019 10:47
16	Reception 1	B	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.81	2/7/2019 10:48
17	Hall next to Office 4	--	Column	--	Plaster	White	Intact	7.9	1.6	2.8	3.6	2/7/2019 10:50
18	Hall next to Office 4	C	Wall	--	Plaster	White	Intact	11.8	1.9	10	3.77	2/7/2019 10:51
19	Office 4	C	Wall	--	Plaster	White	Intact	8.8	3.4	10	2.13	2/7/2019 10:52
20	Office 4	C	Window	Casing	Metal	White	Intact	< LOD	0.1	5.04	4.25	2/7/2019 10:55
21	Office 4	C	Window	Frame	Wood	White	Intact	5.3	2.6	2.93	2.63	2/7/2019 10:55
22	Office 4	C	Window	Sill	Wood	White	Intact	7.9	2.5	10	3.11	2/7/2019 10:55
23	Office 4	D	Radiator		Metal	White	Intact	< LOD	0.0	1.78	4.4	2/7/2019 10:57
24	Hall next to Office 5	A	Double door		Metal	White	Intact	< LOD	0.0	1	1.31	2/7/2019 10:58
25	Hall next to Office 5	A	Double door	Casing	Metal	White	Intact	< LOD	0.0	1	1.47	2/7/2019 10:58
26	Office 7	C	Wall	--	Plaster	White	Intact	11.0	4.3	10	1.8	2/7/2019 11:01
27	Office 7	D	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.47	2/7/2019 11:02
28	Office 11	C	Wall	--	Plaster	White	Intact	10.1	3.4	10	2.46	2/7/2019 11:04
29	Office 11	C	Window	Casing	Metal	White	Intact	< LOD	0.8	10	2.47	2/7/2019 11:05
30	Office 11	C	Window	Casing	Metal	White	Intact	< LOD	0.2	6.95	5.08	2/7/2019 11:05
31	Office 11	C	Window	Sill	Metal	White	Intact	10.1	3.4	10	2.3	2/7/2019 11:06
32	Office 11	B	Wall	--	Plaster	White	Intact	8.2	2.7	6	2.95	2/7/2019 11:08
33	Office 11	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.64	2/7/2019 11:08
34	PT11	B	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1.28	1.47	2/7/2019 11:11

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 #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
35	PT11	C	Door	Casing	Metal	White	Intact	< LOD	0.0	1	1.47	2/7/2019 11:12
36	Kitchenette	D	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	2.12	2/7/2019 11:14
37	Office 14	B	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.95	2/7/2019 11:28
38	Office 14	A	Door	--	Metal	White	Intact	< LOD	0.0	1	1.47	2/7/2019 11:28
39	Office 14	A	Door	Casing	Metal	White	Intact	< LOD	0.0	1	1.48	2/7/2019 11:29
40	Office 14	D	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.97	2/7/2019 11:30
41	Elevator Lobby	B	Wall	--	Plaster	White	Intact	6.7	2.9	10	2.45	2/7/2019 11:32
42	Elevator Lobby	B	Elevator door	--	Metal	White	Intact	< LOD	0.0	1	1.31	2/7/2019 11:33
43	Elevator Lobby	B	Elevator door	Casing	Metal	White	Intact	< LOD	0.0	1.24	2.78	2/7/2019 11:33
44	Elevator Lobby	B	Elevator door	Lentil	Metal	White	Intact	< LOD	0.0	1	1.14	2/7/2019 11:34
45	Women's Bathroom	A	Wall	--	Plaster	White	Intact	7.1	3.4	10	1.97	2/7/2019 11:37
46	Women's Bathroom	A	Wall	Column	Plaster	White	Intact	6.7	3.5	10	1.8	2/7/2019 11:37
47	Women's Bathroom	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.3	2/7/2019 11:38
48	Women's Bathroom	A	Window	Casing	Metal	White	Intact	< LOD	1.0	8.15	6.36	2/7/2019 11:39
49	Women's Bathroom	A	Window	Casing	Metal	White	Intact	< LOD	0.6	10	1.8	2/7/2019 11:40
50	Women's Bathroom	A	Window	Casing	Metal	White	Intact	< LOD	0.1	6.45	5.74	2/7/2019 11:40
51	Women's Bathroom	A	Window	Sill	Wood	White	Intact	0.6	0.2	1.99	2.79	2/7/2019 11:41
52	Women's Bathroom	A	Window	Frame	Metal	White	Intact	16.9	2.5	10	3.12	2/7/2019 11:42
53	Women's Bathroom	A	Window	Frame	Metal	White	Intact	7.6	3.2	10	2.29	2/7/2019 11:42
54	Office 23	A	Window	Casing	Metal	White	Intact	4.1	2.6	8.19	1.47	2/7/2019 11:44
55	Office 23	A	Window	Casing	Metal	White	Intact	4.0	2.6	9.24	2.29	2/7/2019 11:44
56	Office 23	A	Window	Sill	Metal	White	Intact	< LOD	0.4	4.1	0.99	2/7/2019 11:44
57	Office 23	A	Window	Sill	Wood	White	Intact	< LOD	0.0	2.22	5.08	2/7/2019 11:45
58	Office 23	A	Wall	Column	Plaster	White	Intact	< LOD	0.0	1	0.98	2/7/2019 11:45
59	Office 23	A	Wall	Column	Plaster	White	Intact	< LOD	0.0	1	3.43	2/7/2019 11:46
60	Office 23	D	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.48	2/7/2019 11:46
61	Office 23	C	Door	Casing	Metal	White	Intact	< LOD	0.0	1	1.48	2/7/2019 11:46
62	Corridor 27	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.3	2/7/2019 11:49
63	Corridor 27	D	Wall	--	Plaster	White	Intact	< LOD	0.0	1	2.78	2/7/2019 11:49
64	Corridor 27	D	Door	--	Metal	White	Intact	< LOD	0.0	1	1.47	2/7/2019 11:50
65	Corridor 27	D	Door	Casing	Metal	White	Intact	0.8	0.3	5.38	3.61	2/7/2019 11:50
66	Corridor 27	D	Door	Casing	Metal	White	Intact	0.8	0.2	5.77	9.17	2/7/2019 11:51
67	Men's Bathroom	C	Door	--	Metal	White	Intact	< LOD	0.0	1	1.31	2/7/2019 11:52
4th Floor												
68	Unoccupied area - East	D	Wall	--	Plaster	White	Intact	8.0	3.1	9.56	2.46	2/7/2019 12:13

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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 #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
69	Unoccupied area - East	D	Window	Casing	Metal	White	Intact	5.6	2.8	4.98	2.46	2/7/2019 12:17
70	Unoccupied area - East	D	Window	Frame	Metal	White	Intact	7.6	3.4	6	2.13	2/7/2019 12:18
71	Unoccupied area - East	D	Window	Sill	Metal	White	Intact	9.8	3.4	6.86	2.13	2/7/2019 12:18
72	Unoccupied area - East	A	Wall		Metal	White	Intact	< LOD	0.0	1	1.31	2/7/2019 12:19
73	Unoccupied area - East	A	Door		Metal	Blue	Intact	< LOD	0.0	1	1.46	2/7/2019 12:20
74	Unoccupied area - East	C	pipe riser		Metal	White	Intact	< LOD	0.1	4.58	5.08	2/7/2019 12:21
75	Unoccupied area - East	C	Wall		Plaster	White	Intact	7.5	3.4	10	1.95	2/7/2019 12:26
76	Unoccupied area - East	--	temp. wall		Metal	White	Intact	< LOD	0.0	1.5	3.77	2/7/2019 12:27
77	Mech Room - South	D	Wall		Plaster	Grey	Intact	8.7	3.7	4.55	1.97	2/7/2019 12:29
78	Mech Room - South	D	Window	Sill	Plaster	black	Intact	9.2	3.5	2.18	1.81	2/7/2019 12:30
79	Mech Room - South	C	column		Plaster	Grey	Intact	8.0	3.5	5.53	1.97	2/7/2019 12:31
80	Mech Room - South	C	Wall		Metal	Grey	Intact	< LOD	0.0	1	1.47	2/7/2019 12:31
81	Men's Bathroom	A	Wall		Plaster	Grey	Intact	12.7	5.0	10	1.47	2/7/2019 12:35
82	Men's Bathroom	A	Window	Sill	Plaster	Grey	Intact	< LOD	0.9	4.58	0.49	2/7/2019 12:35
83	Men's Bathroom	A	Window	Sill	Wood	White	Intact	< LOD	0.2	5.39	4.24	2/7/2019 12:36
84	Men's Bathroom	A	radiator		Metal	White	Intact	< LOD	0.3	1.9	0.33	2/7/2019 12:37
85	Men's Bathroom	A	radiator		Metal	White	Intact	< LOD	0.1	1	1.64	2/7/2019 12:37
86	Men's Bathroom	C	pipe		Metal	White	Intact	< LOD	0.0	1	0.33	2/7/2019 12:37
87	Men's Bathroom	C	pipe		Metal	White	Intact	< LOD	0.0	1	1.47	2/7/2019 12:38
88	0.0 calibration							< LOD	0.0	1	1.48	2/7/2019 14:00
89	0.7 calibration							0.8	0.1	1.14	3.61	2/7/2019 14:00
90	1.6 calibration							1.6	0.3	1.18	3.1	2/7/2019 14:01
91	Unoccupied area - West	A	Wall		Plaster	White	Intact	< LOD	0.1	1.72	1.31	2/7/2019 14:05
92	Unoccupied area - West	A	Wall		Plaster	White	Intact	< LOD	0.0	1	2.95	2/7/2019 14:05
93	Unoccupied area - West	A	Window	Casing	Plaster	White	Intact	7.6	3.7	9.67	1.8	2/7/2019 14:05
94	Unoccupied area - West	A	Window	Sill	Plaster	White	Intact	< LOD	0.1	4.05	3.61	2/7/2019 14:06
95	Main Corridor	A	Wall		Sheetrock	White	Intact	< LOD	0.0	1	2.13	2/7/2019 14:09
96	Main Corridor	C	Wall		Sheetrock	White	Intact	< LOD	0.0	1	1.97	2/7/2019 14:09
97	Main Corridor	D	Door		Metal	White	Intact	< LOD	0.0	1	1.64	2/7/2019 14:10
98	Empty Office	A	Wall		Plaster	Blue	Intact	6.5	3.8	10	1.48	2/7/2019 14:13
99	Empty Office	D	Door		Wood	Blue	Intact	< LOD	0.0	1.41	3.6	2/7/2019 14:14
100	Empty Office	D	Door	Casing	Wood	Blue	Intact	< LOD	20.0	6.15	0.33	2/7/2019 14:17
101	Empty Office	D	Door	Casing	Wood	Blue	Intact	8.7	3.3	5.36	1.96	2/7/2019 14:17
102	Women's Bathroom	A	Wall		Plaster	Pink	Intact	11.8	4.3	10	1.8	2/7/2019 14:18
103	Women's Bathroom	A	pipe		Metal	Pink	Intact	< LOD	0.1	1.36	2.62	2/7/2019 14:18

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



Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
104	Women's Bathroom	B	Door	Casing	Wood	Pink	Intact	15.5	4.5	10	1.97	2/7/2019 14:19
105	IDF Room	B	Wall	--	Wood	Grey	Intact	< LOD	0.0	1	1.47	2/7/2019 14:24
3rd Floor												
106	Open office area	B	Wall	--	Plaster	White	Intact	< LOD	0.0	1	2.62	2/7/2019 14:44
107	Open office area	B	Wall	Column	Plaster	White	Intact	< LOD	0.0	1	3.6	2/7/2019 14:45
108	Open office area	A	Wall	Column	Plaster	White	Intact	< LOD	0.0	1	2.93	2/7/2019 14:45
109	Open office area	B	Window	Casing	Metal	White	Intact	< LOD	0.3	3.13	2.61	2/7/2019 14:46
110	Open office area	B	Window	Frame	Wood	White	Intact	0.1	0.1	3.23	4.24	2/7/2019 14:47
111	Open office area	B	Window	Sill	Wood	White	Intact	< LOD	0.0	1.21	3.62	2/7/2019 14:47
112	Open office area	B	radiator	--	Metal	White	Intact	< LOD	0.1	1.3	2.29	2/7/2019 14:48
113	Open office area	B	Ceiling	Column	Plaster	White	Intact	< LOD	0.1	1.79	2.46	2/7/2019 14:49
114	Open office area	B	Ceiling	Column	Plaster	White	Intact	< LOD	0.0	1	1.81	2/7/2019 14:49
115	Open office area	B	elevator door	--	Metal	White	Intact	< LOD	0.1	2.86	3.1	2/7/2019 14:54
116	Open office area	B	elevator door	Casing	Metal	White	Intact	< LOD	0.0	1.06	1.8	2/7/2019 14:54
117	Open office area	A	Wall	--	Plaster	White	Intact	< LOD	0.0	1	5.06	2/7/2019 14:56
118	SW offices corridor	B	Wall	--	Plaster	White	Intact	< LOD	0.0	1	2.3	2/7/2019 14:59
119	SW offices corridor	B	closet door	--	Metal	White	Intact	< LOD	0.1	3.12	4.42	2/7/2019 15:00
120	SW offices corridor	B	closet door	--	Wood	White	Intact	< LOD	0.1	1.67	3.12	2/7/2019 15:00
121	SW offices corridor	C	Door	Casing	Wood	White	Intact	< LOD	0.1	1.89	3.61	2/7/2019 15:01
122	Storage	D	Wall	--	Plaster	White	Intact	< LOD	0.0	1.7	1.79	2/7/2019 15:03
123	Storage	D	Wall	Column	Plaster	White	Intact	< LOD	0.0	1.73	1.97	2/7/2019 15:03
124	Center conference	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	2.13	2/7/2019 15:06
125	Center conference	B	Wall	Column	Plaster	White	Intact	< LOD	0.0	1	1.96	2/7/2019 15:07
126	Main office area	--	Temp wall	--	Wood	White	Intact	< LOD	0.0	1	1.31	2/7/2019 15:09
127	Main office area	C	Ramp wall	--	Sheetrock	Pink	Intact	< LOD	0.0	1	1.47	2/7/2019 15:10
128	Main office area	C	Ramp wall	Top	Wood	White	Intact	< LOD	0.0	1	1.47	2/7/2019 15:11
129	Main office area	D	Window	Casing	Metal	White	Intact	0.2	0.1	4.19	4.24	2/7/2019 15:12
130	Main office area	D	Window	Frame	Metal	White	Intact	< LOD	0.1	1.53	2.78	2/7/2019 15:13
131	Main office area	D	Window	Sill	Wood	White	Intact	< LOD	0.1	3.12	3.77	2/7/2019 15:13
132	Main office area	D	Wall	--	Plaster	White	Intact	< LOD	0.0	1.41	2.63	2/7/2019 15:14
133	Main office area	C	Wall	--	Plaster	White	Intact	< LOD	0.0	1	2.62	2/7/2019 15:15
134	Main office area	C	Door	--	Metal	White	Intact	< LOD	0.0	1	1.48	2/7/2019 15:15
135	Main office area	C	Door	Casing	Metal	White	Intact	< LOD	0.0	1	2.13	2/7/2019 15:16
136	0.0 calibration							< LOD	0.0	1	1.97	2/7/2019 15:37
137	0.7 calibration							0.7	0.1	1.06	3.61	2/7/2019 15:38

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Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
138	1.6 calibration							1.5	0.2	1.12	3.76	2/7/2019 15:38
139	Shutter calibration							2.0	0.0		146.4	2/8/2019 10:34
140	3.5 calibration							3.7	0.3	1.29	6.06	2/8/2019 10:41
141	1.6 calibration							1.5	0.3	1.11	2.29	2/8/2019 10:41
142	0.0 calibration							< LOD	0.4	1	0.82	2/8/2019 10:41
143	0.0 calibration							< LOD	0.9	1	0.16	2/8/2019 10:41
144	0.3 calibration							0.3	0.1	1.01	2.46	2/8/2019 10:42
145	Audit Room 1	A	Door	Casing	Metal	Tan/Beige	Intact	< LOD	0.0	1	1.47	2/8/2019 10:58
146	Audit Room 1	A	Door	--	Metal	Tan/Beige	Intact	< LOD	0.0	1	1.47	2/8/2019 10:58
147	Audit Room 1	A	Wall	--	Plaster	White	Intact	8.1	3.0	10	2.44	2/8/2019 10:59
148	Audit Room 1	B	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.47	2/8/2019 11:00
149	Audit Room 1	D	Wall	--	Plaster	Tan/Beige	Intact	9.1	3.3	10	2.3	2/8/2019 11:00
150	Audit Room 1	D	Window	Casing	Metal	White	Intact	5.5	3.1	5.39	1.96	2/8/2019 11:01
151	Audit Room 1	D	Window	Sill	Wood	White	Defective	8.8	1.6	10	3.44	2/8/2019 11:02
152	Audit Room 1	D	Window	Sash int	Metal	White	Defective	5.8	2.7	6.89	2.44	2/8/2019 11:03
153	Audit Room 1	D	Pipe	--	Metal	White	Intact	< LOD	0.1	2.64	3.28	2/8/2019 11:04
154	Elections Enforcement Office	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	2.44	2/8/2019 11:08
155	Audit Unit 4	A	Wall	--	Transite	White	Intact	< LOD	0.1	3.52	3.91	2/8/2019 11:18
156	Audit Unit 4	C	Radiator	--	Metal	Tan/Beige	Intact	< LOD	0.1	1.18	2.44	2/8/2019 11:21
157	Audit Unit 4	C	Window	Casing	Metal	Tan/Beige	Intact	< LOD	0.1	4.17	1.14	2/8/2019 11:21
158	Audit Unit 4	C	Window	Sill	Wood	White	Intact	8.7	3.8	6.19	1.47	2/8/2019 11:22
159	Audit Unit 4	C	Window	Sash int	Metal	White	Defective	5.4	2.9	3.59	1.96	2/8/2019 11:23
160	Elections Enforcement	--	Column	--	Plaster	White	Intact	6.7	2.9	10	2.29	2/8/2019 11:26
161	Lunch Room 15	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.47	2/8/2019 11:29
162	Lunch Room 15	C	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.31	2/8/2019 11:29
163	Lunch Room 15	--	Column	--	Plaster	White	Intact	7.5	3.2	10	2.14	2/8/2019 11:30
164	Lunch Room 15	C	Door	--	Wood	Tan/Beige	Intact	< LOD	0.0	5.02	6.07	2/8/2019 11:31
165	Lunch Room 15	C	Door	Casing	Metal	Brown	Intact	< LOD	0.0	1	1.47	2/8/2019 11:31
166	Public Finance Hall	--	Ceiling	--	Metal	White	Intact	< LOD	0.0	1.58	3.43	2/8/2019 11:39
167	Elections Enforcement Offices	--	Ceiling	--	Metal	White	Intact	< LOD	0.1	2.29	1.31	2/8/2019 11:42
168	Elections Enforcement Offices	--	Ceiling	--	Metal	White	Intact	< LOD	0.0	1.36	3.94	2/8/2019 11:42
169	Former toilet kitchen	A	Wall	--	Sheetrock	Yellow	Intact	< LOD	0.1	5.2	4.09	2/8/2019 11:47
170	Former toilet kitchen	A	Wall	--	Plaster	Yellow	Intact	2.2	1.0	7.31	4.08	2/8/2019 11:48
171	Former toilet kitchen	C	Door	Casing	Wood	White	Intact	6.5	3.3	5.98	1.64	2/8/2019 11:49
172	North stairs	A	Wall	--	Plaster	Grey	Intact	5.5	2.5	10	2.62	2/8/2019 11:51

