HAZARDOUS MATERIALS INSPECTION REPORT

90 Washington Street
Somerville, MA 02143

September 2019

TRC Project No: 308710.0000.0000

Prepared For:
City of Somerville
93 Highland Avenue
Somerville, MA 02143

Prepared By:
TRC Environmental Corporation
2 Liberty Square, 6th Floor
Boston, MA 02109

David J. Gavin, PMP
TRC Industrial Hygienist

N. Scott Buchanan
TRC Project Manager

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1.0 PROJECT OUTLINE

Project Address:	90 Washington Street Somerville, MA 02143
TRC Project No.:	308710.0000.0000
TRC Project Manager:	N. Scott Buchanan
Asbestos Inspector(s):	David J. Gavin (AI054270)
Date(s) of Inspection:	July 8, 2019 – August 12, 2019
No. Building(s):	One
Construction Date(s):	1982
Asbestos-Containing Material(s) Identified:	Yes
Lead-Containing Paint Identified:	Yes
Polychlorinated Biphenyls (Bulk Product)	No
Additional Hazardous/Regulated Materials:	Yes

2.0 EXECUTIVE SUMMARY

TRC Environmental Corporation (TRC) conducted a hazardous building materials inspection at 90 Washington Street, Somerville, Massachusetts 02143 (the "Site") during multiple visits between July 8, 2019 and August 12, 2019. The work was performed for the City of Somerville.

The purpose of this assessment was to evaluate the presence of asbestos-containing materials (ACM), lead-containing paint (LCP), polychlorinated biphenyls (PCBs) and other hazardous/regulated materials throughout the building(s) that will require remediation and/or disposal prior to proposed renovation activities.

The approximately 3.99-acre Site is located at 90 Washington Street, Somerville, Middlesex County, Massachusetts, in a mixed commercial/industrial/residential area. The Site is described by the Somerville tax assessor as Parcel ID 106/A/3/B and is zoned as commercial. The Site is currently a vacant shopping plaza and the eastern portion of the Site is an active parking lot for the eastern-adjacent Cobble Hill apartment complex located at 84 Washington Street.

The asbestos survey was performed in accordance with the United States Environmental Protection Agency (USEPA) Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763 Subpart E) sampling guidelines; Occupational Safety and Health Administration (OSHA) Asbestos Standards; Massachusetts Department of Environmental Protection (MassDEP), and the Massachusetts Department of Labor Standards (DLS) requirements.

Reasonable measures were taken to sample normally suspect ACM within the inspection areas. The survey is representative only of items present as of the date of the survey. The survey did not include hazardous materials associated with potential underground contamination or structures, underground storage tanks/vaults or oil/water separators, utilities, etc.

TRC determined at the time of the inspection that ACM, LCP, PCBs and universal wastes are present throughout the Site building(s). A summary of ACM/LCP/PCBs/hazardous/regulated materials identified during the inspection are provided in Tables 1, 2, 3 and Appendix E.

2.1 Asbestos-Containing Materials (ACM)

TRC collected two hundred seventy-six (276) bulk samples of building materials suspected to contain asbestos. Samples were submitted with the instruction to the laboratory to stop analyzing the remaining samples of the same homogeneous material if the first sample contains greater than one percent asbestos. As a result, a total of two hundred sixty-nine (269) samples were analyzed. The samples were delivered under proper chain of custody to TRC's laboratory located in Windsor, CT. TRC is a National Voluntary Laboratory Accreditation Program (NVLAP) certified laboratory (NVLAP code # 101424-0) and a Massachusetts DLS certified laboratory (certification #AA000052).

Bulk samples were analyzed by polarized light microscopy (PLM) utilizing the EPA's Test Methods: Methods for the Determination of Asbestos in Bulk Building Materials (EPA 600/R-93/116).

Analytical results revealed that seven (7) building materials sampled contained ≥1% asbestos. A summary of identified ACM is provided in Table 1. A copy of the ACM laboratory analytical report(s) is provided in Appendix A.

2.1.1 Recommendations

TRC recommends the following:

1. Prior to the start of any construction activity, a DLS certified Project Designer should prepare a work plan/specification for abatement of all ACM/ACWM that may be disturbed by renovation or demolition activities.

2. In accordance with USEPA Regulation 40 CFR 61.145 (*Standard for Demolition and Renovation)*, all regulated ACM must be removed from a facility prior to the start of renovation or demolition activities if the materials may be disturbed by these activities. A licensed asbestos removal contractor should remove identified ACM from the building prior to renovation/demolition activities in accordance with OSHA, USEPA, DLS, and MassDEP standards for asbestos abatement/disposal.

3. Additional ACM may be present in inaccessible areas such as below grade on the foundation, utility/mechanical chases, roof systems etc. If additional suspect ACM is encountered during building renovation activities, precautions should be taken to prevent disturbance of the material and bulk sampling and laboratory analysis should be performed to determine if asbestos is present in these materials.

4. A copy of this survey report be maintained onsite by the owner of the facility for a minimum of two years. If the facility is unstaffed or demolished, the report should be maintained at the owner's regular place of business.

2.2 Lead-Containing Paint (LCP)

Lead paint testing was performed to evaluate the lead content of selected painted building components that may be impacted during construction activities. The lead content of painted surfaces was assessed using a portable XRF Spectrum Analyzer (NITON XLp 303AW; Serial No. 18580). The XRF Spectrum Analyzer uses a radioactive source to excite the electrons of lead atoms (if present) in paints. As the lead atom electrons return to their normal state, they emit X-rays, which are counted by the XRF Spectrum Analyzer. These data are processed and the results are converted to milligrams of lead per square centimeter (mg/cm^2) of sampled surface area.

The XRF testing results indicate that levels of lead on surfaces tested range between 0.05 mg/cm^2 (lower limit of quantification of the XRF) and 0.08 mg/cm^2. A summary of testing results via XRF is provided in Appendix B.

TRC collected twenty-five (25) paint chip samples to evaluate the lead content in paint. Various painted surfaces were observed on the interior and exterior of the Site building(s). The paint samples were submitted to Alpha Analytical Laboratory in Westborough, Massachusetts for analysis by atomic absorption spectrometry (AAS) to assess the lead content in the sampled paint(s).

Various paints sampled were identified to be above the analytical reporting limit for lead. Other paints may exist at this Site building(s) that were not sampled and potentially contain lead. A summary of LCP results can be found in Table 2. A copy of the LCP laboratory analytical report(s) is provided in Appendix C.