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Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
173	North stairs	B	Window	Casing	Metal	White	Defective	6.8	3.1	4.43	2.13	2/8/2019 11:52
174	North stairs	B	Window	Sill	Wood	White	Defective	6.9	3.2	6	1.8	2/8/2019 11:53
175	North stairs	--	Stair	Tread	Metal	White	Intact	5.2	3.1	4.6	1.96	2/8/2019 11:54
176	North stairs	--	Stair	Riser	Metal	White	Intact	4.9	2.1	4.4	1.31	2/8/2019 11:55
177	North stairs	--	Stair	Stringer	Metal	White	Intact	6.5	3.0	5.23	2.3	2/8/2019 11:57
178	North stairs	--	Stair	Handrail	Wood	Black	Intact	< LOD	0.1	1	1.96	2/8/2019 11:59
2nd Floor												
179	North stairs corridor	B	Wall	--	Plaster	Tan/Beige	Intact	7.0	3.3	10	1.96	2/8/2019 12:11
180	North stairs corridor	B	Door	--	Wood	Tan/Beige	Intact	< LOD	0.0	1	1.47	2/8/2019 12:12
181	North stairs corridor	B	Door	Casing	Wood	Tan/Beige	Intact	2.5	0.9	9.04	3.62	2/8/2019 12:12
182	North stairs corridor	B	Door	--	Metal	Tan/Beige	Intact	< LOD	0.0	1.37	1.79	2/8/2019 12:13
183	North stairs corridor	C	Door	Casing	Metal	Tan/Beige	Intact	< LOD	0.0	1	1.47	2/8/2019 12:13
184	North stairs corridor closet	B	Wall	--	Plaster	Blue	Intact	0.3	0.1	2.15	3.91	2/8/2019 12:15
185	Ethics Commission Conference	B	Wall	--	Plaster	White	Intact	7.5	4.0	10	1.47	2/8/2019 12:21
186	Ethics Commission Conference	B	Window	Casing	Metal	White	Intact	7.7	4.6	7.35	1.3	2/8/2019 12:21
187	Ethics Commission Conference	B	Window	Sill	Wood	White	Intact	9.1	3.6	10	1.8	2/8/2019 12:22
188	Ethics Commission Conference	B	Radiator	Sill	Metal	White	Intact	< LOD	0.0	1.35	3.43	2/8/2019 12:22
189	Ethics Commission Conference	D	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.47	2/8/2019 12:23
190	Ethics Commission Conference	D	Door	Jamb	Wood	White	Intact	< LOD	0.0	1	1.31	2/8/2019 12:24
191	Ethics Commission Conference	D	Door	--	Wood	White	Intact	< LOD	0.0	1	1.8	2/8/2019 12:24
192	Ethics Commission Conference	D	Door	Casing	Wood	White	Intact	< LOD	0.0	1	1.47	2/8/2019 12:24
193	Ethics Commission open area	--	Column	Casing	Plaster	White	Intact	6.8	3.9	10	1.47	2/8/2019 12:26
194	Ethics Commission open area	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	3.26	2/8/2019 12:27
195	Ethics Commission Lunchroom	A	Wall	--	Plaster	White	Intact	< LOD	0.0	1	3.75	2/8/2019 12:32
196	Ethics Commission Lunchroom	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	2.61	2/8/2019 12:32
197	Ethics Commission Lunchroom	A	Column	--	Plaster	White	Intact	< LOD	0.2	5.23	2.63	2/8/2019 12:33
198	Ethics Commission Lunchroom	A	Column	--	Plaster	White	Intact	< LOD	0.0	3.11	9.01	2/8/2019 12:34
199	Ethics Commission Lunchroom	D	Door	--	Metal	White	Intact	< LOD	0.0	1	1.47	2/8/2019 12:36
200	Ethics Commission Lunchroom	D	Door	Casing	Metal	White	Intact	< LOD	0.0	1	1.47	2/8/2019 12:36
201	Ethics Commission CD corner office	B	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	3.26	2/8/2019 12:41
202	Ethics Commission CD corner office	C	Wall	--	Plaster	White	Intact	5.3	3.0	10	2.11	2/8/2019 12:41
203	Ethics Commission CD corner office	C	Window	Casing	Metal	White	Defective	6.9	4.1	9.7	1.47	2/8/2019 12:42
204	Ethics Commission CD corner office	C	Window	Sash mt	Metal	White	Defective	< LOD	0.2	6.77	4.43	2/8/2019 12:42
205	Ethics Commission CD corner office	C	Window	Sill	Wood	White	Defective	7.5	3.7	10	1.47	2/8/2019 12:43
206	Ethics Commission CD corner office	C	Radiator	Sill	Metal	White	Intact	< LOD	0.0	1.07	2.62	2/8/2019 12:44

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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 #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
207	Ethics Commission CD corner office	C	Radiator	Sill	Metal	White	Intact	< LOD	0.1	1.5	2.94	2/8/2019 12:44
208	3.5 calibration	--	--	--	--	--	Intact	3.6	0.3	1.28	5.57	2/8/2019 13:01
209	1.6 calibration	--	--	--	--	--	Intact	1.4	0.3	1.09	3.11	2/8/2019 13:01
210	0.3 calibration	--	--	--	--	--	Intact	0.3	0.1	1	3.11	2/8/2019 13:02
211	Hearing Room hall	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	2.12	2/8/2019 14:27
212	Hearing Room hall	C	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1.7	3.77	2/8/2019 14:27
213	Hearing Room hall	C	Door	--	Metal	Tan/Beige	Intact	< LOD	0.0	1.19	1.3	2/8/2019 14:28
214	Hearing Room hall	C	Door	Casing	Metal	Tan/Beige	Intact	< LOD	0.0	1	1.3	2/8/2019 14:28
215	Hearing Room hall	C	Door	Casing	Metal	White	Intact	< LOD	0.0	2.64	4.4	2/8/2019 14:29
216	Hearing Room hall	A	Door	--	Wood	White	Intact	< LOD	0.1	2.61	3.6	2/8/2019 14:30
217	Latino Affairs CD corner office	A	Wall	--	Plaster	White	Intact	< LOD	0.0	1	2.93	2/8/2019 14:58
218	Latino Affairs CD corner office	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.96	2/8/2019 14:59
219	Latino Affairs CD corner office	D	Wall	--	Plaster	White	Intact	< LOD	0.1	3.4	4.1	2/8/2019 14:59
220	Latino Affairs CD corner office	D	Window	Casing	Wood	White	Intact	17.2	6.0	8.17	1.31	2/8/2019 15:00
221	Latino Affairs CD corner office	D	Window	Sill	Wood	White	Intact	< LOD	0.2	4.77	3.77	2/8/2019 15:01
222	Latino Affairs CD corner office	D	Window	Sill	Wood	White	Intact	0.2	0.1	4.29	3.6	2/8/2019 15:01
223	Latino Affairs CD corner office	B	Door	--	Wood	White	Intact	< LOD	0.0	1	1.46	2/8/2019 15:02
224	Latino Affairs CD corner office	B	Door	Stop	Wood	White	Intact	< LOD	0.0	1	1.3	2/8/2019 15:03
225	Latino Affairs CD corner office	--	Column	--	Plaster	White	Intact	< LOD	0.0	2.01	8.52	2/8/2019 15:07
226	Status of Women	B	Column	--	Plaster	White	Intact	< LOD	0.0	1	2.29	2/8/2019 15:10
227	Status of Women	B	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	1.63	2/8/2019 15:10
228	Status of Women BC corner room	B	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	3.1	2/8/2019 15:12
229	Status of Women BC corner room	B	Wall	--	Plaster	White	Intact	< LOD	0.1	2.54	3.92	2/8/2019 15:13
230	Status of Women BC corner room	B	Window	Casing	Wood	White	Intact	17.7	6.7	8.88	1.14	2/8/2019 15:14
231	Status of Women BC corner room	B	Window	Casing	Wood	White	Intact	< LOD	0.1	3.07	3.44	2/8/2019 15:14
232	Status of Women BC corner room	B	Window	Sash Int	Wood	White	Intact	< LOD	0.3	6.8	3.61	2/8/2019 15:15
233	Status of Women BC corner room	B	Radiator	--	Metal	White	Intact	< LOD	0.1	2.14	3.6	2/8/2019 15:15
234	Status of Women BC corner room	D	Door	--	Wood	White	Intact	< LOD	0.0	1	1.48	2/8/2019 15:16
235	Status of Women BC corner room	D	Door	--	Wood	White	Intact	< LOD	0.0	1	1.3	2/8/2019 15:16
236	Status of Women BC corner room	D	Door	Jamb	Wood	White	Intact	< LOD	0.0	1	1.47	2/8/2019 15:17
237	Status of Women BC corner room	D	Door	Stop	Wood	White	Intact	< LOD	0.0	1	1.64	2/8/2019 15:17
238	Status of Women BC corner room	D	Door	Casing	Wood	White	Intact	< LOD	0.0	1	1.47	2/8/2019 15:17
239	A side stairs	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	2.43	4.09	2/8/2019 15:21
240	A side stairs	A	Stair	Riser	Metal	Black	Defective	1.8	0.4	1.1	1.8	2/8/2019 15:24
241	A side stairs	A	Stair	Stringer	Metal	Black	Defective	8.5	5.3	1.46	1.15	2/8/2019 15:25

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Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
242	A side stairs	A	Stair	Side wall/edge	Sheetrock	White	Intact	< LOD	0.0	1.81	3.61	2/8/2019 15:27
243	A side stairs	A	Stair	Side wall/top	Wood	White	Intact	< LOD	0.1	2.08	3.75	2/8/2019 15:28
244	A side stairs	C	Door	--	Metal	Brown	Intact	< LOD	0.0	1	1.31	2/8/2019 15:28
245	A side stairs	C	Door	Casing	Metal	Tan/Beige	Intact	< LOD	0.1	2.32	3.42	2/8/2019 15:29
246	A side stairs	C	Wall	Trimwork	Sheetrock	White	Intact	< LOD	0.0	1	1.64	2/8/2019 15:30
247	A side stairs	C	Wall	Trimwork	Sheetrock	White	Intact	< LOD	0.0	1	1.31	2/8/2019 15:30
248	A side Conference Room	A	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1	2.61	2/8/2019 15:42
249	A side Conference Room	A	Window	Casing	Wood	White	Intact	< LOD	0.1	3.47	4.08	2/8/2019 15:43
250	A side Conference Room	A	Window	Sash int	Metal	White	Intact	< LOD	1.0	4.34	7.5	2/8/2019 15:45
251	A side Conference Room	A	Window	Sash int	Metal	White	Intact	< LOD	0.1	2.57	4.08	2/8/2019 15:45
252	A side Conference Room	C	Wall	--	Sheetrock	White	Intact	< LOD	0.0	1.78	4.58	2/8/2019 15:46
253	A side Conference Room	C	Door	--	Wood	White	Intact	< LOD	0.0	3.12	7.51	2/8/2019 15:47
254	A side Conference Room	C	Door	Jamb	Metal	White	Intact	< LOD	0.0	1.99	3.6	2/8/2019 15:48
255	Men's Bathroom	A	Wall	--	Plaster	White	Intact	1.9	0.9	5.93	4.75	2/8/2019 16:09
256	Men's Bathroom	A	Window	Casing	Wood	White	Intact	3.8	2.4	10	2.44	2/8/2019 16:10
257	Men's Bathroom	A	Window	Sill	Wood	White	Intact	5.7	2.4	10	2.46	2/8/2019 16:11
258	Men's Bathroom	A	Window	Sash int	Wood	White	Intact	< LOD	0.6	6.73	16.48	2/8/2019 16:12
259	Men's Bathroom	D	Wall	--	Plaster	White	Intact	2.8	1.2	10	3.42	2/8/2019 16:13
260	3.5 calibration	--	--	--	--	--	--	3.5	0.6	1.27	2.13	2/8/2019 16:15
261	1.6 calibration	--	--	--	--	--	--	1.5	0.3	1.12	1.97	2/8/2019 16:16
262	0.3 calibration	--	--	--	--	--	--	0.4	0.1	1.23	6.06	2/8/2019 16:16
1st Floor												
263	Shutter calibration										146.28	2/12/2019 9:22
264	0.0 calibration							0.0	0.0	1	1.79	2/12/2019 9:25
265	1.6 calibration							1.6	0.1	1.16	5.21	2/12/2019 9:25
266	0.3 calibration							0.3	0.1	1.01	3.75	2/12/2019 9:26
267	Hall next to Hearing Room	A	Wall		Sheetrock	White	Intact	0.0	0.0	1	1.46	2/12/2019 9:31
268	Hall next to Hearing Room	C	Wall		Sheetrock	White	Intact	0.0	0.0	3.14	7.97	2/12/2019 9:32
269	Hall next to Hearing Room	C	Wall	Fire hose	Metal	Red	Intact	0.0	0.0	1.88	7	2/12/2019 9:34
270	Hall next to Hearing Room	C	Door	Frame	Metal	Grey	Intact	0.0	0.0	1	1.47	2/12/2019 9:35
271	Hall next to Hearing Room	C	Door	Door	Metal	Grey	Intact	0.0	0.0	1	1.46	2/12/2019 9:36
272	Hall next to Hearing Room	C	Radiator		Metal	White	Intact	-0.2	0.4	6.58	17.92	2/12/2019 9:38
273	Hall next to Hearing Room	C	Radiator		Metal	White	Intact	0.1	0.0	2.76	7.83	2/12/2019 9:39
274	Freedom of Information Office	B	Wall		Sheetrock	Tan/Beige	Intact	0.0	0.0	1.39	4.23	2/12/2019 9:42
275	Freedom of Information Office	A	Wall		Sheetrock	Tan/Beige	Intact	0.0	0.0	1	2.61	2/12/2019 9:43

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Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
276	Freedom of Information Office	C	Door	Frame	Metal	White	Intact	0.0	0.0	1	1.46	2/12/2019 9:44
277	Freedom of Information Office	D	Door	Frame	Metal	White	Intact	0.0	0.0	1	1.46	2/12/2019 9:46
278	Freedom of Information Office	A	Door		Wood	White	Intact	0.1	0.1	5.21	7.79	2/12/2019 9:47
279	Freedom of Information Office	A	Door		Metal	White	Intact	0.0	0.0	1	1.29	2/12/2019 9:48
280	Freedom of Information Office	D	Radiator		Metal	White	Intact	0.0	0.0	2.26	4.73	2/12/2019 9:52
281	Freedom of Information Office	A	Radiator		Metal	White	Intact	0.0	0.0	5.09	8.27	2/12/2019 9:53
282	Freedom of Information Office	A	Window	Frame	Metal	White	Intact	-0.1	0.5	10	11.54	2/12/2019 9:55
283	Freedom of Information Office	A	Window	Frame	Metal	White	Intact	0.0	0.0	3.6	5.19	2/12/2019 9:56
284	Freedom of Information Office	A	Window	Frame	Metal	White	Intact	0.1	0.1	4.79	7	2/12/2019 9:57
285	Front Entry stairwell	A	Wall	--	Plaster	White	Intact	0.0	0.0	1	1.3	2/12/2019 10:01
286	Front Entry stairwell	A	Wall	--	Plaster	White	Intact	0.0	0.0	1.08	2.77	2/12/2019 10:02
287	Front Entry stairwell	C	Wall	--	Plaster	White	Intact	0.0	0.0	2.22	6.68	2/12/2019 10:03
288	Front Entry stairwell	C	Door	Frame	Metal	Grey	Intact	0.0	0.0	2.18	3.74	2/12/2019 10:04
289	Front Entry stairwell	C	Door	--	Metal	Grey	Intact	0.0	0.0	1.8	1.46	2/12/2019 10:05
290	Front Entry stairwell	A	Door	--	Metal	Tan/Beige	Intact	0.0	0.0	1.65	4.71	2/12/2019 10:06
291	Front Entry stairwell	A	Door	--	Metal	Tan/Beige	Intact	0.0	0.0	1	0.65	2/12/2019 10:06
292	Front Entry stairwell	A	Door	--	Wood	Tan/Beige	Intact	0.0	0.0	1.06	1.46	2/12/2019 10:06
293	Corridor South of Hearing Room	D	Door	Frame	Wood	Grey	Intact	2.6	0.5	5.52	5.85	2/12/2019 10:12
294	Corridor South of Hearing Room	D	Door	Frame	Wood	Grey	Intact	0.7	0.2	5.06	5.86	2/12/2019 10:13
295	Corridor South of Hearing Room	B	Door	Frame	Wood	Grey	Intact	0.0	0.0	1	1.47	2/12/2019 10:15
296	Corridor South of Hearing Room	B	Door	Frame	Metal	Grey	Intact	0.0	0.0	1	1.46	2/12/2019 10:15
297	Corridor South of Hearing Room	D	Door		Metal	Grey	Intact	0.0	0.0	1	1.8	2/12/2019 10:17
298	Corridor South of Hearing Room	D	Door		Metal	Grey	Intact	0.0	0.0	1	1.46	2/12/2019 10:17
299	Men's Toilets	D	Door		Metal	Grey	Intact	0.0	0.0	2.14	2.11	2/12/2019 10:19
300	Men's Toilets	D	Door	Frame	Wood	Grey	Intact	3.2	0.6	5.63	9.11	2/12/2019 10:21
301	Men's Toilets	A	Wall		Plaster	Green	Intact	4.6	0.8	5.37	8.6	2/12/2019 10:21
302	Men's Toilets	C	Wall		Plaster	Green	Intact	2.8	0.7	6.18	7.81	2/12/2019 10:22
303	Men's Toilets	C	Window	Sill	Wood	Tan/Beige	Intact	4.3	0.8	9.7	7	2/12/2019 10:23
304	Men's Toilets	A	Window	Frame	Wood	Tan/Beige	Intact	0.1	0.2	6.74	2.92	2/12/2019 10:24
305	Men's Toilets	A	Window	Frame	Wood	Tan/Beige	Intact	0.3	0.6	10	8.44	2/12/2019 10:25
306	Men's Toilets	A	Window	Frame	Wood	Tan/Beige	Intact	0.1	0.1	5.39	8.3	2/12/2019 10:26
307	Men's Toilets	C	STALLS		Metal	Tan/Beige	Intact	1.0	0.2	5.12	8.31	2/12/2019 10:27
308	Men's Toilets	C	STALLS		Metal	Tan/Beige	Intact	1.3	0.3	6.29	7.49	2/12/2019 10:28
309	Men's Toilets	C	STALLS	Door	Metal	Tan/Beige	Intact	1.3	0.2	5.1	7.63	2/12/2019 10:29
310	Men's Toilets	A	Radiator	Door	Metal	White	Intact	0.0	0.0	1.06	4.07	2/12/2019 10:32