2.2.1 Recommendations

TRC recommends that contractors involved with renovation/demolition and debris handling comply with the requirements cited in OSHA's Lead in Construction Standard 29 CFR 1926.62. OSHA's Lead in Construction Standard applies to all construction work where an employee may be exposed to lead. All work related to construction, alteration, or repair, including painting and decorating, is included. Under this standard, construction includes, but is not limited to:

- Demolition or salvage of structures where lead or materials containing lead are present;
- Removal or encapsulation of materials containing lead;
- New construction, alteration, repair, or renovation of structures, substrates, or portions or materials containing lead;
- Installation of products containing lead;
- Lead contamination from emergency cleanup;
- Transportation, disposal, storage, or containment of lead or materials containing lead where construction activities are performed; and
- Maintenance operations associated with these construction activities.

Additionally, the contractors/employers need to comply with applicable federal, state and local requirements for characterization disposal of construction debris that may contain building materials coated with LCP.

2.3 Polychlorinated Biphenyls (PCBs)

TRC conducted a visual inspection, physical assessment, and bulk sampling of suspect PCB-containing caulking on exterior building components. Eleven (11) bulk samples were collected following a sampling strategy like the EPA's simplified sampling scheme for ACM and submitted to Alpha Analytical Laboratory in Westborough, Massachusetts for PCB analysis via EPA method 8082, with EPA Method 3540c, Soxhlet Extraction. Laboratory results of the caulking bulk samples did not identify the presence of PCBs.

Detailed results of the PCB sampling can be found in Table 3. A copy of the PCB analytical data report is provided in Appendix D.

2.4 Other Hazardous/Regulated Materials

TRC conducted a visual inspection to identify and quantify other potentially hazardous and regulated materials throughout the Site building(s) that require special handling prior to construction activities.

Following inventory procedures, TRC categorized these items according to their potential hazard. A summary of hazardous and regulated materials identified during the inspection is provided in Appendix E.

2.4.1 Recommendations

TRC recommends the following:

1. All mercury-containing devices should be removed from the Site building(s) prior to the start of renovation/demolition activities. Mercury containing devices such as mercury thermostats that are removed from the building should be treated by retort and distillation processes to recover and recycle the elemental mercury at a permitted facility. Contractors removing thermostats from the Site building(s) should use caution not to break the glass ampoules containing elemental mercury.

2. Fluorescent lamps should be disposed at an authorized lamp recycler, hazardous waste transporter, or other universal waste handler within one year of the date marked on the storage containers.

3. Fluorescent light fixture ballasts located throughout the building should be assumed to contain liquid PCBs and handled and disposed of in accordance with all federal, state and local regulations.

4. All other hazardous/regulated materials/wastes should be packaged by trained and licensed personnel and disposed of in accordance with all federal, state and local regulations.

3.0 LIMITATIONS

No expressed or implied representation or warranty is included in this assessment except that the services were performed within the limits of the scope of work authorized by the client and the encountered site conditions.

TABLE 1: SUMMARY OF IDENTIFIED ACM 90 WASHINGTON STREET SOMERVILLE, MA 02143		
LOCATION	**MATERIAL**	**ESTIMATED QUANTITY**
AREA 3 (FORMER BEAUTY SALON)		
Main Area	12” x 12” VAT (White w/ Blue Fleck) & Associated Mastic	850 SF
AREA 4 (FORMER LIVRARIA)		
Office Area	Sheet Flooring (Wood Pattern)	75 SF
AREA 6 (FORMER CORPORATE RESOURCE SERVICES)		
Main Area/Office Area/Restroom	12” x 12” VAT (Tan) & Associated Mastic **(Note 1)**	860 SF
AREA 7 (FORMER LAUNDROMAT)		
Main Area	Wood Panel Adhesive (Yellow/Brown)	200 SF
Restroom	12” x 12” VAT (Tan)	25 SF
EXTERIOR		
Roof	Flashing Sealant @ Chimney/Penetrations **(Note 2)**	50 SF

SF: Square Feet

Note 1: This was material is located beneath carpet and VCT throughout the space.

Note 2: This was material was inaccessible at the time of the inspection. TRC has assumed this material to be an ACM and the quantity is reflected in Table 1.

TABLE 2: SUMMARY OF LCP LABORATORY RESULTS 90 WASHINGTON STREET SOMERVILLE, MA 02143			
SAMPLE NUMBER	SAMPLE DESCRIPTION	LEAD CONCENTRATION MG/KG	REPORTING LIMIT (MG/KG)
AREA 1 (FORMER DUNKIN DONUTS)			
01	White – Wall – Gypsum Substrate – Dining Area	13.7	1.99
02	Tan – Wall – Gypsum Substrate – Dining Area	2.37	1.95
03	Orange – Wall – Gypsum Substrate – Storage Area	3.00	1.95
AREA 2 (FORMER PIZZA PARLOR)			
04	Yellow – Wall – Gypsum Substrate – Dining Area	9.05	1.98
05	Orange – Wall – Gypsum Substrate – Dining Area	13.3	1.88
06	Blue – Door – Metal Substrate – Restroom Area	27.2	1.91
AREA 3 (FORMER BEAUTY SALON)			
07	White – Wall – Gypsum Substrate – Main Area	6.08	1.88
08	Green – Wall – Gypsum Substrate – Main Area	ND	1.92
09	Purple – Wall – Gypsum Substrate – Main Area	ND	1.88
AREA 4 (FORMER LIVRARIA)			
10	White – Wall – Gypsum Substrate – Main Area	5.78	1.94
11	Off-White – Wall – Gypsum Substrate – Main Area	4.20	1.95
12	White – Wall – Gypsum Substrate – Restroom	7.37	1.92
AREA 5 (FORMER POTATO FREAK)			
13	Yellow – Wall – Gypsum Substrate – Dining Area	6.81	2.00
14	Red – Wall – Gypsum Substrate – Dining Area	ND	1.92
15	Brown – Wall – Gypsum Substrate – Men's Restroom	8.01	1.94
AREA 6 (FORMER CORPORATE RESOURCE SERVICES)			
16	Blue – Wall – Gypsum Substrate – Main Area	ND	1.96