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Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
311	Stairs next to Men's Room	A	Wall	--	Plaster	White	Intact	3.5	0.8	10	6.66	2/12/2019 10:35
312	Stairs next to Men's Room	C	Wall	--	Plaster	White	Intact	2.4	0.8	6.14	6.83	2/12/2019 10:36
313	Stairs next to Men's Room	C	Railing	--	Metal	White	Intact	4.5	0.6	3.15	3.9	2/12/2019 10:37
314	Stairs next to Men's Room	D	Railing	--	Metal	White	Intact	4.9	0.6	2.66	3.74	2/12/2019 10:37
315	Stairs next to Men's Room	D	Window	Sill	Wood	White	Intact	6.5	1.3	4.91	4.07	2/12/2019 10:38
316	Stairs next to Men's Room	D	Window	Frame	Wood	White	Intact	0.1	0.1	4.58	5.04	2/12/2019 10:39
317	Stairs next to Men's Room	D	Window	Frame	Wood	White	Intact	0.2	0.1	5.31	6.18	2/12/2019 10:40
318	Stairs next to Men's Room	A	Radiator		Metal	White	Intact	0.0	0.0	1	3.26	2/12/2019 10:41
319	Stairs next to Men's Room	B	Door		Metal	White	Intact	0.0	0.0	1	1.46	2/12/2019 10:41
320	Stairs next to Men's Room	B	Door	Frame	Metal	White	Intact	0.4	0.1	1.3	3.73	2/12/2019 10:42
321	State Election Enforcement Office	D	Door	Frame	Metal	Grey	Intact	0.0	0.0	1	1.31	2/12/2019 10:46
322	State Election Enforcement Office	B	Door	Frame	Metal	Grey	Intact	0.0	0.0	1	1.47	2/12/2019 10:46
323	State Election Enforcement Office	B	Door		Metal	Grey	Intact	0.0	0.0	1	1.64	2/12/2019 10:47
324	State Election Enforcement Office	A	Door		Metal	Grey	Intact	0.0	0.0	1	1.47	2/12/2019 10:47
325	State Election Enforcement Office	A	Wall		Sheetrock	White	Intact	0.0	0.0	1	1.46	2/12/2019 10:48
326	State Election Enforcement Office	C	Wall		Sheetrock	White	Intact	0.0	0.0	1	1.46	2/12/2019 10:48
327	State Election Enforcement Office	C	Window	Sill	Wood	White	Intact	9.1	1.6	10	3.74	2/12/2019 10:51
328	State Election Enforcement Office	B	Window	Sill	Wood	White	Intact	7.2	1.4	10	3.72	2/12/2019 10:52
329	State Election Enforcement Office	B	Window	Frame	Wood	White	Intact	0.3	0.5	10	1.78	2/12/2019 10:53
330	State Election Enforcement Office	B	Window	Frame	Wood	White	Intact	0.1	0.5	6.88	0.81	2/12/2019 10:53
331	State Election Enforcement Office	B	Window	Frame	Wood	White	Intact	0.3	0.2	10	5.69	2/12/2019 10:53
332	State Election Enforcement Office	B	Window	Frame	Wood	White	Intact	6.7	1.6	10	3.58	2/12/2019 10:54
333	State Election Enforcement Office	C	Window	Frame	Wood	White	Intact	8.1	2.9	10	2.77	2/12/2019 10:54
334	State Election Enforcement Office	C	Radiator		Metal	White	Intact	0.0	0.0	1	2.93	2/12/2019 10:55
335	State Election Enforcement Office	B	Radiator		Metal	White	Intact	0.0	0.0	1.21	3.57	2/12/2019 10:56
336	Corridor next to Women's Room	B	Wall		Plaster	White	Intact	0.5	0.2	9.99	7	2/12/2019 11:00
337	Corridor next to Women's Room	B	Wall		Plaster	White	Intact	3.6	0.9	10	5.85	2/12/2019 11:01
338	Corridor next to Women's Room	C	Wall		Sheetrock	White	Intact	0.0	0.0	1	2.59	2/12/2019 11:02
339	Corridor next to Women's Room	A	Wall		Sheetrock	White	Intact	4.4	1.1	10	4.55	2/12/2019 11:03
340	Corridor next to Women's Room	B	Wall		Plaster	White	Intact	5.0	1.1	10	4.55	2/12/2019 11:04
341	Corridor next to Women's Room	A	Door		Metal	Grey	Intact	0.0	0.0	1	1.63	2/12/2019 11:05
342	Corridor next to Women's Room	B	Door		Metal	Grey	Intact	0.0	0.0	1	1.47	2/12/2019 11:05
343	Corridor next to Women's Room	B	Door	Frame	Wood	Grey	Intact	2.1	0.6	8.47	9.78	2/12/2019 11:06
344	Corridor next to Women's Room	B	Door	Frame	Wood	Grey	Intact	4.6	7.8	8.57	0.32	2/12/2019 11:06
345	Corridor next to Women's Room	B	Door	Frame	Wood	Grey	Intact	3.8	2.5	10	1.78	2/12/2019 11:07

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Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
346	Corridor next to Women's Room	B	Door	Frame	Wood	Grey	Intact	4.2	0.8	10	6	2/12/2019 11:07
347	Corridor next to Women's Room	D	Door	Frame	Wood	Tan/Beige	Intact	0.0	0.0	1	0.81	2/12/2019 11:08
348	Corridor next to Women's Room	D	Door	Frame	Metal	Tan/Beige	Intact	0.0	0.0	1	1.47	2/12/2019 11:08
349	Corridor next to Women's Room	A	Wall		Plaster	White	Intact	1.0	0.5	10	12.15	2/12/2019 11:10
350	Corridor next to Women's Room	A	Wall		Plaster	White	Intact	2.4	0.8	8.71	6.19	2/12/2019 11:11
351	Corridor next to Women's Room	B	Wall		Plaster	White	Intact	2.9	0.8	10	6.49	2/12/2019 11:11
352	Corridor next to Women's Room	B	Railing		Metal	White	Intact	4.4	2.4	2.72	0.82	2/12/2019 11:12
353	Corridor next to Women's Room	B	Railing		Metal	White	Intact	4.9	0.7	3.14	3.41	2/12/2019 11:12
354	Corridor next to Women's Room	C	Railing		Metal	White	Intact	4.8	0.8	3.75	3.4	2/12/2019 11:13
355	Corridor next to Women's Room	A	Radiator		Metal	White	Intact	0.0	0.0	1.11	4.54	2/12/2019 11:13
356	Corridor next to Women's Room	B	Window	Sill	Wood	White	Intact	9.0	1.5	5.56	3.75	2/12/2019 11:14
357	Corridor next to Women's Room	B	Window	Frame	Wood	White	Intact	7.9	3.6	5.86	1.95	2/12/2019 11:15
358	Corridor next to Women's Room	D	Door	Frame	Metal	White	Intact	0.0	0.0	1	1.31	2/12/2019 11:15
359	Corridor next to Women's Room	D	Door	Frame	Metal	White	Intact	0.9	0.1	1.7	11.86	2/12/2019 11:16
360	Women's Room	D	Door	Frame	Wood	White	Intact	3.5	0.9	10	4.87	2/12/2019 11:20
361	Women's Room	D	Door		Wood	White	Intact	0.0	0.0	1.81	3.08	2/12/2019 11:20
362	Women's Room	A	Wall		Plaster	Tan/Beige	Intact	5.0	1.2	10	4.56	2/12/2019 11:21
363	Women's Room	B	Wall		Plaster	Tan/Beige	Intact	3.1	0.8	8.97	6.18	2/12/2019 11:22
364	Women's Room	A	Window	Sill	Wood	White	Intact	5.3	1.2	10	4.06	2/12/2019 11:23
365	Women's Room	A	Window	Frame	Wood	White	Intact	0.1	0.1	4.08	4.72	2/12/2019 11:24
366	Women's Room	C	Stalls	Door	Metal	White	Intact	0.8	0.2	5.28	7.18	2/12/2019 11:26
367	Women's Room	C	Stalls	Wall	Metal	White	Intact	1.5	0.3	7.86	9.28	2/12/2019 11:27
368	Women's Room	C	Stalls	Door	Plaster	White	Intact	1.2	0.2	8.32	17.52	2/12/2019 11:28
369	Corridor next to Men's Room	A	Wall		Plaster	White	Intact	5.4	1.4	10	3.57	2/12/2019 11:30
370	Corridor next to Men's Room	B	Wall		Sheetrock	White	Intact	0.0	0.0	1	1.63	2/12/2019 11:30
371	Corridor next to Men's Room	D	Wall		Plaster	White	Intact	5.4	1.4	10	3.57	2/12/2019 11:31
Ground Floor												
372	Lunchroom	A	Wall		Brick	White	Intact	2.8	0.8	10	6.51	2/12/2019 11:41
373	Lunchroom	C	Wall		Brick	White	Intact	2.3	0.6	10	9.14	2/12/2019 11:41
374	Lunchroom	B	Window	Sill	Wood	White	Intact	3.2	0.8	9.19	5.35	2/12/2019 11:44
375	Lunchroom	B	Window	Frame	Wood	White	Intact	1.6	0.6	10	4.06	2/12/2019 11:45
376	Lunchroom	B	Window	Frame	Wood	White	Intact	1.2	5.0	10	0.16	2/12/2019 11:45
377	Lunchroom	B	Window	Frame	Wood	White	Intact	1.5	0.4	8.67	10.38	2/12/2019 11:46
378	Lunchroom	A	Wall		Wood	White	Intact	0.0	0.0	1.62	2.77	2/12/2019 11:46
379	Lunchroom	A	Door	Frame	Metal	Grey	Intact	0.0	0.0	1	1.46	2/12/2019 11:47

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 #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm ²)	Precision (mg/cm ²)	Depth Index	Duration (sec)	Date/Time
380	B-side Offices	B	Wall		Brick	Grey	Intact	13.7	4.0	10	2.29	2/12/2019 11:51
381	B-side Offices	A	Wall		Brick	Grey	Intact	13.4	4.4	10	1.94	2/12/2019 11:52
382	B-side Offices	C	Wall		Sheetrock	White	Intact	0.0	0.0	1	1.95	2/12/2019 11:53
383	B-side Offices	C	Wall		Sheetrock	White	Intact	0.0	0.0	1	1.46	2/12/2019 11:53
384	B-side Offices	B	Door		Metal	Grey	Intact	0.0	0.0	1	1.29	2/12/2019 11:54
385	B-side Offices	B	Door	Frame	Metal	Grey	Intact	0.0	0.0	1.44	1.46	2/12/2019 11:55
386	A-side corridor near stairs	C	Wall		Plaster	Grey	Intact	2.5	2.1	10	1.3	2/12/2019 11:59
387	A-side corridor near stairs	C	Wall		Plaster	Grey	Intact	3.0	0.9	10	5.19	2/12/2019 12:00
388	A-side corridor near stairs	A	Wall		Plaster	Grey	Intact	1.8	0.6	10	9.08	2/12/2019 12:01
389	Men's Room	B	Wall		Sheetrock	White	Intact	0.0	0.0	1	2.91	2/12/2019 12:03
390	Women's Room	A	Wall		Sheetrock	White	Intact	0.0	0.0	1	1.47	2/12/2019 12:05
391	Women's Room	D	Window		Wood	White	Intact	0.0	0.0	1	1.46	2/12/2019 12:06
392	Women's Room	D	Window	Frame	Wood	White	Intact	0.1	0.1	2.63	4.86	2/12/2019 12:06
393	A-side stairs	B	Wall		Plaster	White	Intact	0.0	0.0	1.15	3.73	2/12/2019 12:09
394	A-side stairs	D	Wall		Plaster	White	Intact	0.0	0.0	1.04	1.96	2/12/2019 12:10
395	A-side stairs	D	Wall		Plaster	White	Intact	0.0	0.0	1	3.24	2/12/2019 12:10
396	Mailing & Print Services area	A	Wall		Sheetrock	White	Intact	0.0	0.0	1	1.94	2/12/2019 12:16
397	Mailing & Print Services area	A	Wall		Sheetrock	Blue	Intact	0.0	0.0	1	1.79	2/12/2019 12:17
398	Mailing & Print Services area	B	Wall		Sheetrock	White	Intact	0.0	0.0	1	2.11	2/12/2019 12:17
399	Mailing & Print Services area	B	Wall		Brick	White	Intact	0.1	0.1	8.48	4.87	2/12/2019 12:18
400	Mailing & Print Services area	B	Wall		Brick	White	Intact	0.9	0.5	7.76	7.95	2/12/2019 12:19
401	Mailing & Print Services area	C	Wall		Brick	White	Intact	0.8	0.7	5.24	5.36	2/12/2019 12:20
402	Mailing & Print Services area	C	Wall		Brick	White	Intact	0.3	0.5	5.68	11.69	2/12/2019 12:21
403	Mailing & Print Services area	A	Wall		Concrete	White	Intact	0.5	0.4	6.12	17.74	2/12/2019 12:23
404	Mailing & Print Services area	C	Window	Sill	Wood	White	Intact	0.2	0.7	3	5.84	2/12/2019 12:25
405	Mailing & Print Services area	C	Window	Sill	Wood	White	Intact	0.1	0.0	3.55	9.75	2/12/2019 12:26
406	Mailing & Print Services area	C	Window	Frame	Wood	White	Intact	4.2	1.2	5.45	4.23	2/12/2019 12:27
Basement												
407	Elevator Room	A	Wall		Concrete	White	Intact	0.0	0.0	2.26	3.24	2/12/2019 12:36
408	Elevator Room	A	Wall		Concrete	White	Intact	0.4	0.6	3.93	7.98	2/12/2019 12:37
409	Elevator Room	B	Wall		Concrete	White	Intact	0.4	0.5	2.62	12.53	2/12/2019 12:38
410	Elevator Room	D	Wall		Brick	White	Intact	0.0	0.0	1.95	3.41	2/12/2019 12:38
411	Elevator Room	D	Stair railing		Metal	White	Intact	2.0	0.5	1.5	2.12	2/12/2019 12:40
412	Elevator Room	D	Window	Frame	Wood	Black	Intact	3.4	0.8	2.66	2.44	2/12/2019 12:41
413	Elevator Room	C	Door	--	Metal	Grey	Intact	0.0	0.0	1	1.46	2/12/2019 12:47

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 #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
 Site: 18-20 Trinity Street, Hartford, Connecticut
 Project #: 325370-0000-0000
 Date(s): 2/7/19-2/8/19, 2/12/19
 Inspector: Brendan McClure, Zachary Smith

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
414	Elevator Room	C	Door	Frame	Metal	Grey	Intact	6.0	1.4	2.61	3.74	2/12/2019 12:48
415	Storage rooms & hallway	A	Wall	--	Sheetrock	White	Intact	0.0	0.0	1	1.46	2/12/2019 12:52
416	Storage rooms & hallway	C	Wall	--	Brick	White	Intact	0.1	0.0	1.93	9.57	2/12/2019 12:53
417	Storage rooms & hallway	C	Door	--	Metal	Grey	Intact	0.0	0.0	1	1.46	2/12/2019 12:54
418	Storage rooms & hallway	C	Door	Frame	Metal	Grey	Intact	0.0	0.0	1	1.47	2/12/2019 12:54
419	Storage rooms & hallway	A	Door	Frame	Metal	Black	Intact	0.0	0.0	1	1.46	2/12/2019 12:55
420	0.0 calibration							0.0	0.0	1	1.63	2/12/2019 12:59
421	1.6 calibration							1.7	0.1	1.2	8.77	2/12/2019 13:00
422	0.3 calibration							0.3	0.1	1	2.45	2/12/2019 13:00
423	Storage rooms & hallway	C	Wall		Concrete	Green	Intact	0.1	0.0	1.42	8.6	2/12/2019 13:04
424	Storage rooms & hallway	C	Window	Frame	Wood	Brown	Intact	2.7	0.7	2.54	2.75	2/12/2019 13:05
425	Storage rooms & hallway	C	Window	Frame	Wood	Brown	Intact	2.0	0.6	2.79	2.76	2/12/2019 13:07
426	Storage rooms & hallway	C	Wall		Concrete	Brown	Intact	0.1	0.0	1.69	10.08	2/12/2019 13:09
427	Storage rooms & hallway	A	Wall		Brick	Green	Intact	0.1	0.0	2.36	6.35	2/12/2019 13:10
428	Mech Room connected to stairs	B	Wall		Brick	Green	Intact	1.3	0.2	1.72	3.73	2/12/2019 13:10
429	Mech Room connected to stairs	B	Wall		Brick	White	Intact	0.0	0.0	1.69	5.53	2/12/2019 13:14
430	Mech Room connected to stairs	A	Wall		Concrete	Red	Intact	1.2	0.2	2.24	4.88	2/12/2019 13:15
431	Electrical Room	C	Window	Frame	Wood	Black	Intact	1.9	0.4	1.23	2.44	2/12/2019 13:17
432	Mech Room connected to stairs	B	Wall		Wood	Grey	Intact	0.5	0.4	10	6.67	2/12/2019 13:19
433	Stairwell connected to Mech Room	D	Door	Frame	Wood	Black	Intact	9.8	1.9	5.79	3.1	2/12/2019 13:21
434	Stairwell connected to Mech Room	C	Door		Wood	Black	Intact	8.9	1.8	6.93	3.41	2/12/2019 13:21
435	Stairwell connected to Mech Room	C	Railing		Metal	Black	Intact	3.6	0.7	4.6	3.42	2/12/2019 13:22
436	Stairwell connected to Mech Room	D	Wall		Concrete	White	Intact	2.0	0.6	2.86	2.6	2/12/2019 13:22
437	Stairwell connected to Mech Room	D	Door		Wood	Grey	Intact	7.6	1.6	3.7	3.57	2/12/2019 13:24
438	Boiler Room	A	Wall		Brick	Green	Intact	1.2	0.2	2.13	4.06	2/12/2019 13:25
439	Boiler Room	C	Wall		Concrete	Blue	Intact	1.6	0.3	3.98	4.39	2/12/2019 13:27
440	0.0 calibration							0.0	0.0	1	1.46	2/12/2019 13:29
441	1.6 calibration							1.7	0.2	1.22	3.9	2/12/2019 13:30
442	0.3 calibration							0.3	0.1	1.11	4.07	2/12/2019 13:30

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

APPENDIX F
RELATED CORRESPONDENCE

CTDAS/DCS, 18-20 Trinity Street, Hartford, , Hartford, 06106, CT, US, Trinity St, 18-20

Created 2019-01-31 17:22:45 UTC by Brendan McClure
Updated 2019-02-18 02:41:36 UTC by Carmen Jacko
Location 41.7632037487296, -72.6796521083919
Status ■ Survey Complete

Job Information

Site Name 18-20 Trinity Street
Address 18-20 Trinity St
Hartford, CT 06106
TRC Project Number 325370.0000.0001
Project Manager Donald LePage
Inspector(s) Pat Schaffner, Brendan McClure, Michael Stewart, Carmen Jacko
Client CTDAS/DCS
Type of Asbestos Survey Reno/Demo
PLM Turnaround Time (TAT) 48-hour
Date 2019-01-31
General Notes Utilize 2004 2005 2006 2008 2010 2011 asbestos inspections as applicable
Overview Photo



East side 42 windows



North side 59 windows



North side



West side 7 windows



South side 45 windows

EXECUTIVE SUMMARY

On November 2, 2005 TRC Environmental Corporation (TRC) of Windsor, Connecticut conducted an inspection for suspect asbestos-containing materials (ACM) at 18-20 Trinity Street in Hartford, Connecticut. The inspection was initiated prior to planned renovation activities in accordance with USEPA Asbestos National Emission Standard for Hazardous Air Pollutants (NESHAPS) requirements.

The scope of the inspection was limited to the first and fourth floor north and south wing mechanical rooms, and the third floor roof penthouse mechanical room at the facility. A Connecticut licensed asbestos inspector from TRC conducted the inspection in accordance with USEPA AHERA protocols and ASTM Standard E2156-04. Bulk samples of suspect materials were collected and analyzed via polarized light microscopy (PLM) methods at CTDPH/NVLAP accredited laboratories. ACM was identified as woven brown pipe wrap on the exterior of HVAC Unit FA8 in the 4th floor south mechanical room and as woven brown pipe wrap on the interior of HVAC Unit FA10 in the 3rd floor roof penthouse. ACM as woven brown pipe wrap is also assumed to be on the interior of HVAC Units FA6 and FA7 in the 4th floor north mechanical room. ACM to be impacted by renovation activities must be removed prior to disturbance in accordance with OSHA, USEPA, CTDPH, and CTDEP standards for asbestos abatement/disposal. Detailed results of the asbestos survey can be found in Tables 1-3 and Appendices A through D.

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
01	4 th floor south wing mechanical room HVAC Unit FA8	Brown woven pipe wrap located on the 2 exterior horizontal pipes on the side of the unit	40% Chrysotile
02	4 th floor south wing mechanical room HVAC Unit FA8	Brown woven pipe wrap located on the 2 exterior horizontal pipes on the side of the unit	NA/PS
03	4 th floor south wing mechanical room HVAC Unit FA8	Brown woven pipe wrap located on the 2 exterior horizontal pipes on the side of the unit	NA/PS
04	4 th floor north wing mechanical room HVAC Unit FA7	Brown corrugated pipe wrap located on the 2 short sections of pipe extruding from the front of the unit	ND<1%
05	4 th floor north wing mechanical room HVAC Unit FA7	Brown corrugated pipe wrap located on the 2 short sections of pipe extruding from the front of the unit	ND<1%
06	4 th floor north wing mechanical room HVAC Unit FA6	Brown corrugated pipe wrap located on the 2 short sections of pipe extruding from the front of the unit	ND<1%
07	3 rd floor roof penthouse HVAC Unit FA10	Brown woven pipe wrap located on the 2 interior sections of pipe that are inside the unit	80% Chrysotile
08	3 rd floor roof penthouse HVAC Unit FA10	Brown woven pipe wrap located on the 2 interior sections of pipe that are inside the unit	NA/PS
09	3 rd floor roof penthouse HVAC Unit FA10	Brown woven pipe wrap located on the 2 interior sections of pipe that are inside the unit	NA/PS

Material	Sampled-Assessed (m ² /yr)	General Location	NESHAP Category	AHERA Category	Estimated Quantity
Brown woven pipe wrap	Sampled 1105	4 th floor north wing mechanical room (HVAC Unit FAD)	Category I Non-Friable	Thermal System Insulation	12 LF
Brown woven pipe wrap	Sampled 1105	7 th floor roof penthouse (HVAC Unit FA11)	Category I Non-Friable	Thermal System Insulation	12 LF
Brown woven pipe wrap	Assessed 1105	4 th floor north wing mechanical room (HVAC Units FAD and FA7)	Category I Non-Friable	Thermal System Insulation	12 LF

** Roof tops have been completely exempted from OSHA Asbestos regulations and, as a Category I Non-friable material, do not need to be removed from a structure prior to renovation/demolition under EPA Asbestos NESHAP regulations and, as long as the materials are exterior to a structure and will remain Category I Non-friable materials during renovation/demolition, are not covered under the CTDPR Asbestos Abatement standards. In addition, as Category I Non-friable materials, the roof tops do not need to be disposed of as asbestos waste under the EPA Asbestos NESHAP regulations; however, the CTDPR special waste regulations would not allow the material to be disposed of as general construction waste under 40 CFR 261.24(b)(1)-(3).*

Material	General Location
Brown corrugated pipe wrap	4 th floor north mechanical room HVAC Units FAD and FAT

* There was no visible suspect ACM material in the 1st floor north and south mechanical rooms

Sample No.	Sample Location	Heterogeneous Material	% and Type Asbestos
1A-0590	4 th floor, courtroom	Cure base mastic	ND<1%
1B-0590	4 th floor, courtroom	Black cove base	ND<1%
02-0590	4 th floor, east office partitions	Tranite wall panel	30% chrysotile
03-0590	4 th floor, east office	Paper and insulating cement on 1"x2" ac ceiling panels	20% chrysotile
04-0590	4 th floor, east office	Paper and insulating cement on 1"x2" ac ceiling panels	N/A/P
05-0590	4 th floor, east office	Paper and insulating cement on 1"x2" ac ceiling panels	N/A/P
06-0590	4 th floor, courtroom	Fireproofing on beams	ND<1%
07-0590	4 th floor, courtroom	Fireproofing on beams	ND<1%
08-0590	4 th floor, courtroom	Fireproofing on beams	ND<1%
09-0590	4 th floor, courtroom	Fireproofing on beams	ND<1%
10-0590	4 th floor, courtroom	Fireproofing on beams	ND<1%
11-0590	4 th floor, courtroom	Fireproofing on beams	ND<1%
12-0590	4 th floor, courtroom	Fireproofing on beams	ND<1%
13-0590	4 th floor, courtroom - west side	3" angled fitting on fiberglass laminated heating pipe	3% chrysotile
14-0590	4 th floor, courtroom - west side	3" angled fitting on fiberglass laminated heating pipe	N/A/P
15-0590	4 th floor, south mechanical room	4" angled fitting on fiberglass laminated heating pipe	90% chrysotile
14A-0590	4 th floor, courtroom	Joint compound	N/A/P
16B-0590	4 th floor, courtroom	Sheetrock	ND<1%
17A-0590	4 th floor, courtroom	Joint compound	ND<1%
17B-0590	4 th floor, courtroom	Sheetrock	ND<1%
18A-0590	4 th floor, courtroom	Joint compound	ND<1%
18B-0590	4 th floor, courtroom	Sheetrock	ND<1%
19-0590	3 rd floor, 1905 section	Joint compound (see Environmental sample # 138)	Trace chrysotile
20-0590	3 rd floor, 1905 section	Joint compound (see Environmental sample # 138)	Trace chrysotile
21-0590	3 rd floor, 1905 section	Joint compound (see Environmental sample # 138)	Trace chrysotile
22-0590	3 rd floor, 1905 section	Black glue dash behind wood wall panel	1% chrysotile

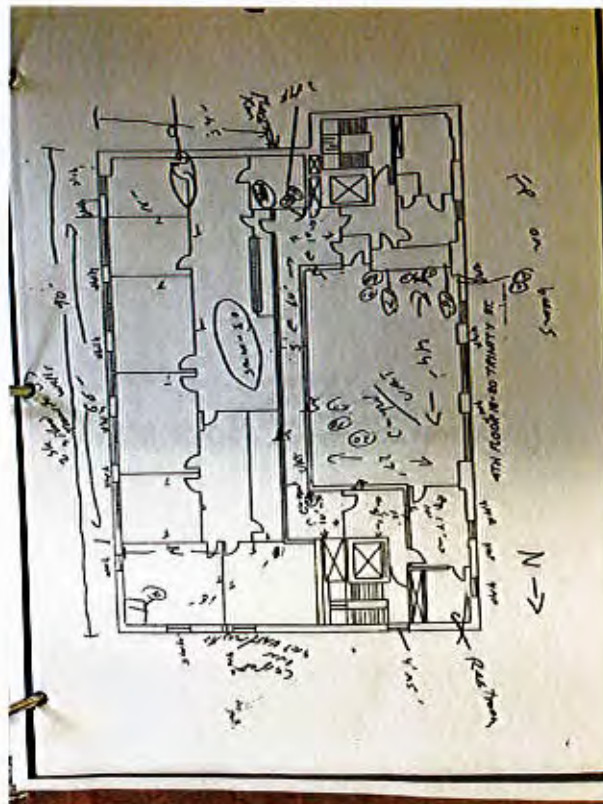
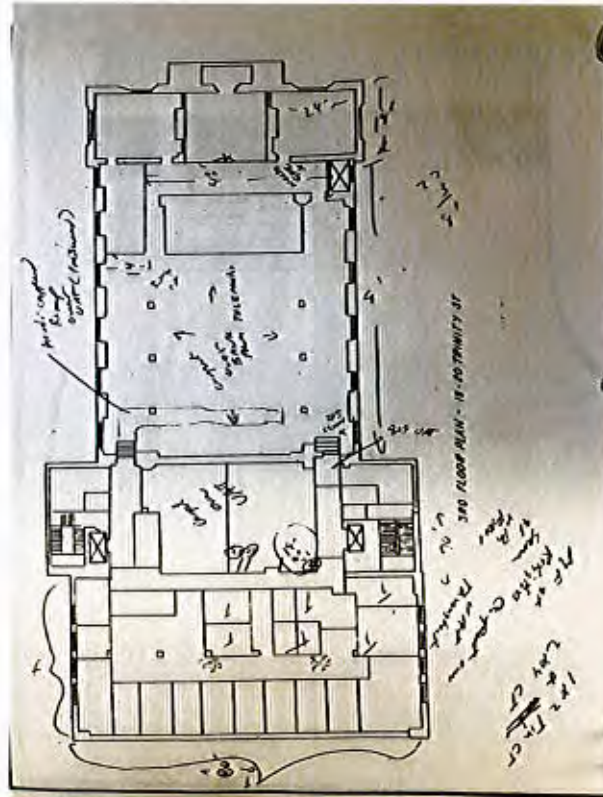
AIBZA Categories = thermal system insulation (TSI), surfacing material or miscellaneous
 NESHAP Categories = friable, category I non-friable or category II non-friable
 Friable = crumbled, pulverized or reduced to powder by hand pressure when dry
 Category I Non-Friable = packings, gaskets, millium floor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

Sample No.	Sample Location	Heterogeneous Material	% and Type Asbestos
23-0590	3 rd floor, 1905 section	Brown glue dash behind wood wall panel	ND<1%
24A-0590	3 rd floor, 1905 section	Cure base mastic	ND<1%
24B-0590	3 rd floor, 1905 section	Brown cove base	ND<1%

Material	Sampled: Assessed (m ² /y ²)	General Location	RESRP Category	ASERA Category	Estimated Quantity
Floor tile with associated mortar	Sampled by Environmental	Throughout 6 th floor, most often under carpeting	Category I non-hazard	Miscellaneous	1,200 SF
Floor tile with associated mortar	Sampled by Environmental	Throughout 7 th floor, most often under carpeting	Category I non-hazard	Miscellaneous	5,600 SF
Paper and insulating cement on 1 1/2" tile ceiling panels	Sampled 15/94	6 th floor	Friable	Miscellaneous	1,200 SF
Paper and insulating cement on 1 1/2" tile ceiling panels	Sampled 15/94	7 th floor	Friable	Miscellaneous	1,100 SF
Tessile wall panel	Sampled 15/94	6 th floor wall partitions	Category II non-hazard	Miscellaneous	4,000 SF
Tessile wall panel	Sampled 15/94	7 th floor wall partitions	Category II non-hazard	Miscellaneous	16,622 SF
Molded pipe fittings	Sampled 15/94	7 th and 6 th floor heating systems and 6 th floor mechanical room	Friable	Thermal system insulation	100 SF
Black glue dash behind wood wall panel	Sampled 15/94	7 th floor, 1965 section	Category II non-hazard	Miscellaneous	194 SF
Joint compound	Sampled by Environmental	7 th floor, 1965 section	Category II non-hazard	Miscellaneous	1,300 SF
Window glazing and caulk	Sampled by Environmental	1925 and 1922 sections of the 7 th and 6 th floors	Category II non-hazard	Miscellaneous	34 window systems

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

Material	General Location
Black cover base with associated mortar	Throughout 7 th and 6 th floors
Brown cover base with associated mortar	Throughout 7 th and 6 th floors
Spray on fireproofing	Throughout 6 th floor
Sheetrock with joint compound	Throughout 6 th floor
Plaster	Throughout 7 th and 6 th floors



EXECUTIVE SUMMARY

On February 8, 2006 TRC Environmental Corporation (TRC) of Windsor, Connecticut conducted an inspection for suspect asbestos-containing materials (ACM) at 11-20 Trinity Street in Hartford, Connecticut. The inspection was initiated prior to planned renovation activities in accordance with USEPA Asbestos National Emissions Standard for Hazardous Air Pollutants (NESHAPS) requirements.

The scope of the inspection was limited to the 3rd floor - Auditor's area at 11-20 Trinity Street. A Connecticut licensed asbestos inspector from TRC conducted the inspection in accordance with USEPA AHERA protocols and ASTM Standard E2356-04. Bulk samples of suspect materials were collected and analyzed via polarized light microscopy (PLM) at a CTDPH/NVLAP accredited laboratory. ACM was identified as carpet glue/black mastic in the 3rd floor - Auditor's area. ACM to be impacted by renovation activities must be removed prior to disturbance in accordance with OSHA, USEPA, CTDPH, and CTDEP standards for asbestos abatement/disposal. Detailed results of the asbestos survey can be found in Tables 1-3 and Appendices A through D.

Sample No.	Sample Location	Heterogeneous Material	% and Type Asbestos
01	Auditor's Area - SW Corner	Carpet glue/black mastic	10% chrysotile
02	Auditor's Area - Center	Carpet glue/black mastic	30% chrysotile

NA/P/A Not analyzed/positive via transparent association with a confirmed positive ACM
NA/P/N Not analyzed/positive upon homogenization to sample proven to contain asbestos
ND<1% Not 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

TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
CT DEP. - 18-36 TRINITY STREET
HARTFORD, CONNECTICUT

Sample No.	Sample Location	Homogeneous Material	% and Type Abomas
01	Outside Hearing room	Joint compound	ND<1%
		Sheetrock	ND<1%
02	Office #2	Joint compound	ND<1%
		Sheetrock	ND<1%
03	Hearing room - South wall	Joint compound	ND<1%
		Sheetrock	ND<1%
04	Hearing room - North wall	Joint compound	ND<1%
		Sheetrock	ND<1%
05	Reception Area	Joint compound	ND<1%
		Sheetrock	ND<1%
06	North hallway	Joint compound	ND<1%
		Sheetrock	ND<1%
07	Hallway outside elevator	Joint compound	ND<1%
		Sheetrock	ND<1%
08	Hallway outside elevator	Skim coat	ND<1%
		Plaster	ND<1%
09	South hallway	Joint compound	ND<1%
		Sheetrock	ND<1%
10	File room	Joint compound	ND<1%
		Sheetrock	ND<1%

CA/PA Not analyzed/positive via inseparable association with a confirmed positive ACM
 CA/PS Not analyzed/positive dup, homogeneous to sample proven to contain asbestos
 ND<1% Not 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

TABLE 2
CONFIRMED NON-ASBESTOS CONTAINING MATERIALS
CT DEP. - 18-36 TRINITY STREET
HARTFORD, CONNECTICUT

Material	General Location
Sheetrock & joint compound	1 st floor - West end walls
Plaster & skim coat	1 st floor - West end walls

**TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS-CONTAINING MATERIALS
CT DFW - 18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
01	SW Offices - Room 1	Joint compound	ND-1%
		Sheetrock	ND-1%
02	SW Offices - Room 2	Joint compound	ND-1%
		Sheetrock	ND-1%
03	SW Offices - Room 3	Joint compound	ND-1%
		Sheetrock	ND-1%
04	SW Offices - Room 1	Old black mastic carpet glue	10% chrysotile

EXECUTIVE SUMMARY

On October 2, 2008 TRC of Windsor, Connecticut conducted a limited inspection for suspect asbestos-containing materials (ACM) at the Freedom of Information Office at 18-20 Trinity Street in Hartford, Connecticut. The inspection was initiated prior to planned renovation activities in accordance with USEPA Asbestos National Emission Standard for Hazardous Air Pollutants (NESHAPS) requirements.

The scope of the inspection was limited to the damaged exterior window systems of two first floor offices at the subject building. A Connecticut licensed asbestos inspector from TRC conducted the inspection in accordance with USEPA AHERA protocols and ASTM Standard E2156-04. Bulk samples of suspect materials were collected and analyzed via polarized light microscopy (PLM) and transmission electron microscopy (TEM) methods at CTDPH NVLAP accredited laboratories. ACM was identified as exterior window glazing/caulking in the subject area. ACM to be impacted by renovation activities must be removed prior to disturbance in accordance with OSHA, USEPA, CTDPH, and CTDEP standards for asbestos abatement/disposal. Detailed results of the asbestos survey can be found in Tables 1-3 and Appendices A through E.

TABLE I
 BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
 18-20 TRENT STREET
 HARTFORD, CONNECTICUT

Sample No.	Sample Location	Heterogeneous Material	% and Type Asbestos
1	1 st floor - northeast side of building	Exterior window glazing on large 10-pane up-bottom windows	1.32% amphibole
2	1 st floor - northeast side of building	Exterior window glazing on large 10-pane up-bottom windows	ND-1%
3	1 st floor - northeast side of building	Exterior window caulking on large 10-pane up-bottom windows	3% chrysotile 10% amphibole
4	1 st floor - northeast side of building	Exterior window caulking on large 10-pane up-bottom windows	ND-1%

TABLE I
 IDENTIFIED ASBESTOS CONTAINING MATERIALS (1%)
 18-20 TRENT STREET
 HARTFORD, CONNECTICUT

Material	Sampled Area/Date	General Location	NIOSH Category	AHERA Category	Estimated Quantity
Exterior window glazing on large 10-pane up-bottom windows	Sampled 10/26	1 st floor - northeast side of building	Category II Non-Fibrous	Microfibrous	2 EA
Exterior window caulking on large 10-pane up-bottom windows	Sampled 10/26	1 st floor - northeast side of building	Category II Non-Fibrous	Microfibrous	2 EA

**TABLE 1
BULK SAMPLE SUMMARY OF SUBJECT BUILDING CONTAINING MATERIALS
18-20 YENNY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
1	3 rd floor west side - Auditorium Area	Window glazing associated with metal single-pane window	ND-1%
2	3 rd floor west side - Auditorium Area	Window glazing associated with metal single-pane window	ND-1%
3	3 rd floor west side - Auditorium Area	Window caulking associated with metal single-pane window	3% chrysotile
4	3 rd floor west side - Auditorium Area	Window caulking associated with metal single-pane window	XX,PS

XX,PS: Not analyzed for asbestos. See Appendix A for analytical results.

**TABLE 1
IDENTIFIED ASBESTOS CONTAINING MATERIALS (I/M)
18-20 YENNY STREET
HARTFORD, CONNECTICUT**

Material	Sampled Assumed (m ² /y)	General Location	NESHAP Category	AMERA Category	Estimated Quantity
Window caulking associated with metal single-pane window	Sampled 12-98	3 rd floor west side - Auditorium Area	Category II Non-Fibrous	Miscellaneous	1 RA

TABLE 2 CONFIRMED NON-ASBESTOS CONTAINING MATERIALS 18-20 TRINITY STREET HARTFORD, CONNECTICUT	
Material	General Location
Window glazing associated with steel single-pane window	3 rd floor west side - Address Area

EXECUTIVE SUMMARY

On April 28 2010 & May 3-5, 2010 TRC of Windsor, Connecticut conducted an inspection for suspect asbestos-containing materials (ACM) at 18-20 Trinity Street in Hartford, Connecticut. The inspection was initiated prior to planned renovation/demolition activities in accordance with USEPA Asbestos National Technical Standard for Hazardous Air Pollutants (NESHAPS) requirements.

The scope of the inspection was limited to 1st floor bathrooms & mechanical rooms, 2nd floor bedrooms and the entire 3rd & 4th floors. A Connecticut licensed asbestos inspector from TRC conducted the inspection in accordance with USEPA AHERA protocols and ASTM Standard E2156-04. Bulk samples of suspect materials were collected and analyzed via polarized light microscopy (PLM) at an CTEPH/NVLAP accredited laboratory. ACM was identified as floor tile with associated mastic, mastic wall partitions, paper insulation on 1"X1" tin ceiling tiles, mudded fittings, pressed paper pipe insulation, wall panel glue, glue inside HVAC units, mastic pipe insulation inside HVAC units, fire door insulation, black door window glazing putty and leftover black mastic under carpet. ACM to be impacted by renovation/demolition activities must be removed prior to disturbance in accordance with OSHA, USEPA, CTDPR, and CTDEP standards for asbestos abatement/disposal. Detailed results of the asbestos survey can be found in Tables 1-3 and Appendices A through F.

A Connecticut licensed lead inspector from TRC conducted a LIP survey throughout the areas that will be renovated and lead paint was identified on various components that are scheduled for impact. Exposure levels for lead in the construction industry are regulated by OSHA 29 CFR 1926.62. Construction activities disturbing surfaces containing lead paint which are likely to be employed, such as grinding, cutting, and demolishing, has been known to expose workers to airborne levels of lead in excess of the permissible exposure limit (PEL). The Contractor shall conduct demolition work in conformance with the OSHA regulations, utilizing engineering controls and personal protective equipment. In addition, disposal of construction waste containing lead paint is subject to regulation under both the CTDEP Hazardous and Special Waste Management (22a-209-1 through 16; 22a-440(c)-11; 22a-449(c)-13; 22a-449(c)-100 through 110; and 22a-456) and USEPA RCRA Hazardous Waste Management (40 CFR Parts 260 through 274) regulations. However, scrap metal is exempt from

regulation under the CTDEP/USEPA Hazardous Waste Regulations provided it is properly recycled. The Contractor shall recycle any lead painted scrap metal at an approved scrap metal recycling facility. Detailed results of the lead survey can be found in Table 4 and Appendix F.

**TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
CTDPP - 33-28 FRASER STREET
BARTFORD, CONNECTICUT**

Sample No.	Sample Location	Heterogeneous Material	% and Type Asbestos
01	Front Roof - Upper section	Silver paint coating	ND-1%
02	Front Roof - Lower section	Silver paint coating	ND-1%
03	Front Roof - Upper section	Bulk-up roofing (BR.17)	ND-1%
04	Front Roof - Upper section	Bulk-up roofing (BR.17)	ND-1%
05	Front Roof - Lower section	Bulk-up roofing (BR.17)	ND-1%
06	Front Roof - Lower section	Bulk-up roofing (BR.17)	ND-1%
07	Front Roof - Upper section	Penetration/penetration flashing (PEN.1)	ND-1%
08	Front Roof - Lower section	Penetration/penetration flashing (PEN.1)	ND-1%
09	Front Roof - Lower section	Penetration flashing at pitch in boxes (PEN.1)	ND-1%
10	Front Roof - Upper section	Paint near fining at pitch in boxes (PEN.1)	ND-1%
11	4 th floor - N Mech Room	Tan paper inside metal wall (P1)	ND-1%
12	4 th floor - S Mech Room	Tan paper inside metal wall (P1)	ND-1%
13	4 th floor - N Mech Room	Black paper inside metal wall (P2)	ND-1%
14	4 th floor - S Mech Room	Black paper inside metal wall (P2)	ND-1%
15	1 st floor - S Mech Room	Tan paper around fiberglass pipe insulation (P3)	ND-1%
16	1 st floor - S Mech Room	Tan paper around fiberglass pipe insulation (P3)	ND-1%
17	4 th floor - S Mech Room	Paper like wrap on fiberglass pipe insulation (P3)	ND-1%
18	4 th floor - Corridor	Paper like wrap on fiberglass pipe insulation (P3)	ND-1%
19	4 th floor - South Bath	Pressed paper insulation on water lines (P3)	40% chrysotile
20	4 th floor - South Bath	Pressed paper insulation on water lines (P3)	NAFS
21	4 th floor - South Bath	Pressed paper insulation on water lines (P3)	NAFS

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% Not 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
 ‡ Non-hazardous material confirmed by TEM analysis
 * Quantified by PLM Paint Coating techniques
 † Analyzed by EPA 8210-R-95-116 with gravimetric reduction

TABLE I
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
CTDPP - 11 26 TRINITY STREET
HARTFORD, CONNECTICUT

Sample No.	Sample Location	Heterogeneous Material	% and Type Asbestos
22	4 th floor - Hallway chase	Tarbock insulation on pipe (PG)	ND-1%
23	4 th floor - Hallway chase	Tarbock insulation on pipe (PG)	ND-1%
24	4 th floor - N Mech Room	Woven material on pipes inside HVAC ducts (PG)	8% chrysotile
25	4 th floor - S Mech Room	Woven material on pipes inside HVAC ducts (PG)	NAPS
26	4 th floor - Hallway	Black door window glazing putty (DWG1)	2% chrysotile
27	3 rd floor - Hallway	Black door window glazing putty (DWG1)	NAPS
28	4 th floor - North Stairwell	Black door window glazing putty (DWG2)	2% chrysotile
29	1 st floor - South Stairwell	Black door window glazing putty (DWG2)	NAPS
30	4 th floor - Storage Room	White fire door insulation (DI)	ND-1%
31	4 th floor - Storage Room	White fire door insulation (DI)	ND-1%
32	4 th floor - Hallway	Tan corrugated door insulation (DI2)	ND-1%
33	3 rd floor - Hallway	Tan corrugated door insulation (DI2)	ND-1%
34	3 rd floor - Conference Room	White door insulation (DI)	2% chrysotile 8% amosite
35	3 rd floor - Conference Room	White door insulation (DI)	NAPS
36	4 th floor - N Mech Room	Scrap sealant on fiberglass pipe insulation (SP1)	ND-1%
37	4 th floor - S Mech Room	Scrap sealant on fiberglass pipe insulation (SP1)	ND-1%
38	4 th floor - N Mech Room	White sealant on canvas duct insulation (SI)	ND-1%
39	4 th floor - S Mech Room	White sealant on canvas duct insulation (SI)	ND-1%
40	South Side - 4 th floor	Exterior white window glazing (WGI)	ND-1%
41	North Side - 1 st floor	Exterior white window glazing (WGI)	ND-1%

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM
 NAPS Not analyzed/positive strip, 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
 † NOB material, result confirmed by TEM analysis
 ‡ Quantified by PLM Point Counting techniques
 § Analyzed by EPA-821-R-03-116 with gravimetric reduction

TABLE I
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
CTDPP - 11 26 TRINITY STREET
HARTFORD, CONNECTICUT

Sample No.	Sample Location	Heterogeneous Material	% and Type Asbestos
42	South Side - 4 th floor	Exterior window/door caulking (LC1)	ND-1%
43	North Side - 1 st floor	Exterior window/door caulking (LC1)	ND-1%
44	3 rd floor - S Mech Room	Yellow glue ducts on mechanical room doors (DG)	ND-1%
45	1 st floor - N Mech Room	Yellow glue ducts on mechanical room doors (DG)	ND-1%
46	4 th floor - South Interior Court	Grout associated with ceramic floor tile and ceramic pipe base (GR)	ND-1%
47	4 th floor - N Mech	Grout associated with ceramic floor tile and ceramic pipe base (GR)	ND-1%
48	3 rd floor - S Men's bath	Grout associated with 4" ceramic floor tile (GR)	ND-1%
49	2 nd floor - S Men's bath	Grout associated with 4" ceramic floor tile (GR)	ND-1%
50	3 rd floor - S Men's bath	Grey patch grout at toilet drain pipe (GR)	ND-1%
51	2 nd floor - S Men's bath	Grey patch grout at toilet drain pipe (GR)	ND-1%
52	3 rd floor - S Men's bath	Light grey behind white ceramic wall tiles (CTG1)	ND-1%
53	2 nd floor - S Men's bath	Light grey behind white ceramic wall tiles (CTG1)	ND-1%
54	1 st floor - Private bathroom	Yellow glue behind white ceramic wall tiles (CTG2)	ND-1%
55	1 st floor - Private bathroom	Yellow glue behind white ceramic wall tiles (CTG2)	ND-1%
56	3 rd floor - N Elevator Lobby	Yellow glue on HV AC ductwork (GT)	ND-1%
57	4 th floor - N Mech Room	Yellow glue on HV AC ductwork (GT)	ND-1%
58	4 th floor - Storage Room	Brown carpet glue (CG)	ND-1%
59	4 th floor - Storage Room	Brown carpet glue (CG)	ND-1%
60	4 th floor - S Mech Room	Black glue inside HVAC ducts (GT)	2% chrysotile
61	4 th floor - S Mech Room	Black glue inside HVAC ducts (GT)	NAPS

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM
 NAPS Not analyzed/positive strip, 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
 † NOB material, result confirmed by TEM analysis
 ‡ Quantified by PLM Point Counting techniques
 § Analyzed by EPA-821-R-03-116 with gravimetric reduction

**TABLE I
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
CUMPS - 11-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
62	4 th floor - IDF closet	Leffover black mastic (M1)	0% asbestos
63	4 th floor - IDF closet	Leffover black mastic (M1)	NAPF
64	3 rd floor - New East foyer	Leffover black mastic (M2)	1% chrysotile
65	3 rd floor - New back ramp	Leffover black mastic (M2)	NAPF
66	3 rd floor - Kitchenette	Grey alkali undercoating (DC1)	ND<1%
67	3 rd floor - Kitchenette	Grey alkali undercoating (DC1)	ND<1%
68	4 th floor - IDF closet	Pink penetration putty (PF1)	ND<1%
69	3 rd floor - IDF closet	Pink penetration putty (PF1)	ND<1%
70	4 th floor - IDF closet	Pink penetration caulking (PF2)	ND<1%
71	3 rd floor - IDF closet	Pink penetration caulking (PF2)	ND<1%
72	4 th floor - IDF closet	Mastic associated with FT1 12"X12" white blue streak floor tile (FT1)	ND<1%
73	3 rd floor - IDF closet	Mastic associated with FT1 12"X12" white blue streak floor tile (FT1)	ND<1%
74	3 rd floor - Private bathroom	Mastic associated with FT2 12"X12" white multi-speckled floor tile (FT2)	ND<1%
75	3 rd floor - Private bathroom	Mastic associated with FT2 12"X12" white multi-speckled floor tile (FT2)	ND<1%
76	3 rd floor - Kitchenette	12"X12" tan self-stick floor tile (FT3)	ND<1%
77	3 rd floor - Kitchenette	12"X12" tan self-stick floor tile (FT3)	ND<1%
78	3 rd floor - West auditor's area	12"X12" black textured floor tile (FT4) *mastic in file in sample	ND<1%
79	3 rd floor - West auditor's area	12"X12" black textured floor tile (FT4) *mastic in file in sample	ND<1%

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM
 NA/PS Not analyzed/positive step, homogeneous to sample proven to contain asbestos
 ND<1% Non-detected, less than 1%
 + No asbestos detected
 NAD Although found to be negative by analysis, material is homogeneous to a detected ACM and therefore must be considered positive
 * NCS materials, result confirmed by TEM analysis
 † Quantified by PLM Point Counting technique
 ‡ Analyzed by EPA-826-R-99-116 with gravimetric reduction

**TABLE I
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
CUMPS - 11-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
80	3 rd floor - S Elevator lobby	Mastic associated with FT5 12"X12" pink multi-speckled floor tile (FT5)	ND<1%
81	3 rd floor - N Elevator lobby	Mastic associated with FT5 12"X12" pink multi-speckled floor tile (FT5)	ND<1%
82	3 rd floor - 1922 Section	Plaster like fire proofing on beams (PF1)	ND<1%
83	3 rd floor - 1922 Section	Plaster like fire proofing on beams (PF1)	ND<1%
84	3 rd floor - 1922 Section	Plaster like fire proofing on beams (PF1)	ND<1%
85	3 rd floor - 1925 Section	Plaster like fire proofing on beams (PF1)	ND<1%
86	3 rd floor - 1925 Section	Plaster like fire proofing on beams (PF2)	ND<1%
87	3 rd floor - 1925 Section	Plaster like fire proofing on beams (PF2)	ND<1%
88	3 rd floor - 1925 Section	Plaster like fire proofing on beams (PF2)	ND<1%
89	3 rd floor - 1925 Section	Plaster like fire proofing on beams (PF2)	ND<1%
90	4 th floor Hallway	White joint compound (JC1)	ND<1%
91	4 th floor Hallway	White joint compound (JC1)	ND<1%
92	4 th floor East offices	White joint compound (JC1)	ND<1%
93	3 rd floor - Hallway	White joint compound (JC2)	ND<1%
94	3 rd floor - East offices	White joint compound (JC2)	ND<1%
95	3 rd floor - Hallway	White joint compound (JC2)	ND<1%
96	3 rd floor - East Central offices	White joint compound (JC2)	ND<1%
97	3 rd floor - East Central offices	White joint compound (JC2)	ND<1%
98	3 rd floor - East Central conference room	White joint compound (JC2)	ND<1%
99	3 rd floor - East Central conference room	White joint compound (JC2)	ND<1%
100	3 rd floor - East Central offices	Welded flange on 2" rebar bar (MF1)	1% chrysotile
101	3 rd floor - East auditor's area	Cr tar glue on black vinyl cover base (CG1)	ND<1%

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM
 NA/PS Not analyzed/positive step, homogeneous to sample proven to contain asbestos
 ND<1% Non-detected, less than 1%
 + No asbestos detected
 NAD Although found to be negative by analysis, material is homogeneous to a detected ACM and therefore must be considered positive
 * NCS materials, result confirmed by TEM analysis
 † Quantified by PLM Point Counting technique
 ‡ Analyzed by EPA-826-R-99-116 with gravimetric reduction

**TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
CTDPS - 15-28 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
102	3 rd floor - East auditor area	Li tan glaz on black vinyl covr base (CBG2)	ND-1%
103	3 rd floor - East Central offices	Li tan glaz on grey vinyl covr base (CBG2)	ND-1%
104	3 rd floor - East Central offices	Li tan glaz on grey vinyl covr base (CBG2)	ND-1%
105	3 rd floor - West auditor area	Yellow glaz on brown vinyl covr base (CBG2)	ND-1%
106	3 rd floor - West auditor area	Yellow glaz on brown vinyl covr base (CBG2)	ND-1%
107	3 rd floor - West auditor area conference room	Brown glaz on brown vinyl covr base (CBG4)	ND-1%
108	3 rd floor - West auditor area conference room	Brown glaz on brown vinyl covr base (CBG4)	ND-1%
109	1 st floor - Private bedroom	Li tan glaz on li tan vinyl covr base (CBG2)	ND-1%
110	1 st floor - Private bedroom	Li tan glaz on li tan vinyl covr base (CBG2)	ND-1%
111	1 st floor - S Elevator lobby	Yellow glaz on pink vinyl covr base (CBG4)	ND-1%
112	1 st floor - N Elevator lobby	Yellow glaz on pink vinyl covr base (CBG4)	ND-1%
113	4 th floor - Corridor	Yellow carpet glaz (CG1)	ND-1%
114	3 rd floor - Hallway	Yellow carpet glaz (CG1)	ND-1%
115	3 rd floor - West auditor area	Joint compound (JC) Sheetrock (SH-1)	ND-1%
116	3 rd floor - West auditor area	Joint compound (JC) Sheetrock (SH-1)	ND-1%
117	3 rd floor - West auditor area	Joint compound (JC) Sheetrock (SH-1)	ND-1%
118	3 rd floor - West auditor area	Joint compound (JC) Sheetrock (SH-1)	ND-1%

NA/PA 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-detectal, less than 1%
 ND No asbestos detected
 * Although found to be negative by analysis, material is homogeneous to a determined ACM and therefore must be considered positive
 † NOD material, result confirmed by TEM analysis
 ** Quantified by PLM Point Counting techniques
 • Analyzed by EPA/600/R-95/114 with gravimetric reduction



**TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
CTDPS - 15-28 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
119	3 rd floor - West auditor area	Joint compound (JC) Sheetrock (SH-1)	ND-1%

**TABLE 1
IDENTIFIED ASBESTOS CONTAINING MATERIALS (I-1N)
CTDFW - 11-28 TRINITY STREET
HARTFORD, CONNECTICUT**

Material	Sampled-Assessed (Mo/Yr)	General Location	NESHAP Category	AHERA Category	Estimated Quantity
VXX floor tile & mastic	Sampled by Environmental	Throughout 3 rd and 4 th floor (mostly under carpet & assumed to be under dropped wall partitions)	Category I Non-Friable	Miscellaneous	~3,225 SF
Mirror glass debris	Assessed 05/10	1 st - 4 th floor Bathrooms	Category II Non-Friable	Miscellaneous	3 mirrors
Transite wall panel	Sampled by TRC 10/94	3 rd and 4 th floor elevator partitions	Category II Non-Friable	Miscellaneous	~1,500 SF
Paper and insulating cement on 1'x2' tile ceiling panels	Sampled by TRC 10/94	Throughout 3 rd and 4 th floor	Friable	Miscellaneous	~4,800 SF
Molded pipe fittings	Sampled by TRC 11/04	3 rd and 4 th floor heating system & 4 th floor South Mechanical Room (*Assumed to be above floor ceiling on the 3 rd floor & in pipe chases)	Friable	Thermal System Insulation	~100 MT
Black glass dash behind wood wall panel	Sampled by TRC 11/04	4 th floor IDF closet & Courtroom 3 rd floor Central office, IDF closet & Conference room	Category II Non-Friable	Miscellaneous	~500 SF
Pressed paper insulation on water lines (PI)	Sampled by TRC 05/10	1 st - 5 th floor pipe chases in bathrooms	Friable	Thermal System Insulation	-
Black glass inside HVAC units (G)	Sampled by TRC 05/10	3 rd floor & 4 th floor Mechanical rooms (inside HVAC units)	Category II Non-Friable	Miscellaneous	~800 SF

AHERA Categories = Thermal system insulation (TSI), reflecting 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 = packaging, gutters, millstone floor covering and asphalt roofing
 Category II Non-friable = all non-friable that is not Category I

**TABLE 2
IDENTIFIED ASBESTOS CONTAINING MATERIALS (I-1N)
CTDFW - 11-28 TRINITY STREET
HARTFORD, CONNECTICUT**

Material	Sampled-Assessed (Mo/Yr)	General Location	NESHAP Category	AHERA Category	Estimated Quantity
Woven material on pipes inside HVAC units (PI)	Sampled by TRC 05/10	1 st floor & 4 th floor Mechanical rooms (inside HVAC units)	Category II Non-Friable	Thermal System Insulation	96 LF
Black door window glazing putty (D#G1)	Sampled by TRC 05/10	3 rd & 4 th floor Main Hallway (1912 section)	Category II Non-Friable	Miscellaneous	4 doors
Black door window glazing putty (D#G2)	Sampled by TRC 05/10	1 st -4 th floor North & South Stairwells	Category II Non-Friable	Miscellaneous	8 doors
White door insulation (DI)	Sampled by TRC 05/10	3 rd floor - Conference Room	Friable	Miscellaneous	2 doors
Leftover black mastic (M1)	Sampled by TRC 05/10	4 th floor - IDF Closet	Category II Non-Friable	Miscellaneous	100 SF
Leftover black mastic (M2)	Sampled by TRC 05/10	3 rd floor - Auditor's area (1905 section)	Category II Non-Friable	Miscellaneous	7,500 SF

TABLE 1
CONFIRMED NON-ASBESTOS CONTAINING MATERIALS
CITY OF - 28-28 FAIRVIEW STREET
HARTFORD, CONNECTICUT

Material	General Location
Fiberglass insulation on pipes and ductwork (non-suspended)	Throughout 1 st floor - 3 rd floor (1905 & 1922 sections)
Cellulose insulation under built-up roofing (non-suspended)	Upper & lower rooib (1905 section)
Plaster (dovecot & white sand) - walls & ceilings*	Throughout 1 st floor - 3 rd floor (1905 & 1922 sections)
Black stove base & associated mastic**	Throughout 3 rd & 4 th floors (1905 & 1922 sections)
Brown stove base & associated mastic**	Throughout 3 rd & 4 th floors (1905 & 1922 sections)
Spray-on fireproofing**	Throughout 4 th floor (1922 section)
Sheetrock with joint compound**	Throughout 4 th floor (1922 section)
Cerest glass**	Throughout 3 rd & 4 th floor (1922 section)
White pyrobor block*	Throughout walls in 1922 section
2 X 4 suspended ceiling tile with vermic & rock wool*	Throughout 1 st & 2 nd floor hallways & 3 rd & 4 th floor (1905 & 1922 sections)
2 X 4 suspended ceiling tile with rock wool & talc*	Throughout 3 rd & 4 th floor (1905 & 1922 sections)
Silver paint ceiling	Upper & lower rooib (1905 section)
Built-up roofing (BUR)1*	Upper & lower rooib (1905 section)
Built-up roofing (BUR)2*	Upper & lower rooib (1905 section)
Pertinax/penetration flashing (PER1)	Upper & lower rooib (1905 section)
Pertinax flashing at pitch-to-horizontal (PEN1)	Upper & lower rooib (1905 section)
Tan paper inside metal wall (P1)	4 th floor - North & South Mech Rooms 1 st floor - North & South Mech Rooms
Black paper inside metal wall (P2)	4 th floor - North & South Mech Rooms 1 st floor - North & South Mech Rooms
Tan paper around fiberglass pipe insulation (P3)	4 th floor - North & South Mech Rooms 1 st floor - North & South Mech Rooms
Paper/wrap on fiberglass pipe insulation (P4)	4 th floor - North & South Mech Rooms 1 st floor - North & South Mech Rooms 4 th floor - Conference Room
Fiberglass insulation on pipes (P5)	4 th floor - Main Hallway (1922 section) 3 rd floor - Main Hallway (1922 section)
White fire floor insulation (G1)	Throughout 3 rd & 4 th floor (1905 & 1922 sections)
Tan corrugated floor insulation (G2)	Throughout 3 rd & 4 th floor (1905 & 1922 sections)
Recap section on fiberglass pipe insulation (CP1)	4 th floor - North & South Mech Rooms 1 st floor - North & South Mech Rooms
White section on concrete duct insulation (G1)	4 th floor - North & South Mech Rooms 1 st floor - North & South Mech Rooms

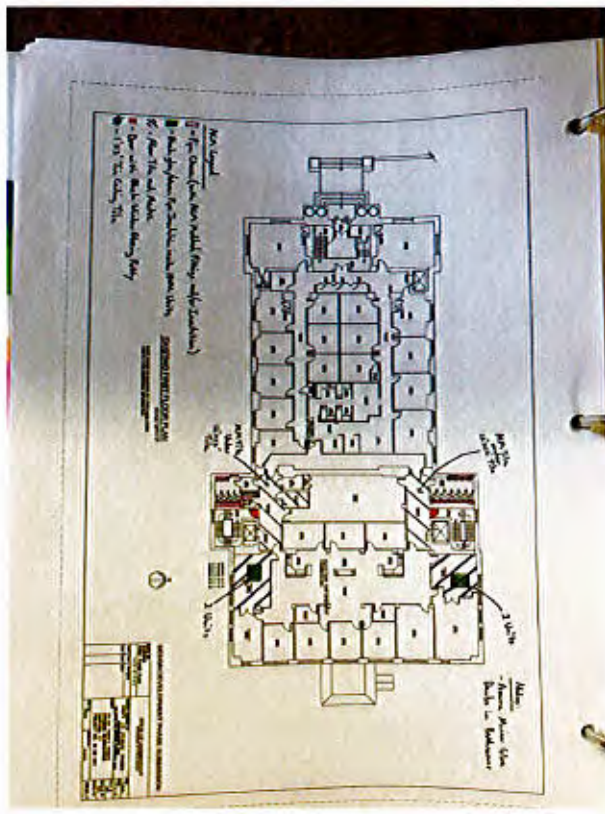
TABLE 1
CONFIRMED NON-ASBESTOS CONTAINING MATERIALS
CITY OF - 28-28 FAIRVIEW STREET
HARTFORD, CONNECTICUT