TABLE 2: SUMMARY OF LCP LABORATORY RESULTS 90 WASHINGTON STREET SOMERVILLE, MA 02143			
SAMPLE NUMBER	**SAMPLE DESCRIPTION**	**LEAD CONCENTRATION MG/KG**	**REPORTING LIMIT (MG/KG)**
17	White – Wall – Gypsum Substrate – Main Area	ND	1.90
18	Lt. Blue – Wall – Gypsum Substrate – Restroom	ND	1.94
AREA 7 (FORMER LAUNDROMAT)			
19	Blue – Wall – Gypsum Substrate – Service/Storage Area	7.86	1.92
20	Orange – Wall – Gypsum Substrate – Service/Storage Area	2.34	1.96
21	White – Wall – Gypsum Substrate – Main Area	23.4	1.98
EXTERIOR			
22	White – Window Panel – Metal Substrate – Front	18.4	2.00
23	Lt. Brown – Wall – Brick Substrate – Front	23.2	1.95
24	Red – Door – Metal Substrate – Rear	36.7	1.94
25	White – Wall – Concrete Substrate – Rear	46.2	1.94

ND = Not Detected

TABLE 3: SUMMARY OF SUSPECT PCB CONTAINING MATERIAL RESULTS 90 WASHINGTON STREET SOMERVILLE, MA 02143				
SAMPLE NO.	LOCATION	MATRIX	TOTAL PCBS (MG/KG)	REPORTING LIMIT (MG/KG)
01	Exterior Door Caulking (Grey) – Front	Caulk	ND	0.275
02	Exterior Door Caulking (Grey) – Front	Caulk	ND	0.309
03	Exterior Door Caulking (Grey) – Front	Caulk	ND	0.273
04	Exterior Door Caulking (Brown) – Front	Caulk	ND	0.252
05	Exterior Door Caulking (Brown) – Front	Caulk	ND	0.262
06	Exterior Caulking Associated w/ Columns – Front	Caulk	ND	0.313
07	Exterior Roof Seam Caulking - Rear	Caulk	ND	0.328
08	Exterior Roof Seam Caulking - Rear	Caulk	ND	0.312
09	Exterior Roof Seam Caulking - Rear	Caulk	ND	0.279
10	Exterior Door Caulking (White) – Rear	Caulk	ND	0.324
11	Exterior Door Caulking (White) – Rear	Caulk	ND	0.310

ND = Not Detected

APPENDIX A

ACM LABORATORY ANALYTICAL REPORTS

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

Results you can rely on

BULK ASBESTOS ANALYSIS REPORT

CLIENT: City of Somerville

Lab Log #: 0054000
Project #: 308710.000HAZ.600006
Date Received: 07/15/2019
Date Analyzed: 07/18/2019

Site: 90 Washington Street, Somerville, MA

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
01-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
01-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
02-A	White/Grey (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
02-B	White/Grey (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
03-A	Grey (floor leveling compound)	Yes	No	- -	- - -	ND	None
03-B	Grey (floor leveling compound)	Yes	No	- -	- - -	ND	None
04-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
04-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
05-A	White/Black (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
05-B	White/Black (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
06-A	Grey (floor leveling compound)	Yes	No	- -	- - -	ND	None
06-B	Grey (leveling compound)	Yes	No	- -	- - -	ND	None
07-A	Black (mastic)	Yes	No	- -	- - -	ND	None
07-B	Black (mastic)	Yes	No	- -	- - -	ND	None
08-A	Pink (12"x12" vinyl tile)	Yes	No	- -	- - -	ND	None
08-B	Pink (12'x12" vinyl tile)	Yes	No	- -	- - -	ND	None
09-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
09-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
10-A	Beige/Grey (12"x12" vinyl tile)	Yes	No	- -		- - -	ND	None
10-B	Beige/Grey (12"x12" vinyl tile)	Yes	No	- -		- - -	ND	None
11-A	Grey (ceramic tile grout)	Yes	No	- -		- - -	ND	None
11-B	Grey (ceramic tile grout)	Yes	No	- -		- - -	ND	None
12-A	Grey (ceramic tile mortar)	Yes	No	- -		- - -	ND	None
12-B	Grey (ceramic tile mortar)	Yes	No	- -		- - -	ND	None
13-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	80% 10%	cellulose mineral wool	ND	None
13-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	80% 10%	cellulose mineral wool	ND	None
14-A	White (2'x4' gypsum board ceiling tile)	Yes	No	- -	2%	cellulose	ND	None
14-B	White (2'x4' gypsum board ceiling tile)	Yes	No	- -	2%	cellulose	ND	None
15-A	Cream (adhesive)	Yes	No	- -		- - -	ND	None
15-B	Cream (adhesive)	Yes	No	- -		- - -	ND	None
16-A	Black (cove base)	Yes	No	- -		- - -	ND	None
16-B	Black (cove base)	Yes	No	- -		- - -	ND	None
17-A	White (gypsum wallboard)	Yes	No	- -	2%	cellulose	ND	None
17-B	White (gypsum wallboard)	Yes	No	- -	2%	cellulose	ND	None
17-C	White (gypsum wallboard)	Yes	No	- -	2%	cellulose	ND	None
17-D	White (gypsum wallboard)	Yes	No	- -	2%	cellulose	ND	None
17-E	White (gypsum wallboard)	Yes	No	- -	2%	cellulose	ND	None
17-F	White (gypsum wallboard)	Yes	No	- -	2%	cellulose	ND	None
17-G	White (gypsum wallboard)	Yes	No	- -	2%	cellulose	ND	None
17-H	White (gypsum wallboard)	Yes	No	- -	2%	cellulose	ND	None

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Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
17-I	White (gypsum wallboard)	Yes	No	- -	2% cellulose	ND	None
18-A	White (joint compound)	Yes	No	- -	- - -	ND	None
18-B	White (joint compound)	Yes	No	- -	- - -	ND	None
18-C	White (joint compound)	Yes	No	- -	- - -	ND	None
18-D	White (joint compound)	Yes	No	- -	- - -	ND	None
18-E	White (joint compound)	Yes	No	- -	- - -	ND	None
18-F	White (joint compound)	Yes	No	- -	- - -	ND	None
18-G	White (joint compound)	Yes	No	- -	- - -	ND	None
18-H	White (joint compound)	Yes	No	- -	- - -	ND	None
18-I	White (joint compound)	Yes	No	- -	- - -	ND	None
19-A	White (wall panel adhesive)	Yes	No	- -	- - -	ND	None
19-B	White (wall panel adhesive)	Yes	No	- -	- - -	ND	None
20-A	White (sink caulking)	Yes	No	- -	- - -	ND	None
20-B	White (sink caulking)	Yes	No	- -	- - -	ND	None
21-A	Brown (counter backsplash adhesive)	Yes	No	- -	- - -	ND	None
21-B	Brown (counter backsplash adhesive)	Yes	No	- -	- - -	ND	None
22-A	Grey (duct sealant)	Yes	No	- -	- - -	ND	None
22-B	Grey (duct sealant)	Yes	No	- -	- - -	ND	None
23-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
23-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
24-A	Blue (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
24-B	Blue (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
25-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None

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Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
25-B	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
26-A	Red (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
26-B	Red (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
27-A	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
27-B	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
28-A	Tan (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
28-B	Tan (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
29-A	Tan (wood wall trim adhesive)	Yes	No	- -		- - -	ND	None
29-B	Tan (wood wall trim adhesive)	Yes	No	- -		- - -	ND	None
30-A	Tan (wall panel adhesive)	Yes	No	- -		- - -	ND	None
30-B	Tan (wall panel adhesive)	Yes	No	- -		- - -	ND	None
31-A	White/Grey (2'x2' ceiling tile)	Yes	No	- -	60% 10%	cellulose mineral wool	ND	None
31-B	White/Grey (2'x2' ceiling tile)	Yes	No	- -	60% 10%	cellulose mineral wool	ND	None
32-A	White (2'x2' ceiling tile)	Yes	No	- -	2%	cellulose	ND	None
32-B	White (2'x2' ceiling tile)	Yes	No	- -	2%	cellulose	ND	None
33-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	40% 40%	cellulose mineral wool	ND	None
33-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	40% 40%	cellulose mineral wool	ND	None
34-A	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
34-B	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
35-A	Blue (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
35-B	Blue (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
36-A	Tan (adhesive)	Yes	No	- -		- - -	ND	None

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Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
36-B	Tan (adhesive)	Yes	No	- -		- - -	ND	None
37-A	Black (cove base)	Yes	No	- -		- - -	ND	None
37-B	Black (cove base)	Yes	No	- -		- - -	ND	None
38-A	Cream (adhesive)	Yes	No	- -		- - -	ND	None
38-B	Cream (adhesive)	Yes	No	- -		- - -	ND	None
39-A	Grey (cove base)	Yes	No	- -		- - -	ND	None
39-B	Grey (cove base)	Yes	No	- -		- - -	ND	None
40-A	White (adhesive)	Yes	No	- -		- - -	ND	None
40-B	White (adhesive)	Yes	No	- -		- - -	ND	None
41-A	White/Grey (12"x12" sheet flooring)	Yes	No	- -	60%	cellulose	ND	None
41-B	White/Grey (12"x12" sheet flooring)	Yes	No	- -	60%	cellulose	ND	None
42-A	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
42-B	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
43-A	Tan (sheet flooring)	Yes	No	- -	60%	cellulose	ND	None
43-B	Tan (sheet flooring)	Yes	No	- -	60%	cellulose	ND	None
44-A	Black (mastic)	Yes	No	- -		- - -	5%	Chrysotile
44-B	- -	- -	- -	- -		- -	NA/PS	- -
45-A	White/Blue (12"x12" vinyl floor tile)	Yes	No	- -		- - -	2%	Chrysotile
45-B	- -	- -	- -	- -		- -	NA/PS	- -
46-A	Tan (mirror adhesive)	Yes	No	- -		- - -	ND	None
46-B	Tan (mirror adhesive)	Yes	No	- -		- - -	ND	None
47-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 10%	cellulose mineral wool	ND	None

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Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
47-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 10%	cellulose mineral wool	ND	None
48-A	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
48-B	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
49-A	Grey (cove base)	Yes	No	- -		- - -	ND	None
49-B	Grey (cove base)	Yes	No	- -		- - -	ND	None
50-A	White/Grey (2'x2' ceiling tile)	Yes	No	- -	30% 60%	cellulose mineral wool	ND	None
50-B	White/Grey (2'x2' ceiling tile)	Yes	No	- -	30% 60%	cellulose mineral wool	ND	None
51-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	10% 80%	cellulose mineral wool	ND	None
51-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	10% 80%	cellulose mineral wool	ND	None
52-A	Yellow (carpet adhesive)	Yes	No	- -		- - -	ND	None
52-B	Yellow (carpet adhesive)	Yes	No	- -		- - -	ND	None
53-A	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
53-B	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
54-A	Grey (cove base)	Yes	No	- -		- - -	ND	None
54-B	Grey (cove base)	Yes	No	- -		- - -	ND	None
55-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 20%	cellulose mineral wool	ND	None
55-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 20%	cellulose mineral wool	ND	None
56-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	30% 60%	cellulose mineral wool	ND	None
56-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	30% 60%	cellulose mineral wool	ND	None
57-A	Black (mastic)	Yes	No	- -		- - -	ND	None

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
57-B	Black (mastic)	Yes	No	- -	- - -	ND	None
58-A	Tan/Black (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
58-B	Tan/Black (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
59-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
59-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
60-A	Grey/Beige (3"x3" sheet flooring)	Yes	No	- -	- - -	ND	None
60-B	Grey/Beige (3"x3" sheet flooring)	Yes	No	- -	- - -	ND	None
61-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
61-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
62-A	Black (cove base)	Yes	No	- -	- - -	ND	None
62-B	Black (cove base)	Yes	No	- -	- - -	ND	None
63-A	White (adhesive)	Yes	No	- -	- - -	ND	None
63-B	White (adhesive)	Yes	No	- -	- - -	ND	None
64-A	Brown/Light Grey (wood patterned sheet flooring)	Yes	No	- -	- - -	60%	Chrysotile
64-B	- -	- -	- -	- -	- -	NA/PS	- -
65-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
65-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
66-A	Grey (12'x12' vinyl floor tile)	Yes	No	- -	- - -	ND	None
66-B	Grey (12'x12' vinyl floor tile)	Yes	No	- -	- - -	ND	None
67-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
67-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
68-A	Black (12'x12' vinyl floor tile)	Yes	No	- -	- - -	ND	None
68-B	Black (12'x12' vinyl floor tile)	Yes	No	- -	- - -	ND	None