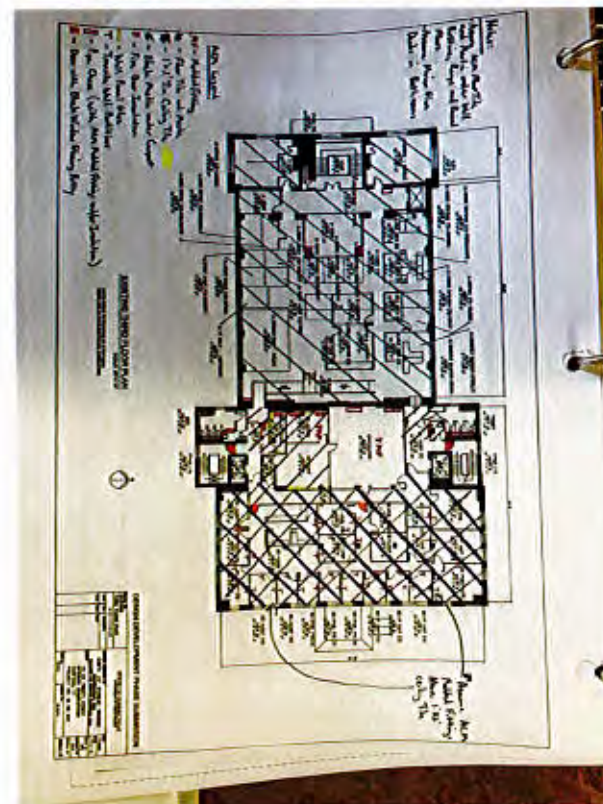
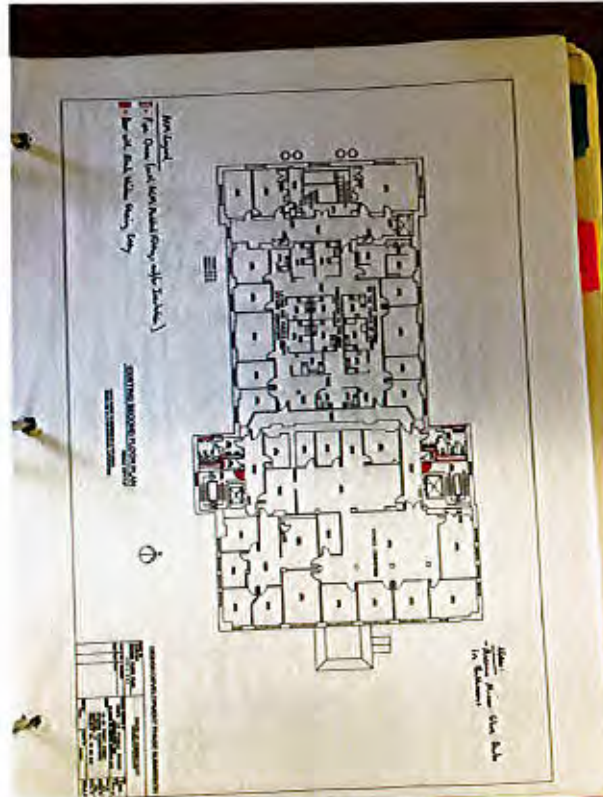
Material	General Location
Exterior white window glazing (W1)	4 th floor - North & South Mech Rooms 1 st floor - North & South Mech Rooms
Exterior window/door tracking (L1)	4 th floor - North & South Mech Rooms 1 st floor - North & South Mech Rooms
Yellow glue finish on insulated roof doors (G3)	4 th floor - North & South Mech Rooms
Grout associated with concrete floor tile and concrete curb base (CR1)	4 th floor - North & South bedrooms & janitor's closet 2 nd floor - North & South bedrooms & janitor's closet 2 nd floor - North & South bedrooms & janitor's closet
Grout associated with 6" concrete floor tile (CR2)	4 th floor - North & South bedrooms
Grey joint grout at water table pipe (CR3)	4 th floor - 4 th floor North & South bedrooms
Light grey tiled white concrete wall tiles (CTG1)	3 rd floor - North & South bedrooms
Yellow glue behind white concrete wall tiles (CTG2)	4 th floor - Private bedrooms (West side of floor)
Yellow glue on HVAC ductwork (C1)	Throughout 1 st floor - 3 rd floor (1905 & 1922 sections) 4 th floor - North & South Mech Rooms 4 th floor - North & South Mech Rooms
Brown enamel glue (GG)	4 th floor - Storage Room
Grey 2x4 underlayment (UC1)	3 rd floor - Kitchens
Pink penetration putty (PP1)	1 st - 4 th floor IDF closets
Pink penetration caulking (PP2)	1 st - 4 th floor IDF closets
12"X12" white tile on concrete floor tile (PT1) & associated mastic	3 rd & 4 th floor IDF closets
12"X12" white multi-speckled floor tile (PT2) & associated mastic	1 st floor - Private bedrooms
12"X12" tan self-stick floor tile (PT3)	3 rd floor - Kitchens
12"X12" black textured floor tile (PT4)	3 rd floor - West auditor's area (stage)
12"X12" pink multi-speckled floor tile (PT5) & associated mastic	1 st floor - North & South Elevator lobby & IDF closet
Plaster like fire proofing on beams (PF1)	3 rd floor - 1922 Section
Plaster like fire proofing on beams (PF2)	3 rd floor - 1905 Section
White joint compound (JC1)	4 th floor East offices & Main Hallway
White joint compound (JC2)	3 rd floor - Hallway, East Central Office & East Office
Light tan glue on black vinyl cover base (CBG1)	3 rd floor - East auditor's area
Light tan glue on grey vinyl cover base (CBG2)	3 rd floor - East Central offices
Yellow glue on brown vinyl cover base (CBG3)	3 rd floor - West auditor's area
Brown glue on brown vinyl cover base (CBG4)	3 rd floor - West auditor's area conference room
Light tan glue on light vinyl cover base (CBG5)	3 rd floor - Private bedrooms

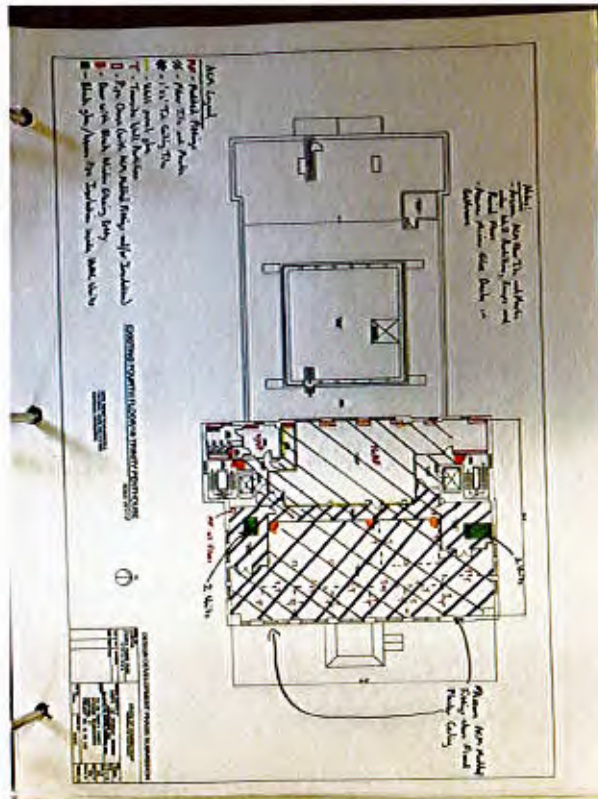
**TABLE 3
CONFIRMED NON-ASBESTOS CONTAINING MATERIALS
CTDPW - 18-24 TRINITY STREET
HARTFORD, CONNECTICUT**

Material	General Location
Yellow glue on pink vinyl tile base (C304)	1 st floor - North & South Elevator lobby
Yellow carpet glue (CC1)	Throughout 2 nd & 4 th floor
Sheetrock (SHR) joint compound (JC)	3 rd floor - West restrooms

*From Previous EnviroMed Data
**From TBC October 2004 Report







EXECUTIVE SUMMARY

On May 27, 2011 TRC of Windsor, Connecticut conducted an inspection for suspect asbestos-containing materials (ACM) at 14-20 Trinity Street in Hartford, Connecticut. The inspection was initiated prior to planned renovation activities in accordance with USEPA Asbestos National Emission Standard for Hazardous Air Pollutants (NESHAPs) requirements.

The scope of the inspection was limited to the Mechanical Room, elevator roof and lower roof areas of the subject building. A Connecticut licensed asbestos inspector from TRC conducted the inspection in accordance with USEPA AHERA protocols and ASTM Standard E2156-04. Bulk samples of suspect materials were collected and analyzed via polarized light microscopy (PLM) and/or PLM gravimetric analysis methods at a CTDPH/NVLAAP accredited laboratory. ACM was identified as various types of roofing and transit panel in the subject area. ACM to be impacted by renovation activities must be removed prior to disturbance in accordance with OSHA, USEPA, CTDPH, and CTDEP standards for asbestos abatement disposal. Detailed results of the asbestos survey can be found in Tables 1-3 and Appendices A through D.

**TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
1	Mech Room roof	Main field roof (MR)	ND-1%*
2	Mech Room roof	Main field roof (MR)	ND-1%
3	Mech Room roof	Main field roof (MR)	ND-1%
4	Mech Room roof	Pipe penetration flashing (PF)	ND-1%*
5	Mech Room roof	Mech Room roof flashing (MRF)	ND-1%*
6	Mech Room roof	Mech Room roof flashing (MRF)	10% chrysotile
7	Mech Room roof wall	Transite panel (T)	40% chrysotile
8	Mech Room roof wall	Transite panel (T)	N.A.P.S.
9	Mech Room roof wall	Transite panel caulk (TC)	ND-1%
10	Mech Room roof wall	Transite panel caulk (TC)	ND-1%
11	Elevator shaft roof	Roof main field (ER)	ND-1%*
12	Elevator shaft roof	Roof flashing (ERF)	ND-1%*
13	Elevator shaft roof	Roof flashing (ERF)	ND-1%
14	Main Roof	Regular flashing (caulk above metal) (C1)	ND-1%*
15	Main Roof	Regular flashing (caulk above metal) (C1)	ND-1%
16	Main Roof	Caulk between parapet & brick wall (C2)	Trace chrysotile*
17	Main Roof	Caulk between parapet & brick wall (C2)	ND-1%
18	Stairwell Roof	Main field roof (SR)	10% chrysotile
19	Stairwell Roof	Main field roof (SR)	N.A.P.S.
20	Stairwell Roof	Roof flashing (SRF)	ND-1%*
21	Stairwell Roof	Roof flashing (SRF)	ND-1%

**TABLE 2
IDENTIFIED ASBESTOS CONTAINING MATERIALS (I-15)
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Material	Sampled- Assessed (no./yr)	General Location	NESHAP Category	AHERA Category	Estimated Quantity
Mech Room roof flashing (MRF)	Sampled 5/11	Mech Room roof	Category 1 Non-Fibrous	Miscellaneous	190 LF
Transite panel (T)	Sampled 5/11	Mech Room roof walls - bottom 4 feet	Category 1 Non-Fibrous	Miscellaneous	1,000 SF
Stairwell roofing (SR)	Sampled 5/11	Stairwell Roof	Category 1 Non-Fibrous	Miscellaneous	72 SF

* Roof work has been completely exempted from OSHA asbestos regulations and, as a Category 1 Non-fibrous material, do not need to be removed from a structure prior to renovation. Non-fibrous under EPA asbestos NESHAP regulations and, so long as the materials are exterior to a structure and still remain Category 1 Non-fibrous materials during renovation/demolition, are not covered under the CTDEP asbestos abatement standards. In addition, as Category 1 Non-fibrous materials, the roof work do not need to be disposed of as asbestos waste under the EPA asbestos NESHAP regulations; however, the CTDEP special waste regulations would not allow the material to be disposed of as general construction waste within the State of Connecticut. Disposal of the roof work as general construction waste (as long as the materials are not reworked into a state which would define them as regulated asbestos-containing materials (RACM), i.e., fibrous) is, however, allowed in other states such as Massachusetts.

TABLE 3
 CONFIRMED NON-ASBESTOS CONTAINING MATERIALS
 18-20 TRINITY STREET
 HARTFORD, CONNECTICUT

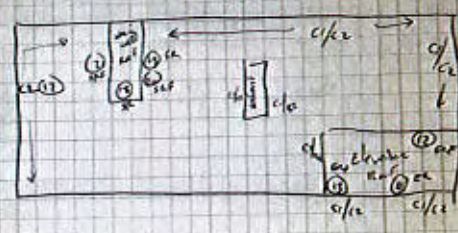
Material	General Location
Mech main field roofing (MR)	Mech Room roof
Pipe penetration flashing (PF)	Mech Room roof
Transite panel (TP)	Mech Room roof wall
Elevator roofing (ER)	Elevator shaft roof
Elevator roof flashing (ERF)	Elevator shaft roof
Topgrip Flashing (cork above metal) (C1)	Main Roof
Cork between parapet & brick wall (C2)	Main Roof
Stairwell roof flashing (SRF)	Stairwell Roof

TRC
 General Contracting

18-20 Trinity St

Roof sample
 main field layer cork
 door

DATE: 2-23
 PROJECT NO:
 JOB: 182711
 BY: B. Asher
 OK'D:



Stairwell Roofing = SR
 " " Flashing = SRF
 Elevator Roofing = ER
 " " Flashing = ERF



Surveys Performed

Asbestos, XRF, Hazardous Materials Inventory

Asbestos Section

(2), CT, 1, 2'x2', Ceiling tile, 2

1, Office 24

Sample Number	1
Sample Location	Office 24
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-01-31
Time	10:00

2, Hearing Room 12

Sample Number	2
Sample Location	Hearing Room 12
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-01-31
Time	10:03

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CT, 1, 2'x2'

Material Description	Ceiling tile
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	5th floor
Total Approximate Quantity	7350
Total Count	{ 2 }
Total Count (number only)	2

{ 2 }, CT, 2, 2'x2', Ceiling tile, 2

Hearing room

Sample Location	Hearing room
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-01-31
Time	10:05

Office 23

Sample Location	Office 23
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-01-31
Time	10:05

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CT, 2, 2'x2'
Material Description	Ceiling tile
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	Small areas 5th floor
Total Approximate Quantity	50 square feet
Total Count	{ 2 }
Total Count (number only)	2

{ 2 }, CT, 3, 2'x4', Smooth pinhole

North office

Sample Location	North office
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-01-31
Time	10:47

Conference rm

Sample Location	Conference rm
Analyze by Layer	No

Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-01-31
Time	10:48

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CT, 3, 2'x4'
Material Description	Smooth pinhole
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	5th floor north side office soffit by windows
Total Approximate Quantity	900sq ft
Total Count	{ 2 }

{ 2 }, FT, 1, 12"x12", White with green red. With yellow mastic

IDF room

Sample Location	IDF room
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	09:11

IDF room

Sample Location	IDF room
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	11:13

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FT, 1, 12'x12'
Material Description	White with green red. With yellow mastic
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	5th fl IDF room
Total Approximate Quantity	180 sqft
Total Count	{ 2 }

{ 2 }, CG, 1, Yellow carpet glue

5th fl by south elevator

Sample Location	5th fl by south elevator
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)

Grab or Composite	Grab
Date	2019-01-31
Time	11:22

5th fl by south elevator

Sample Location	5th fl by south elevator
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-01-31
Time	11:23

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CG, 1
Material Description	Yellow carpet glue
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	By south elevator
Total Approximate Quantity	100 sqft
Total Count	(2)

{ 3 }, FT, 2, 9"x9", Grey floor tile with black mastic

IDF room 5th fl

Sample Location	IDF room 5th fl
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	09:32

IDF room 5th fl

Sample Location	IDF room 5th fl
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	09:32

4rth fl middle court room

Sample Location	4rth fl middle court room
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-02-01
Time	10:20

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FT, 2, 9"x9"
Material Description	Grey floor tile with black mastic
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	5th fl IDF room 4th floor
Total Count	{ 3 }

{ 2 }, CG, 2, Green carpet glue

By south elevator

Sample Location	By south elevator
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-01-31
Time	11:27

5th fl by south elevator

Sample Location	5th fl by south elevator
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-01-31
Time	11:27

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CG, 2
Material Description	Green carpet glue
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	5th fl by south elevator
Total Approximate Quantity	100 sqft
Total Count	{ 2 }

{ 8 }, PL, 1, Plaster on ceiling

5th fl SE corner ceiling deck

Sample Location	5th fl SE corner ceiling deck
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-01-31
Time	11:40

5th fl north elevator

Sample Location	5th fl north elevator
-----------------	-----------------------

Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 11:40

5th fl middle area conf rm

Sample Location 5th fl middle area conf rm
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-01-31
Time 11:42

4th fl middle court rm

Sample Location 4th fl middle court rm
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 10:30

4th fl south wall by elevator

Sample Location 4th fl south wall by elevator
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 10:30

4th fl north hall wall

Sample Location 4th fl north hall wall
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 10:32

3rd fl west perimeter wall

Sample Location 3rd fl west perimeter wall
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 11:41

3rd fl SW corner wall

Sample Location	3rd fl SW corner wall
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	11:43

Material Information

Sampled or Assumed?	Sampled
Material Acronym	PL, 1
Material Description	Plaster on ceiling
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	Entire ceiling walls in stairwell and around elevator
Total Approximate Quantity	13000 sqft on 5th floor
Total Count	(8)

{ 3 }, SHR, 1, Sheetrock w/JC

Office 23

Sample Location	Office 23
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-01-31
Time	11:50

Room 13

Sample Location	Room 13
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-01-31
Time	11:51

Middle by conference rm

Sample Location	Middle by conference rm
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	11:20

Material Information

Sampled or Assumed?	Sampled
Material Acronym	SHR, 1

Material Description	Sheetrock w/JC
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	5th fl throughout
Total Approximate Quantity	?
Total Count	(3)

(2), CB, 1, Grey cove base with white adhesive

5th fl office 23

Sample Location	5th fl office 23
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-01-31
Time	11:58

5th fl middle store rm

Sample Location	5th fl middle store rm
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-01-31
Time	11:59

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CB, 1
Material Description	Grey cove base with white adhesive
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	5th fl throughout
Total Approximate Quantity	?
Total Count	(2)

(2), CB, 2, Blue cove base with yellow adhesive

IDF room

Sample Location	IDF room
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	09:04

IDF room

Sample Location	IDF room
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116

Grab or Composite	Grab
Date	2019-02-01
Time	12:02

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CB, 2
Material Description	Blue cove base with yellow adhesive
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	IDF room
Total Approximate Quantity	30 linear
Total Count	(2)

(2), WG, 1, Grey window glazing

5th fl south stair

Sample Location	5th fl south stair
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-01-31
Time	12:12

5th floor North stair

Sample Location	5th floor North stair
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-01-31
Time	12:13

Material Information

Sampled or Assumed?	Sampled
Material Acronym	WG, 1
Material Description	Grey window glazing
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	All windows on 5th fl
Total Approximate Quantity	?
Total Count	(2)

(6), FP, 1, Cementitious fire proofing on steel beams

Rm 23 east 5th fl

Sample Location	Rm 23 east 5th fl
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab

Date 2019-02-01
Time 12:03
Sample Location Photo



Rm 23 east by window 5th fl

Sample Location Rm 23 east by window 5th fl
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 12:04

Middle area outside rm 23 5th fl

Sample Location Middle area outside rm 23 5th fl
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 12:05

4rt fl court rm west side

Sample Location 4rt fl court rm west side
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab

Date 2019-02-01
Time 10:26

4rth fl court rm NW corner

Sample Location 4rth fl court rm NW corner
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 10:27

3rd fl IDF

Sample Location 3rd fl IDF
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 10:27

Material Information

Sampled or Assumed? Sampled
Material Acronym FP, 1
Material Description Cementitious fire proofing on steel beams
Is Material a Non-Friable Organically Bound (NOB) No
Homogeneous Area West side of floor ceiling deck
Total Approximate Quantity ?
Total Count (6)

(3), MF, 1, Grey mudded fitting

4rth fl court rm middle S

Sample Location 4rth fl court rm middle S
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 10:43