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
69-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
69-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
70-A	White (12"x12" viny floor tile)	Yes	No	- -	- - -	ND	None
70-B	White (12"x12" viny floor tile)	Yes	No	- -	- - -	ND	None
71-A	Brown (mastic)	Yes	No	- -	- - -	ND	None
71-B	Brown (mastic)	Yes	No	- -	- - -	ND	None
72-A	Tan (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
72-B	Tan (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
73-A	Grey (ceramic tile grout)	Yes	No	- -	- - -	ND	None
73-B	Grey (ceramic tile grout)	Yes	No	- -	- - -	ND	None
74-A	Grey (ceramic tile mortar)	Yes	No	- -	- - -	ND	None
74-B	Grey (ceramic tile mortar)	Yes	No	- -	- - -	ND	None
75-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
75-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
76-A	Tan (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
76-B	Tan (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
77-A	Tan (wall panel adhesive)	Yes	No	- -	- - -	ND	None
77-B	Tan (wall panel adhesive)	Yes	No	- -	- - -	ND	None
78-A	Beige (adhesive)	Yes	No	- -	- - -	ND	None
78-B	Beige (adhesive)	Yes	No	- -	- - -	ND	None
79-A	Black (cove base)	Yes	No	- -	- - -	ND	None
79-B	Black (cove base)	Yes	No	- -	- - -	ND	None
80-A	Grey (ceramic tile grout)	Yes	No	- -	- - -	ND	None

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
80-B	Grey (ceramic tile grout)	Yes	No	- -		- - -	ND	None
81-A	Grey (ceramic tile mortar)	Yes	No	- -		- - -	ND	None
81-B	Grey (ceramic tile mortar)	Yes	No	- -		- - -	ND	None
82-A	Brown (pipe thread sealant)	Yes	No	- -	2%	synthetic fiber	ND	None
82-B	Brown (pipe thread sealant)	Yes	No	- -	2%	synthetic fiber	ND	None
83-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 10%	cellulose mineral wool	ND	None
83-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 10%	cellulose mineral wool	ND	None
84-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	40% 40%	cellulose mineral wool	ND	None
84-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	40% 40%	cellulose mineral wool	ND	None
85-A	White (2'x4' gypsum ceiling tile)	Yes	No	- -	2%	cellulose	ND	None
85-B	White (2'x4' gypsum ceiling tile)	Yes	No	- -	2%	cellulose	ND	None
86-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	10% 80%	cellulose mineral wool	ND	None
86-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	10% 80%	cellulose mineral wool	ND	None
87-A	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
87-B	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
88-A	Blue (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
88-B	Blue (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
89-A	Black (mastic)	Yes	No	- -		- - -	5%	Chrysotile
89-B	- -	- -	- -	- -		- -	NA/PS	- -
90-A	Tan (12"x12" vinyl floor tile)	Yes	No	- -		- - -	3%	Chrysotile
90-B	- -	- -	- -	- -		- -	NA/PS	- -

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
91-A	Yellow (carpet adhesive)	Yes	No	- -		- - -	ND	None
91-B	Yellow (carpet adhesive)	Yes	No	- -		- - -	ND	None
92-A	White/Tan (adhesive/sheet flooring)	Yes	No	- -	60% 10%	cellulose synthetic fiber	ND	None
92-B	White/Tan (adhesive/sheet flooring)	Yes	No	- -	60% 10%	cellulose synthetic fiber	ND	None
93-A	Cream (adhesive)	Yes	No	- -		- - -	ND	None
93-B	Cream (adhesive)	Yes	No	- -		- - -	ND	None
94-A	Tan (cove base)	Yes	No	- -		- - -	ND	None
94-B	Tan (cove base)	Yes	No	- -		- - -	ND	None
95-A	Tan (adhesive)	Yes	No	- -		- - -	ND	None
95-B	Tan (adhesive)	Yes	No	- -		- - -	ND	None
96-A	Grey (cove base)	Yes	No	- -		- - -	ND	None
96-B	Grey (cove base)	Yes	No	- -		- - -	ND	None
97-A	Grey (pipe thread sealant)	Yes	No	- -		- - -	ND	None
97-B	Grey (pipe thread sealant)	Yes	No	- -		- - -	ND	None
98-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 30%	cellulose mineral wool	ND	None
98-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 30%	cellulose mineral wool	ND	None
99-A	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
99-B	Yellow (adhesive)	Yes	No	- -		- - -	ND	None
100-A	Tan (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
100-B	Tan (12"x12" vinyl floor tile)	Yes	No	- -		- - -	ND	None
101-A	White (adhesive)	Yes	No	- -		- - -	ND	None
101-B	White (adhesive)	Yes	No	- -		- - -	ND	None

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
102-A	Grey/Blue (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
102-B	Grey/Blue (12"x12" vinyl floor tile)	Yes	No	- -	- - -	ND	None
103-A	Brown-Yellow (wood panel adhesive)	Yes	No	- -	- - -	3%	Chrysotile
103-B	- -	- -	- -	- -	- -	NA/PS	- -
104-A	Grey (wood wall panel adhesive)	Yes	No	- -	- - -	ND	None
104-B	Grey (wood wall panel adhesive)	Yes	No	- -	- - -	ND	None
105-A	Black (window panel caulking)	Yes	No	- -	- - -	ND	None
105-B	Black (window panel caulking)	Yes	No	- -	- - -	ND	None
106-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	40% cellulose 40% mineral wool	ND	None
106-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	40% cellulose 40% mineral wool	ND	None
107-A	Brown (pipe thread sealant)	Yes	No	- -	- - -	ND	None
107-B	Brown (pipe thread sealant)	Yes	No	- -	- - -	ND	None
108-A	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
108-B	Yellow (adhesive)	Yes	No	- -	- - -	ND	None
109-A	Tan (12"x12" vinyl floor tile)	Yes	No	- -	- - -	2%	Chrysotile
109-B	- -	- -	- -	- -	- -	NA/PS	- -
110-A	Tan (adhesive)	Yes	No	- -	- - -	ND	None
110-B	Tan (adhesive)	Yes	No	- -	- - -	ND	None
111-A	Brown (cove base)	Yes	No	- -	- - -	ND	None
111-B	Brown (cove base)	Yes	No	- -	- - -	ND	None
112-A	Cream (adhesive)	Yes	No	- -	- - -	ND	None
112-B	Cream (adhesive)	Yes	No	- -	- - -	ND	None

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Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
113-A	Black (cove base)	Yes	No	- -		- - -	ND	None
113-B	Black (cove base)	Yes	No	- -		- - -	ND	None
114-A	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 10%	cellulose mineral wool	ND	None
114-B	White/Grey (2'x4' ceiling tile)	Yes	No	- -	60% 10%	cellulose mineral wool	ND	None
115-A	Tan (wood wall panel adhesive)	Yes	No	- -		- - -	ND	None
115-B	Tan (wood wall panel adhesive)	Yes	No	- -		- - -	ND	None
116-A	Grey (caulking)	Yes	No	- -		- - -	ND	None
116-B	Grey (caulking)	Yes	No	- -		- - -	ND	None
117-A	White (caulking)	Yes	No	- -		- - -	ND	None
117-B	White (caulking)	Yes	No	- -		- - -	ND	None
118-A	Grey/Black (caulking)	Yes	No	- -	20%	mineral wool	ND	None
118-B	Grey/Black (caulking)	Yes	No	- -	20%	mineral wool	ND	None
119-A	Grey (caulking)	Yes	No	- -		- - -	ND	None
119-B	Grey (caulking)	Yes	No	- -		- - -	ND	None
120-A	Brown (caulking)	Yes	No	- -		- - -	ND	None
120-B	Brown (caulking)	Yes	No	- -		- - -	ND	None
121-A	Black/Brown (asphalt shingle)	Yes	No	- -	20%	fibrous glass	ND	None
121-B	Black/Brown (asphalt shingle)	Yes	No	- -	20%	fibrous glass	ND	None
122-A	Black (shingle adhesive paper)	Yes	No	- -	20%	fibrous glass	ND	None
122-B	Black (shingle adhesive paper)	Yes	No	- -	20%	fibrous glass	ND	None
123-A	White (caulking)	Yes	No	- -		- - -	ND	None
123-B	White (caulking)	Yes	No	- -		- - -	ND	None

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
124-A	White (caulking)	Yes	No	- -	- - -	ND	None
124-B	White (caulking)	Yes	No	- -	- - -	ND	None
125-A	White (caulking)	Yes	No	- -	- - -	ND	None
125-B	White (caulking)	Yes	No	- -	- - -	ND	None
126-A	Black/Grey (asphalt shingle)	Yes	No	- -	20% fibrous glass	ND	None
126-B	Black/Grey (asphalt shingle)	Yes	No	- -	20% fibrous glass	ND	None
127-A	Blue (pipe thread sealant)	Yes	No	- -	- - -	ND	None
127-B	Blue (pipe thread sealant)	Yes	No	- -	- - -	ND	None
128-A	Tan (wall panel adhesive)	Yes	No	- -	- - -	ND	None
128-B	Tan (wall panel adhesive)	Yes	No	- -	- - -	ND	None
129-A	Green (pipe thread sealant)	Yes	No	- -	- - -	ND	None
129-B	Green (pipe thread sealant)	Yes	No	- -	- - -	ND	None
130-A	Tan (mirror adhesive)	Yes	No	- -	- - -	ND	None
130-B	Tan (mirror adhesive)	Yes	No	- -	- - -	ND	None
131-A	Blue (pipe thread sealant)	Yes	No	- -	- - -	ND	None
131-B	Blue (pipe thread sealant)	Yes	No	- -	- - -	ND	None

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

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

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 Lemire — Cathryn Lemire, Approved Signatory

Date Issued 07/24/2019

54000

TRC

300 Wildwood Avenue, Suite 230, Woburn, MA 01801

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Client: City of Somerville	Project Number: 308710.0000.0000 phase 000HAZ task 600006	Inspector(s): David Gavin
Project Name: City of Somerville - 90 Washington St City of Somerville - 90 Washington St	Tracking Number:	Requested TAT: 3 DAY
Email Results to: Dgavin@trccompanies.com, bdburk@trccompanies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:

ASBESTOS BULK SAMPLE INFORMATION

Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-09	01-A/02-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", White with gray fleck	Unit 1 - Former Dunkin Donuts Elevated Level	Unit 1 - Former Dunkin Donuts Elevated Level	
2019-07-09	01-B/02-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", White with gray fleck	Unit 1 - Former Dunkin Donuts Elevated Level	Unit 1 - Former Dunkin Donuts Elevated Level	
2019-07-09	03-A	Floor Leveling Compound, Gray	Unit 1 - Former Dunkin Donuts Elevated Level	Unit 1 - Former Dunkin Donuts Elevated Level	
2019-07-09	03-B	Floor Leveling Compound, Gray	Unit 1 - Former Dunkin Donuts Elevated Level	Unit 1 - Former Dunkin Donuts Elevated Level	
2019-07-09	04-A/05-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", White with black fleck	Unit 1 - Former Dunkin Donuts Dining Area	Unit 1 - Former Dunkin Donuts	