4rth fl court rm E

Sample Location 4rth fl court rm E
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 10:44

4rth fl court rm W

Sample Location	4rth fl court rm W
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	10:45

Material Information

Sampled or Assumed?	Sampled
Material Acronym	MF, 1
Material Description	Grey mudded fitting
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	4rth fl
Total Approximate Quantity	?
Total Count	{ 3 }

{ 5 }, CT, 4, 2'x4', Worm hole

4rth fl middle hall

Sample Location	4rth fl middle hall
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	10:49

4rth fl S hall

Sample Location	4rth fl S hall
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	10:51

3rd fl east

Sample Location	3rd fl east
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	09:03

3rd fl east

Sample Location	3rd fl east
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116

Grab or Composite	Grab
Date	2019-02-06
Time	09:04

1st fl north lobby

Sample Location	1st fl north lobby
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-07
Time	13:40

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CT, 4, 2'x4'
Material Description	Worm hole
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	4rth fl throughout
Total Approximate Quantity	?
Total Count	(5)

{ 3 }, SHR, 2, Sheetrock w/JC

4rth fl by south elevator

Sample Location	4rth fl by south elevator
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	10:55

4rth fl middle court rm

Sample Location	4rth fl middle court rm
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	10:56

4rth fl north desk

Sample Location	4rth fl north desk
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	10:58

Material Information

Sampled or Assumed?	Sampled
Material Acronym	SHR, 2
Material Description	Sheetrock w/JC
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	4rth fl throughout
Total Count	(3)

(2), FC, 1, Brown flex connector

South mechanical rm

Sample Location	South mechanical rm
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	11:02

4rth fl north mechanical rm

Sample Location	4rth fl north mechanical rm
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	11:03

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FC, 1
Material Description	Brown flex connector
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	4rth fl mechanical rm
Total Count	(2)

(2), WPG, 1, Black wall panel glue

4rth fl IDF rm

Sample Location	4rth fl IDF rm
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-02-01
Time	11:07

4rth fl middle court room

Sample Location	4rth fl middle court room
Analyze by Layer	No

Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-02-01
Time	11:09

Material Information

Sampled or Assumed?	Sampled
Material Acronym	WPG, 1
Material Description	Black wall panel glue
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	4rth fl
Total Count	(2)

(1), FD, 1, White hard pack

4rth fl south side by elevator

Sample Location	4rth fl south side by elevator
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	11:13

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FD, 1
Material Description	White hard pack
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	4rth fl
Total Count	(1)

(2), CG, 3, Yellow carpet glue

4rth fl south middle

Sample Location	4rth fl south middle
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	11:17

4rth fl north middle

Sample Location	4rth fl north middle
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-02-01

Time 11:18

Material Information

Sampled or Assumed? Sampled
Material Acronym CG, 3
Material Description Yellow carpet glue
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 4rth throughout
Total Count (2)

{ 2 }, CB, 3, Yellow cove base mastic from 4" brown

4rth fl north office

Sample Location 4rth fl north office
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 11:28

4rth fl north side office

Sample Location 4rth fl north side office
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 11:30

Material Information

Sampled or Assumed? Sampled
Material Acronym CB, 3
Material Description Yellow cove base mastic from 4" brown
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 4rth fl north side offices
Total Count (2)

{ 2 }, CB, 5, Brown cove base mastic from 6"

4rth fl IDF rm

Sample Location 4rth fl IDF rm
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-01
Time 11:34

4rth fl IDF rm

Sample Location	4rth fl IDF rm
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	11:35

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CB, 5
Material Description	Brown cove base mastic from 6"
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	4rth fl
Total Count	(2)

(2), CB, 6, Tan cove base mastic 6"

4rth fl north elevator lobby

Sample Location	4rth fl north elevator lobby
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite	Grab
Date	2019-02-01
Time	11:38

4rth fl hallway

Sample Location	4rth fl hallway
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-01
Time	11:39

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CB, 6
Material Description	Tan cove base mastic 6"
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	4rth fl
Total Count	(2)

(2), CB, 4, Black cove base mastic from 4"

4rth floor north office area

Sample Location	4rth floor north office area
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116 (w grav. red.)

Grab or Composite Grab
Date 2019-02-01
Time 11:47

4rth office area

Sample Location 4rth office area
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116 (w grav. red.)
Grab or Composite Grab
Date 2019-02-01
Time 11:49

Material Information

Sampled or Assumed? Sampled
Material Acronym CB, 4
Material Description Black cove base mastic from 4*
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 4rth fl
Total Count (2)

(2), DS1, Brown adhesive

3rd floor duct work

Sample Location 3rd floor duct work
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 08:34

3rd fl duct work

Sample Location 3rd fl duct work
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 08:38

Material Information

Sampled or Assumed? Sampled
Material Acronym DS1
Material Description Brown adhesive
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area On duct Insulation 3rd floor
Total Count (2)

(2), CT, 5, 2'x4', Small fissure pinhole

3rd fl west middle

Sample Location	3rd fl west middle
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	09:09

3rd fl west hall

Sample Location	3rd fl west hall
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	09:09

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CT, 5, 2'x4'
Material Description	Small fissure pinhole
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	3rd fl west side throughout
Total Count	(2)

(2), CG, 4, Green carpet glue

3rd fl

Sample Location	3rd fl
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	09:13

3rd fl mid west

Sample Location	3rd fl mid west
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	09:14

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CG, 4
Material Description	Green carpet glue

Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area West side throughout
Total Count (2)

(2), CB, 7, Brown mastic from black cove base

3rd fl west stairs

Sample Location 3rd fl west stairs
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 10:02

3rd fl west stairs

Sample Location 3rd fl west stairs
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 10:03

Material Information

Sampled or Assumed? Sampled
Material Acronym CB, 7
Material Description Brown mastic from black cove base
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 3rd fl west stairs
Total Count (2)

(2), CB, 8, Brown mastic from brown cove base

3rd fl by ramp

Sample Location 3rd fl by ramp
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 10:07

3rd fl west side by ramp

Sample Location 3rd fl west side by ramp
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 10:09

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CB, 8
Material Description	Brown mastic from brown cove base
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl west side by ramp
Total Count	(2)

{ 2 }, CB, 9, Tan mastic from cove base

3rd fl west middle

Sample Location	3rd fl west middle
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	10:13

3rd fl west side middle

Sample Location	3rd fl west side middle
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	10:14

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CB, 9
Material Description	Tan mastic from cove base
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl west middle
Total Count	(2)

{ 2 }, CB, 10, White mastic 4" black cove base

3rd fl west middle

Sample Location	3rd fl west middle
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	10:19

3rd fl west side middle

Sample Location	3rd fl west side middle
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Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	10:20

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CB, 10
Material Description	White mastic 4" black cove base
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl west middle
Total Count	(2)

(2), CG, 5, Red carpet glue

3rd fl SW storage rm

Sample Location	3rd fl SW storage rm
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	10:22

3rd fl SW storage

Sample Location	3rd fl SW storage
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	10:23

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CG, 5
Material Description	Red carpet glue
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl SW storage rm
Total Count	(2)

(2), FT, 3, 9"x9", 9x9 brown with black mastic

3rd fl men's bath

Sample Location	3rd fl men's bath
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab

Date 2019-02-05
Time 10:33

3rd fl men's bath

Sample Location 3rd fl men's bath
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 10:34

Material Information

Sampled or Assumed? Sampled
Material Acronym FT, 3, 9"x9"
Material Description 9x9 brown with black mastic
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 3rd fl men's bath
Total Count (2)

(2), FT, 4, 9"x9", Green ft with black mastic

3rd fl women bath

Sample Location 3rd fl women bath
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 10:38

3rd fl women's bath

Sample Location 3rd fl women's bath
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 10:38

Material Information

Sampled or Assumed? Sampled
Material Acronym FT, 4, 9"x9"
Material Description Green ft with black mastic
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 3rd fl women's bath
Total Count (2)

(2), FT, 5, 9"x9", Red floor tile with black mastic

3rd fl sw storage

Sample Location	3rd fl sw storage
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	10:41

3rd fl sw storage rm

Sample Location	3rd fl sw storage rm
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	10:43

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FT, 5, 9"x9"
Material Description	Red floor tile with black mastic
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl sw storage rm
Total Count	(2)

(2), FT, 6, 12"x12", Black with white spec no mastic

Representative Photos



3rd fl west ramp

Sample Location

Analyze by Layer

Asbestos Bulk Analysis

Grab or Composite

Date

Time

3rd fl west ramp

No

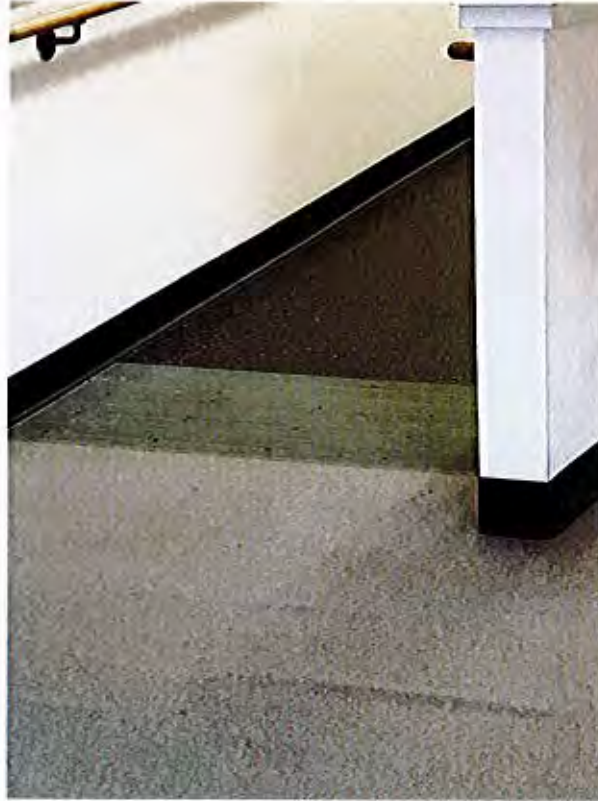
PLM EPA 600/R93/116

Grab

2019-02-05

11:25

Sample Location Photo



3rd fl west ramp

Sample Location	3rd fl west ramp
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	11:26

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FT, 6, 12"x12"
Material Description	Black with white spec no mastic
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl ramp
Total Count	(2)

(2), FT, 7, 12"x12", White with tan specs black mastic

3rd fl kitchen

Sample Location	3rd fl kitchen
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05

Time 11:32

3rd fl kitchen

Sample Location 3rd fl kitchen

Analyze by Layer Yes

Asbestos Bulk Analysis PLM EPA 600/R93/116

Grab or Composite Grab

Date 2019-02-05

Time 11:33

Sample Location Photo



Material Information

Sampled or Assumed? Sampled

Material Acronym FT, 7, 12"x12"

Material Description White with tan specs black mastic

Is Material a Non-Friable Organically Bound (NOB) Yes

Homogeneous Area 3rd fl kitchen area

Total Count (2)

(2), FT, 8, 9"x9", White fl tile black mastic

3rd fl west stairs

Sample Location 3rd fl west stairs

Analyze by Layer Yes

Asbestos Bulk Analysis PLM EPA 600/R93/116

Grab or Composite Grab

Date

2019-02-05

Time

11:36

Sample Location Photo



3rd fl west stairs

Sample Location	3rd fl west stairs
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	11:37

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FT, 8, 9"x9"
Material Description	White fl tile black mastic
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl west stairs
Total Count	(2)

(2), PL, 2, Scratch coat plaster

3rd fl west side middle

Sample Location	3rd fl west side middle
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	11:46

3rd fl west side ceiling deck in taracota

Sample Location	3rd fl west side ceiling deck in taracota
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	11:46

Material Information

Sampled or Assumed?	Sampled
Material Acronym	PL, 2
Material Description	Scratch coat plaster
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	Wall above ceiling
Total Count	(2)

(2), WG, 2, Window glazing

3rd fl west end north side

Sample Location	3rd fl west end north side
Analyze by Layer	No

Asbestos Bulk Analysis
Grab or Composite
Date
Time
Sample Location Photo

PLM EPA 600/R93/116
Grab
2019-02-05
11:50



3rd fl west end north side

Sample Location
Analyze by Layer
Asbestos Bulk Analysis
Grab or Composite
Date
Time

3rd fl west end north side
No
PLM EPA 600/R93/116
Grab
2019-02-05
11:52

Material Information

Sampled or Assumed?
Material Acronym
Material Description
Is Material a Non-Friable Organically Bound (NOB)
Homogeneous Area
Total Count

Sampled
WG, 2
Window glazing
Yes
3rd floor west end north side
(2)

(2), SHR, 3, Sheetrock panels no JC

3rd fl west side middle

Sample Location

3rd fl west side middle

Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	11:56

3rd fl west side middle

Sample Location	3rd fl west side middle
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	11:57

Material Information

Sampled or Assumed?	Sampled
Material Acronym	SHR, 3
Material Description	Sheetrock panels no JC
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	3rd fl west side
Total Count	(2)

{ 2 }, SHR, 4, Sheetrock with JC

3rd fl west closet

Sample Location	3rd fl west closet
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	12:01

3rd fl west side closet

Sample Location	3rd fl west side closet
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	12:03

Material Information

Sampled or Assumed?	Sampled
Material Acronym	SHR, 4
Material Description	Sheetrock with JC
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	3rd fl west side closet

Total Count (2)

(2), TC, 1, Troweled on cement

3rd fl west side ceiling

Sample Location 3rd fl west side ceiling
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 12:08

3rd fl west side ceiling

Sample Location 3rd fl west side ceiling
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 14:22

Material Information

Sampled or Assumed? Sampled
Material Acronym TC, 1
Material Description Troweled on cement
Is Material a Non-Friable Organically Bound (NOB) No
Homogeneous Area 3rd fl west side ceiling
Total Count (2)

(2), CB, 11, Tan cove base mastic from black 4"

3rd fl kitchen area

Sample Location 3rd fl kitchen area
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 14:28

3rd fl kitchen area

Sample Location 3rd fl kitchen area
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-05
Time 14:28

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CB, 11
Material Description	Tan cove base mastic from black 4"
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl kitchen area
Total Count	(2)

(2), TP1, Textured plaster on walls

3rd fl mechanical rm Wall E

Sample Location	3rd fl mechanical rm Wall E
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	14:31

3rd fl mechanical rm beams

Sample Location	3rd fl mechanical rm beams
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	14:34

Material Information

Sampled or Assumed?	Sampled
Material Acronym	TP1
Material Description	Textured plaster on walls
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	3rd fl mechanical rm
Total Count	(2)

(2), G, 1, Gypsum

Ceiling to Stairs to 3rd fl mechanical rm

Sample Location	Ceiling to Stairs to 3rd fl mechanical rm
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	14:39

Ceiling to of stairs to 3rd floor mechanical rm

Sample Location	Ceiling to of stairs to 3rd floor mechanical rm
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116

Grab or Composite	Grab
Date	2019-02-05
Time	14:41

Material Information

Sampled or Assumed?	Sampled
Material Acronym	G, 1
Material Description	Gypsum
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl ceiling in stairwell to 3rd fl mechanical
Total Count	{ 2 }

{ 2 }, WG, 3, Grey thick window glazing

3rd fl mechanical room int

Sample Location	3rd fl mechanical room int
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	14:49

3rd fl mechanical rm interior

Sample Location	3rd fl mechanical rm interior
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-05
Time	14:49

Material Information

Sampled or Assumed?	Sampled
Material Acronym	WG, 3
Material Description	Grey thick window glazing
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	3rd fl mechanical room interior
Total Count	{ 2 }

{ 2 }, WP1, White textured wall paper

2nd fl hall main by east west

Sample Location	2nd fl hall main by east west
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-06
Time	15:09

Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-06
Time	15:11

Material Information

Sampled or Assumed?	Sampled
Material Acronym	WP1
Material Description	White textured wall paper
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	Main Hall between east West
Total Count	(2)

(2), CG, 6, Grey carpet glue

2nd fl east side north conf rm

Sample Location	2nd fl east side north conf rm
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-06
Time	15:18

2nd fl main area

Sample Location	2nd fl main area
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-06
Time	15:19

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CG, 6
Material Description	Grey carpet glue
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	2nd fl east side
Total Count	(2)

(2), CG, 7, White carpet glue

2nd fl east conf

Sample Location	2nd fl east conf
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab

Date 2019-02-06
Time 15:22

2nd fl east side middle

Sample Location 2nd fl east side middle
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 15:23

Material Information

Sampled or Assumed? Sampled
Material Acronym CG, 7
Material Description White carpet glue
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 2nd floor east
Total Count (2)

(2), CB, 12, Tan mastic from white cove base

2nd fl main office

Sample Location 2nd fl main office
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 15:28

2nd fl east conf rm

Sample Location 2nd fl east conf rm
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 15:30

Material Information

Sampled or Assumed? Sampled
Material Acronym CB, 12
Material Description Tan mastic from white cove base
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 2nd fl east side conf rm
Total Count (2)

(2), CB, 13, White mastic in dark grey cove base

2nd fl west

Sample Location 2nd fl west
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 15:40

2nd fl west side

Sample Location 2nd fl west side
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 15:44

Material Information

Sampled or Assumed? Sampled
Material Acronym CB, 13
Material Description White mastic in dark grey cove base
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 2nd fl west side
Total Count (2)

(2), CB, 14, Yellow mastic on light grey cove base

2nd fl elevator lobby

Sample Location 2nd fl elevator lobby
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 15:48

2nd fl north elevator lobby

Sample Location 2nd fl north elevator lobby
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 15:50

Material Information

Sampled or Assumed? Sampled
Material Acronym CB, 14
Material Description Yellow mastic on light grey cove base

Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 2nd fl elevator lobby
Total Count (2)

{ 2 }, CB, 15, Tan mastic on maroon cove base

2nd fl

Sample Location 2nd fl
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 15:53

2nd fl hall

Sample Location 2nd fl hall
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-06
Time 15:55

Material Information

Sampled or Assumed? Sampled
Material Acronym CB, 15
Material Description Tan mastic on maroon cove base
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 2nd fl main corridor by east west
Total Count (2)

{ 2 }, FL, 1, Brown floor leveler

1st fl main hall E

Sample Location 1st fl main hall E
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 13:43

Sample Location Photo



1st fl main hall W

Sample Location	1st fl main hall W
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-07
Time	13:44

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FL, 1
Material Description	Brown floor leveler
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	1st fl middle hall
Total Count	(2)

(2), CG, 8, Yellow carpet glue

1 st fl hearing room

Sample Location	1 st fl hearing room
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-07

Time 14:02

1st fl hearing room

Sample Location 1st fl hearing room
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 14:02

Material Information

Sampled or Assumed? Sampled
Material Acronym CG, 8
Material Description Yellow carpet glue
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 1st floor hearing room
Total Count (2)

(2), CB, 16, Tan mastic from blue cove base

1st fl west side kitchen

Sample Location 1st fl west side kitchen
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 14:07

1st fl west side kitchen

Sample Location 1st fl west side kitchen
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 14:08

Material Information

Sampled or Assumed? Sampled
Material Acronym CB, 16
Material Description Tan mastic from blue cove base
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 1st fl west side kitchen
Total Count (2)

(2), CB, 17, Yellow adhesive from tan cove base

1st fl north lobby

Sample Location 1st fl north lobby
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 14:12

1st fl north lobby

Sample Location 1st fl north lobby
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 14:13

Material Information

Sampled or Assumed? Sampled
Material Acronym CB, 17
Material Description Yellow adhesive from tan cove base
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area 1st fl north lobby
Total Count (2)

(2), FT, 9, 12"x12", Blue floor tile with yellow mastic

1st fl kitchen

Sample Location 1st fl kitchen
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 14:49

1st fl kitchen

Sample Location 1st fl kitchen
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 14:49

Material Information

Sampled or Assumed? Sampled
Material Acronym FT, 9, 12"x12"
Material Description Blue floor tile with yellow mastic
Is Material a Non-Friable Organically Bound (NOB) Yes

Homogeneous Area 1st floor kitchen
Total Count { 2 }

{ 2 }, FL, 2, Grey floor leveler

1st fl west side SE

Sample Location 1st fl west side SE
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 14:53

1st fl West side NE

Sample Location 1st fl West side NE
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 14:54