CL 7/15/19

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-09	04-B/05-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", White with black fleck	Unit 1 - Former Dunkin Donuts Dining Area	Unit 1 - Former Dunkin Donuts	
2019-07-09	06-A	Floor Leveling Compound, Gray	Unit 1 - Former Dunkin' Donuts Dining Area	Unit 1 - Former Dunkin Donuts	
2019-07-09	06-B	Floor Leveling Compound, Gray	Unit 1 - Former Dunkin' Donuts Dining Area	Unit 1 - Former Dunkin Donuts	
2019-07-09	07-A/08-A	Vinyl Floor Tile with Black Mastic, 12" x 12", Pink	Unit 1 - Former Dunkin' Donuts	Unit 1 - Former Dunkin Donuts	
2019-07-09	07-B/08-B	Vinyl Floor Tile with Black Mastic, 12" x 12", Pink	Unit 1 - Former Dunkin' Donuts	Unit 1 - Former Dunkin' Donuts	
2019-07-09	09-A/10-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Beige with gray fleck	Unit 1 - Former Dunkin' Donuts	Unit 1 - Former Dunkin Donuts Bathroom Hall	
2019-07-09	09-B/10-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Beige with gray fleck	Unit 1 - Former Dunkin' Donuts	Unit 1 - Former Dunkin' Donuts Mechanical Room	
2019-07-09	11-A	Ceramic, Tile Grout, Gray	Unit 1 Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Counter Area	
2019-07-09	11-B	Ceramic, Tile Grout, Gray	Unit 1 Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Counter Area	
2019-07-09	12-A	Ceramic, Tile Mortar, Gray	Unit 1 Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Counter Area	
2019-07-09	12-B	Ceramic, Tile Mortar, Gray	Unit 1 Former Dunkin Donuts	Unit 1 Former Dunkin Donuts office Area	
2019-07-09	13-A	Ceiling Tile, 2' x 4', White	Unit 1 - Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Dining Area	
2019-07-09	13-B	Ceiling Tile, 2' x 4', White	Unit 1 - Former Dunkin Donuts	Unit 1 - Former Dunkin Donuts Bathroom 1	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-09	14-A	Ceiling Tile, 2' x 4', Gypsum board - white	Unit 1 Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Counter Area	
2019-07-09	14-B	Ceiling Tile, 2' x 4', Gypsum board - white	Unit 1 Former Dunkin Donuts	Unit 1 Former Dunkin Donuts office Area	
2019-07-09	15-A/16-A	Cove Base and Associated Adhesive, Black	Unit 1 Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Dining Area	
2019-07-09	15-B/16-B	Cove Base and Associated Adhesive, Black	Unit 1 Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Dining Area	
2019-07-09	17-A	Wallboard, Gypsum, White	Unit 1-7 Throughout	Unit 1 Former Dunkin Donuts Dining Area	
2019-07-09	17-B	Wallboard, Gypsum, White	Unit 1-7 Throughout	Unit 2 - Former Pizza Parlor	
2019-07-09	17-C	Wallboard, Gypsum, White	Unit 1-7 Throughout	Unit 3 - Former Beauty Salon	
2019-07-09	17-D	Wallboard, Gypsum, White	Unit 1-7 Throughout	Unit 4 - Former Livraria	
2019-07-11	17-E	Wallboard, Gypsum, White	Unit 1-7 Throughout	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	17-F	Wallboard, Gypsum, White	Unit 1-7 Throughout	Unit 5 - Former Potato Freak Bathroom	
2019-07-11	17-G	Wallboard, Gypsum, White	Unit 1-7 Throughout	Unit 6 - Former CRS main area	
2019-07-11	17-H	Wallboard, Gypsum, White	Unit 1-7 Throughout	Unit 7 - Former Laundromat Main Area	
2019-07-11	17-I	Wallboard, Gypsum, White	Unit 1-7 Throughout	Unit 7 - Former Laundromat Main Area	
2019-07-09	18-A	Wallboard, Joint Compound, White	Unit 1-7 Throughout	Unit 1 Former Dunkin Donuts Dining Area	
2019-07-09	18-B	Wallboard, Joint Compound, White	Unit 1-7 Throughout	Unit 2 - Former Pizza Parlor	
2019-07-09	18-C	Wallboard, Joint Compound, White	Unit 1-7 Throughout	Unit 3 - Former Beauty Salon Main Area	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-09	18-D	Wallboard, Joint Compound, White	Unit 1-7 Throughout	Unit 4 - Former Livraria	
2019-07-11	18-E	Wallboard, Joint Compound, White	Unit 1-7 Throughout	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	18-F	Wallboard, Joint Compound, White	Unit 1-7 Throughout	Unit 5 - Former Potato Freak Bathroom	
2019-07-11	18-G	Wallboard, Joint Compound, White	Unit 1-7 Throughout	Unit 6 - Former CRS Main Area	
2019-07-11	18-H	Wallboard, Joint Compound, White	Unit 1-7 Throughout	Unit 7 - Former Laundromat Main Area	
2019-07-11	18-I	Wallboard, Joint Compound, White	Unit 1-7 Throughout	Unit 7 - Former Laundromat Main Area	
2019-07-09	19-A	Wall Panel Adhesive - White	Unit 1 - Former Dunkin Donuts	Unit 1 Former Dunkin Donuts office Area	
2019-07-09	19-B	Wall Panel Adhesive - White	Unit 1 - Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Counter Area	
2019-07-09	20-A	Sink caulking - white	Unit 1 - Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Bathroom 1	
2019-07-09	20-B	Sink caulking - white	Unit 1 - Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Bathroom 2	
2019-07-09	21-A	Counter Backsplash Adhesive - Brown	Unit 1 - Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Dining Room	
2019-07-09	21-B	Counter Backsplash Adhesive - Brown	Unit 1 - Former Dunkin Donuts	Unit 1 Former Dunkin Donuts Dining Room	
2019-07-09	22-A	Duct Sealant, Gray	Unit 1 - Former Dunkin Donuts	Unit 1 Former Dunkin Donuts food prep area	
2019-07-09	22-B	Duct Sealant, Gray	Unit 1 - Former Dunkin Donuts	Unit 1 Former Dunkin Donuts food prep area	
2019-07-12	23-A/24-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Blue	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-09	23-B/24-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Blue	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	25-A/26-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Red	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	25-B/26-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Red	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	27-A/28-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Tan	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	27-B/28-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Tan	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	29-A	Adhesive, Wood wall trim - tan	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	29-B	Adhesive, Wood wall trim - tan	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	30-A	Adhesive, Wall panel adhesive - tan	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Food Prep Area	
2019-07-09	30-B	Adhesive, Wall panel adhesive - tan	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor food prep area	
2019-07-09	31-A	Ceiling Tile, 2' x 2', White - textured	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	31-B	Ceiling Tile, 2' x 2', White - textured	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	32-A	Ceiling Tile, 2' x 2', Smooth white	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor food prep area	
2019-07-09	32-B	Ceiling Tile, 2' x 2', Smooth white	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Food Prep Area	
2019-07-09	33-A	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Back Room	
2019-07-09	33-B	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Back Room	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-09	34-A/35-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Blue	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor counter area	
2019-07-09	34-B/35-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Blue	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	36-A/37-A	Cove Base and Associated Adhesive, Black	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-09	36-B/37-B	Cove Base and Associated Adhesive, Black	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Food Prep area	
2019-07-09	38-A/39-A	Cove Base and Associated Adhesive, Gray	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Back Room	
2019-07-09	38-B/39-B	Cove Base and Associated Adhesive, Gray	Unit 2 - Former Pizza Parlor	Unit 2 - Former Pizza Parlor Dining Area	