Material Information

Sampled or Assumed? Sampled
Material Acronym FL, 2
Material Description Grey floor leveler
Is Material a Non-Friable Organically Bound (NOB) No
Homogeneous Area 1st fl west side N
Total Count { 2 }

{ 2 }, FT, 10, 12"x12", White floor tile blue streak with yellow mastic

Ground fl middle

Sample Location Ground fl middle
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 600/R93/116
Grab or Composite Grab
Date 2019-02-07
Time 15:01

Sample Location Photo



Ground fl middle west

Sample Location	Ground fl middle west
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-07
Time	15:02

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FT, 10, 12"x12"
Material Description	White floor tile blue streak with yellow mastic
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	Ground fl throughout
Total Count	(2)

(1), DS, 1, End cap duct sealer

Ground fl middle

Sample Location	Ground fl middle
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-07

Time 15:05

Material Information

Sampled or Assumed? Sampled
Material Acronym DS, 1
Material Description End cap duct sealer
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area Ground fl middle on fiberglass pipe
Total Count (1)

TP, Transits panels

Material Information

Sampled or Assumed? Sampled
Material Acronym TP
Material Description Transits panels
Is Material a Non-Friable Organically Bound (NOB) No
Homogeneous Area 4th fl and 3rd floor east side
Notes Previously sampled 2004

MCT, Fiberglass insulation asbestos wrap in metal pan

Material Information

Sampled or Assumed? Sampled
Material Acronym MCT
Material Description Fiberglass insulation asbestos wrap in metal pan
Is Material a Non-Friable Organically Bound (NOB) No
Homogeneous Area 4th floor ceiling 3rd floor ceiling east side
Notes Sampled 2010
8800sqft on both 3rd and 4th floors

(2), FT, 11, 12"x12", Green floor tile with yellow mastic , 2

Basement store rm #1

Sample Location Basement store rm #1
Analyze by Layer Yes
Asbestos Bulk Analysis PLM EPA 800/R93/116
Grab or Composite Grab
Date 2019-02-11
Time 14:13

Sample Location Photo



Basement store rm #1

Sample Location	Basement store rm #1
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-11
Time	14:14

Material Information

Sampled or Assumed?	Sampled
Material Acronym	FT, 11, 12"x12"
Material Description	Green floor tile with yellow mastic
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	Basement store rm #1
Total Count	(2)
Total Count (number only)	2

(2), FT, 12, 12"x12", Black floor tile grey mastic , 2

Basement store rm #1

Sample Location	Basement store rm #1
Analyze by Layer	Yes
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab

Date
Time
Sample Location Photo

2019-02-11
14:16



Basement store rm #1

Sample Location
Analyze by Layer
Asbestos Bulk Analysis
Grab or Composite
Date
Time

Basement store rm #1
Yes
PLM EPA 600/R93/116
Grab
2019-02-11
14:17

Material Information

Sampled or Assumed?
Material Acronym
Material Description
Is Material a Non-Friable Organically Bound (NOB)
Homogeneous Area
Total Count
Total Count (number only)

Sampled
FT, 12, 12"x12"
Black floor tile grey mastic
Yes
Basement rm #1
(2)
2

(3), MF, 2, Mud fitting on 8" pipe, 3

Ground fl south east area

Sample Location
Analyze by Layer

Ground fl south east area
No

Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-11
Time	14:21

Ground fl South east area below ceiling

Sample Location	Ground fl South east area below ceiling
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-11
Time	14:23

Ground floor south east area

Sample Location	Ground floor south east area
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-11
Time	14:25

Material Information

Sampled or Assumed?	Sampled
Material Acronym	MF, 2
Material Description	Mud fitting on 8" pipe
Is Material a Non-Friable Organically Bound (NOB)	No
Homogeneous Area	Ground floor south east area
Total Approximate Quantity	8 fittings in area
Total Count	{ 3 }
Total Count (number only)	3

(2), CB, 18, Yellow mastic from blue 4" cove base, 2

Ground fl east

Sample Location	Ground fl east
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-11
Time	14:30

Sample Location Photo



Ground floor west

Sample Location	Ground floor west
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	2019-02-11
Time	14:31

Material Information

Sampled or Assumed?	Sampled
Material Acronym	CB, 18
Material Description	Yellow mastic from blue 4" cove base
Is Material a Non-Friable Organically Bound (NOB)	Yes
Homogeneous Area	Ground fl throughout
Total Count	(2)
Total Count (number only)	2

(2), CG, 9, Black Carpet Glue, 2

North Elevator

Sample Location	North Elevator
Analyze by Layer	No
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab

Date 2019-02-13
Time 13:57

South Elevator

Sample Location South Elevator
Analyze by Layer No
Asbestos Bulk Analysis PLM EPA 800/R93/116
Grab or Composite Grab
Date 2019-02-13
Time 14:05

Material Information

Sampled or Assumed? Sampled
Material Acronym CG, 9
Material Description Black Carpet Glue
Is Material a Non-Friable Organically Bound (NOB) Yes
Homogeneous Area North Elevator
Total Count (2)
Total Count (number only) 2

XRF Section

Niton XRF Model No. 24792
XRF Survey Completed Yes
XRF Data Downloaded Yes
XRF Shots >1.0 on non-metallic building materials Yes
Date Data Downloaded 2019-02-10

HAZMAT Inventory Section

5th floor

Inventory Area Description 5th floor

Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Description Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)
HAZMAT Item Quantity 49

Universal Waste (UW), Fluorescent bulbs

HAZMAT Item Description Universal Waste (UW), Fluorescent bulbs
HAZMAT Item Quantity 120

Exit signs

HAZMAT Item Description Exit signs
HAZMAT Item Quantity 3

Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Description Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)
HAZMAT Item Common Name Fire strobe light

HAZMAT Item Quantity 3

Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Description Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Quantity 6

Miscellaneous, Smoke Detectors (LLRW)

HAZMAT Item Description Miscellaneous, Smoke Detectors (LLRW/Circuit Boards)

HAZMAT Item Quantity 11

Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Description Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Quantity 8

Universal Waste (UW), Mercury Thermostats (Ampoule)

HAZMAT Item Description Universal Waste (UW), Mercury Thermostats (Ampoule)

HAZMAT Item Quantity 2

Fire alarm switch

HAZMAT Item Description Fire alarm switch

Fire door

HAZMAT Item Description Fire door

HAZMAT Item Common Name Fire switch

HAZMAT Item Quantity 5

Cfls

HAZMAT Item Description Cfls

HAZMAT Item Common Name Fire door

HAZMAT Item Quantity 5

4th floor

Inventory Area Description 4th floor

Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Description Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Quantity 133

Connecticut Regulated Waste (CRW CR01-CR05), Fluorescent light

HAZMAT Item Description Connecticut Regulated Waste (CRW CR01-CR05), Fluorescent light

HAZMAT Item Common Name Fluorescent tubes

HAZMAT Item Quantity 195

Universal Waste (UW), Exit Sign Batteries (Circuit boards/Hg Lamps/Batteries)

HAZMAT Item Description Universal Waste (UW), Exit Sign Batteries (Circuit boards/Hg Lamps/Batteries)

HAZMAT Item Quantity 3

Connecticut Regulated Waste (CRW CR01-CR05), Fire Extinguisher (CR05)

HAZMAT Item Description Connecticut Regulated Waste (CRW CR01-CR05), Fire Extinguisher (CR05)

HAZMAT Item Quantity 37

Fire strobe light

HAZMAT Item Description Fire strobe light

HAZMAT Item Quantity 6

Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Description Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Quantity 5

Miscellaneous, Smoke Detectors (LLRW)

HAZMAT Item Description Miscellaneous, Smoke Detectors (LLRW/Circuit Boards)

HAZMAT Item Quantity 9

Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Description Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Quantity 1

Universal Waste (UW), Mercury Thermostats (Ampoule)

HAZMAT Item Description Universal Waste (UW), Mercury Thermostats (Ampoule)

HAZMAT Item Quantity 2

Fire alarm switch

HAZMAT Item Description Fire alarm switch

HAZMAT Item Quantity 5

Fire door

HAZMAT Item Description Fire door

HAZMAT Item Quantity 5

3rd floor

Inventory Area Description 3rd floor

Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Description Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Quantity 278

Fluorescent tubes

HAZMAT Item Description Fluorescent tubes

HAZMAT Item Quantity 620

Exit signs

HAZMAT Item Description Exit signs

HAZMAT Item Quantity 5

Connecticut Regulated Waste (CRW CR01-CR05), Fire Extinguisher (CR05)

HAZMAT Item Description Connecticut Regulated Waste (CRW CR01-CR05), Fire Extinguisher (CR05)

HAZMAT Item Quantity 6

Fire strobe light

HAZMAT Item Description	Fire strobe light
HAZMAT Item Quantity	12

Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Description	Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)
HAZMAT Item Quantity	10

Miscellaneous, Smoke Detectors (LLRW)

HAZMAT Item Description	Miscellaneous, Smoke Detectors (LLRW/Circuit Boards)
HAZMAT Item Quantity	13

Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Description	Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)
HAZMAT Item Quantity	7

Universal Waste (UW), Mercury Thermostats (Ampoule)

HAZMAT Item Description	Universal Waste (UW), Mercury Thermostats (Ampoule)
HAZMAT Item Quantity	10

Fire alarm switch

HAZMAT Item Description	Fire alarm switch
HAZMAT Item Quantity	5

Fire door

HAZMAT Item Description	Fire door
HAZMAT Item Quantity	5

2nd floor

Inventory Area Description	2nd floor
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Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Description	Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)
HAZMAT Item Quantity	281

Fluorescent lights

HAZMAT Item Description	Fluorescent lights
HAZMAT Item Quantity	788

Exit signs

HAZMAT Item Description	Exit signs
HAZMAT Item Quantity	14

Fire strobe lights

HAZMAT Item Description	Fire strobe lights
HAZMAT Item Quantity	8

Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Description	Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)
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HAZMAT Item Quantity 12

Miscellaneous, Smoke Detectors (LLRW)

HAZMAT Item Description Miscellaneous, Smoke Detectors (LLRW/Circuit Boards)

HAZMAT Item Quantity 1

Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Description Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Quantity 1

Universal Waste (UW), Mercury Thermostats (Ampoule)

HAZMAT Item Description Universal Waste (UW), Mercury Thermostats (Ampoule)

HAZMAT Item Quantity 12

Fire alarm switch

HAZMAT Item Description Fire alarm switch

HAZMAT Item Quantity 4

Fire door

HAZMAT Item Description Fire door

HAZMAT Item Quantity 5

1st floor

Inventory Area Description 1st floor

Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Description Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Quantity 161

Fluorescent lights

HAZMAT Item Description Fluorescent lights

HAZMAT Item Quantity 344

Exit signs

HAZMAT Item Description Exit signs

HAZMAT Item Quantity 6

Fire strobe lights

HAZMAT Item Description Fire strobe lights

HAZMAT Item Quantity 9

Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Description Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Quantity 7

Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Description Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Quantity 4

Universal Waste (UW), Mercury Thermostats (Ampoule)

HAZMAT Item Description	Universal Waste (UW), Mercury Thermostats (Ampoule)
HAZMAT Item Quantity	7

Fire alarm switch

HAZMAT Item Description	Fire alarm switch
HAZMAT Item Quantity	3

Fire door

HAZMAT Item Description	Fire door
HAZMAT Item Quantity	5

Ground floor

Inventory Area Description	Ground floor
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Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Description	Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)
HAZMAT Item Quantity	139

Fluorescent e

HAZMAT Item Description	Fluorescent e
HAZMAT Item Quantity	288

Exit signs

HAZMAT Item Description	Exit signs
HAZMAT Item Quantity	11

Fire strobe lights

HAZMAT Item Description	Fire strobe lights
HAZMAT Item Quantity	13

Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Description	Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)
HAZMAT Item Quantity	18

Miscellaneous, Smoke Detectors (LLRW)

HAZMAT Item Description	Miscellaneous, Smoke Detectors (LLRW/Circuit Boards)
HAZMAT Item Quantity	15

Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Description	Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)
HAZMAT Item Quantity	1

Universal Waste (UW), Mercury Thermostats (Ampoule)

HAZMAT Item Description	Universal Waste (UW), Mercury Thermostats (Ampoule)
HAZMAT Item Quantity	4

Fire alarm switch

HAZMAT Item Description	Fire alarm switch
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HAZMAT Item Quantity 2

Fire door

HAZMAT Item Description Fire door

HAZMAT Item Quantity 7

Basement

Inventory Area Description Basement

Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Description Universal Waste (UW), Electronic Light Ballasts (Circuit Boards)

HAZMAT Item Quantity 45

Universal Waste (UW), Compact Fluorescent (Lamps)

HAZMAT Item Description Universal Waste (UW), Compact Fluorescent (Lamps)

HAZMAT Item Quantity 92

Connecticut Regulated Waste (CRW CR01-CR05), Fire Extinguisher (CR05)

HAZMAT Item Description Connecticut Regulated Waste (CRW CR01-CR05), Fire Extinguisher (CR05)

HAZMAT Item Quantity 4

Fire strobe lights

HAZMAT Item Description Fire strobe lights

HAZMAT Item Quantity 4

Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Description Universal Waste (UW), Emergency Lighting (Batteries/Hg Lamps)

HAZMAT Item Quantity 7

Miscellaneous, Smoke Detectors (LLRW)

HAZMAT Item Description Miscellaneous, Smoke Detectors (LLRW/Circuit Boards)

HAZMAT Item Quantity 6

Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Description Universal Waste (UW), Motion Sensors/Heat Sensors (Circuit boards)

HAZMAT Item Quantity 5

Fire alarm switch

HAZMAT Item Description Fire alarm switch

HAZMAT Item Quantity 2

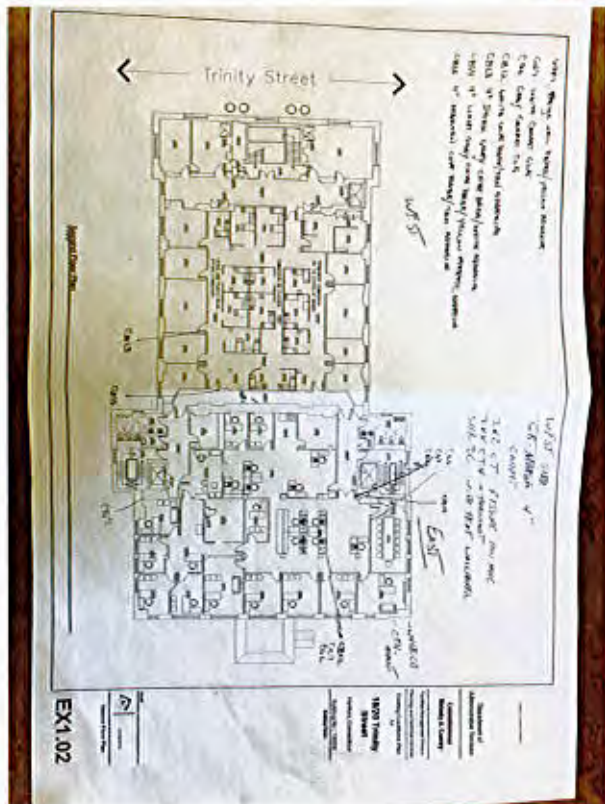
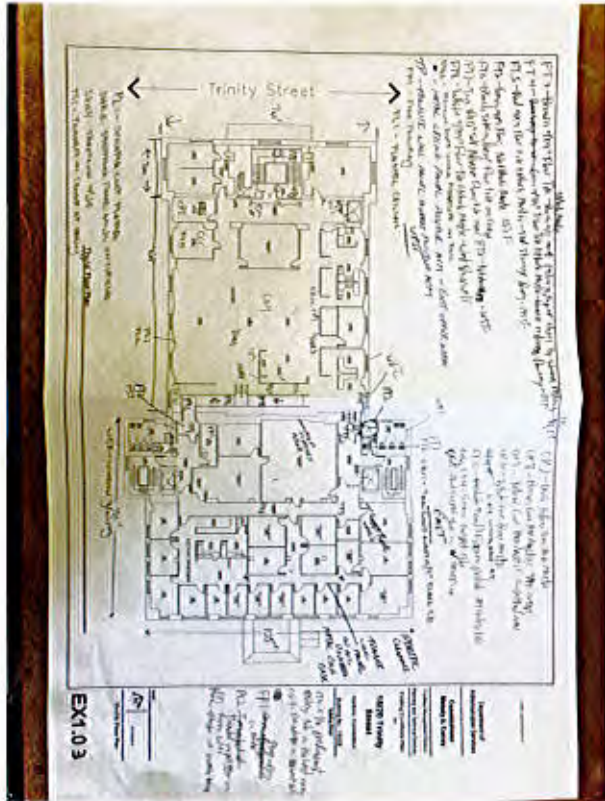
Fire door

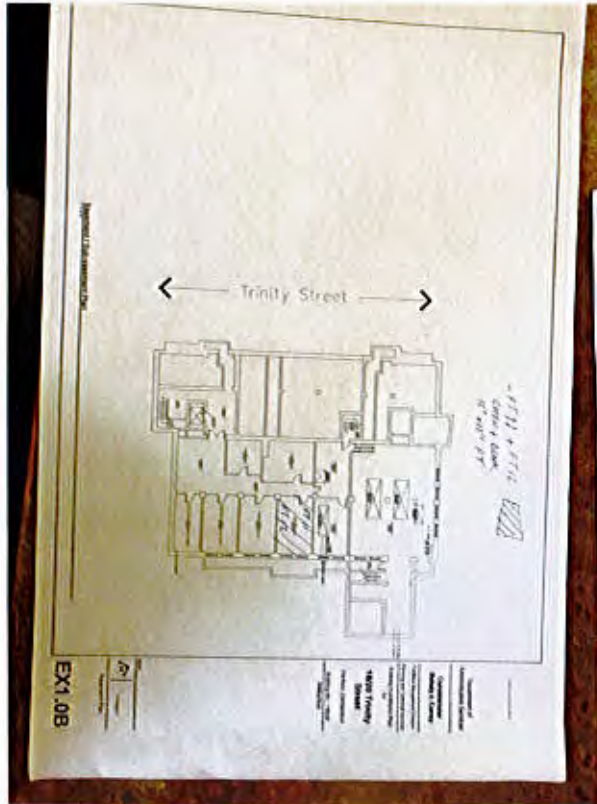
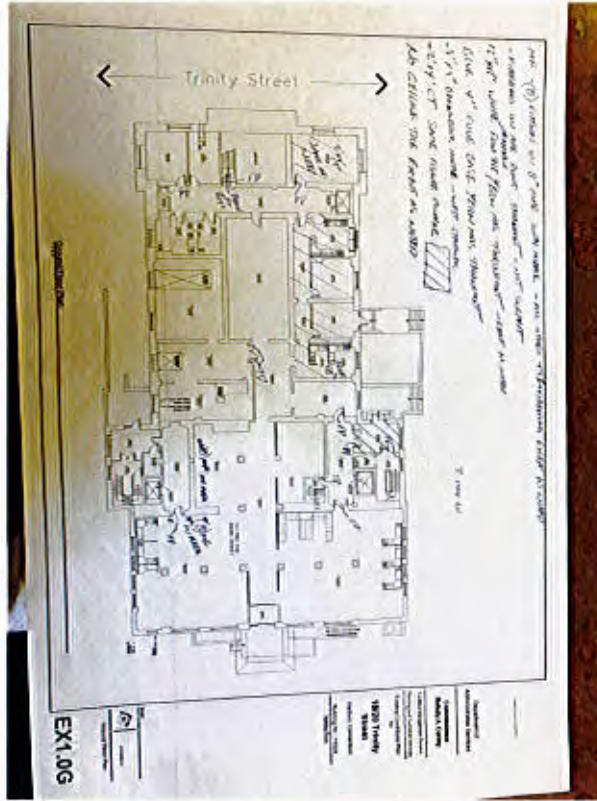
HAZMAT Item Description Fire door

HAZMAT Item Quantity 5

General Information

Site Sketch Diagrams





Asbestos Samples Submitted to TRC Lab
 Date Submitted to Lab
 App Name

Yes
 2019-02-13
 WinBSI HBM Survey 1.0

Generate Report Documentation

Select one or more documents below to be generated. Once completed in the cloud, they will be sent to the listed email address. Please report any difficulties or errors to Justin Coleman.

What documents should be generated?	Asbestos chain-of-custody
Where should the document(s) be sent?	cjacko@trcsolutions.com
Generate Documents	N/A