2019-07-12	40-A/41-A	Sheet Flooring with White Adhesive, 12"x12" white patterned	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon	
2019-07-09	40-B/41-B	Sheet Flooring with White Adhesive, 12"x12" white patterned	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon	
2019-07-09	42-A/43-A	Sheet Flooring with Yellow Adhesive, Tan	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Back Room	
2019-07-09	42-B/43-B	Sheet Flooring with Yellow Adhesive, Tan	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Back Room	
2019-07-09	44-A/45-A	Vinyl Floor Tile with Black Mastic, 12" x 12", White with blue fleck	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Main Area	
2019-07-09	44-B/45-B	Vinyl Floor Tile with Black Mastic, 12" x 12", White with blue fleck	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Back Room	
2019-07-12	46-A	Mirror adhesive	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Main Room	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-09	46-B	Mirror adhesive	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Main Room	
2019-07-09	47-A	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon main area	
2019-07-09	47-B	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Main Area	
2019-07-09	48-A/49-A	Cove Base and Associated Adhesive, Gray	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Back Room	
2019-07-09	48-B/49-B	Cove Base and Associated Adhesive, Gray	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Back Room	
2019-07-09	50-A	Ceiling Tile, 2' x 2', White - textured	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Back Room	
2019-07-09	50-B	Ceiling Tile, 2' x 2', White - textured	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Back Room	
2019-07-09	51-A	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Bathroom Above lower ceiling tile	
2019-07-09	51-B	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 3 - Former Beauty Salon	Unit 3 - Former Beauty Salon Bathroom Above lower ceiling tile	
2019-07-12	52-A	Adhesive, Yellow carpet adhesive	Unit 4 - Former Livraria	Unit 4 - Former Livraria	
2019-07-09	52-B	Adhesive, Yellow carpet adhesive	Unit 4 - Former Livraria	Unit 4 - Former Livraria	
2019-07-09	53-A/54-A	Cove Base and Associated Adhesive, Gray	Unit 4 - Former Livraria	Unit 4 - Former Livraria	
2019-07-09	53-B/54-B	Cove Base and Associated Adhesive, Gray	Unit 4 - Former Livraria	Unit 4 - Former Livraria	
2019-07-09	55-A	Ceiling Tile, 2' x 4', White - fissure patterned	Unit 4 - Former Livraria	Unit 4 - Former Livraria	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-09	55-B	Ceiling Tile, 2' x 4', White - fissure patterned	Unit 4 - Former Livraria	Unit 4 - Former Livraria	
2019-07-09	56-A	Ceiling Tile, 2' x 4', Old white fissured	Unit 4 - Former Livraria	Unit 4 - Former Livraria	
2019-07-09	56-B	Ceiling Tile, 2' x 4', Old white fissured	Unit 4 - Former Livraria	Unit 4 - Former Livraria	
2019-07-12	57-A/58-A	Vinyl Floor Tile with Black Mastic, 12" x 12", Tan	Unit 4 - Former Livraria Bathroom	Unit 4 - Former Livraria Bathroom	
2019-07-09	57-B/58-B	Vinyl Floor Tile with Black Mastic, 12" x 12", Tan	Unit 4 - Former Livraria Bathroom	Unit 4 - Former Livraria Bathroom	
2019-07-09	59-A/60-A	Sheet Flooring with Yellow Adhesive, 3"x3" square patterned	Unit 4 - Former Livraria Office	Unit 4 - Former Livraria Office	
2019-07-09	59-B/60-B	Sheet Flooring with Yellow Adhesive, 3"x3" square patterned	Unit 4 - Former Livraria Office	Unit 4 - Former Livraria Office	
2019-07-09	61-A/62-A	Cove Base and Associated Adhesive, Black	Unit 4 - Former Livraria Office	Unit 4 - Former Livraria Office	
2019-07-09	61-B/62-B	Cove Base and Associated Adhesive, Black	Unit 4 - Former Livraria Office	Unit 4 - Former Livraria Office	
2019-07-09	63-A/64-A	Sheet Flooring with White Adhesive, Wood patterned	Unit 4 - Former Livraria Office	Unit 4 - Former Livraria Office	
2019-07-09	63-B/64-B	Sheet Flooring with White Adhesive, Wood patterned	Unit 4 - Former Livraria Office	Unit 4 - Former Livraria Office	
2019-07-11	65-A/66-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Gray	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	
2019-07-11	65–B/66-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Gray	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	
2019-07-11	67-A/68-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Black	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-11	67-B/68-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Black	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	
2019-07-11	69–A/70-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", White	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	
2019-07-11	69-B/70-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", White	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak	
2019-07-11	71-A/72-A	Vinyl Floor Tile, 12" x 12", Tan with brown mastic	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	
2019-07-11	71-B/72-B	Vinyl Floor Tile, 12" x 12", Tan with brown mastic	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	
2019-07-11	73-A	Ceramic, Tile Grout, Gray	Unit 5 - Former Potato Freak Food Prep Area	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	73-B	Ceramic, Tile Grout, Gray	Unit 5 - Former Potato Freak Food Prep Area	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	74-A	Ceramic, Tile Mortar, Gray	Unit 5 - Former Potato Freak Food Prep Area	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	74-B	Ceramic, Tile Mortar, Gray	Unit 5 - Former Potato Freak Food Prep Area	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	75-A/76-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Tan	Unit 5 - Former Potato Freak Mechanical Room	Unit 5 - Former Potato Freak Mechanical Room	
2019-07-11	75-B/76-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Tan	Unit 5 - Former Potato Freak Mechanical Room	Unit 5 - Former Potato Freak Mechanical Room	
2019-07-11	77-A	Adhesive, Wall panel adhesive - tan	Unit 5 - Former Potato Freak Food Prep Area	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	77-B	Adhesive, Wall panel adhesive - tan	Unit 5 - Former Potato Freak Food Prep Area	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	78-A/79-A	Cove Base and Associated Adhesive, Black	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	
2019-07-11	78-B/79-B	Cove Base and Associated Adhesive, Black	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-12	80-A	Ceramic, Tile Grout, Gray - wall tile	Unit 5 - Former Potato Freak	Unit 5 - Former Potato Freak Bathroom	
2019-07-11	80-B	Ceramic, Tile Grout, Gray - wall tile	Unit 5 - Former Potato Freak	Unit 5 - Former Potato Freak Bathroom	
2019-07-11	81-A	Ceramic, Tile Mortar, Gray	Unit 5 - Former Potato Freak	Unit 5 - Former Potato Freak Bathroom	
2019-07-11	81-B	Ceramic, Tile Mortar, Gray	Unit 5 - Former Potato Freak	Unit 5 - Former Potato Freak Bathroom	
2019-07-11	82-A	Brown pipe thread sealant	Unit 5 - Former Potato Freak Mechanical Room	Unit 5 - Former Potato Freak Mechanical Room	
2019-07-11	82-B	Brown pipe thread sealant	Unit 5 - Former Potato Freak Mechanical Room	Unit 5 - Former Potato Freak Mechanical Room	
2019-07-11	83-A	Ceiling Tile, 2' x 4', White - patterned	Unit 5 - Former Potato Freak	Unit 5 - Former Potato Freak Main Area	
2019-07-11	83-B	Ceiling Tile, 2' x 4', White - patterned	Unit 5 - Former Potato Freak	Unit 5 - Former Potato Freak Main Area	
2019-07-11	84-A	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	
2019-07-11	84-B	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 5 - Former Potato Freak Main Area	Unit 5 - Former Potato Freak Main Area	
2019-07-11	85-A	Ceiling Tile, 2' x 4', Gypsum ceiling tile	Unit 5 - Former Potato Freak Food Prep Area	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	85-B	Ceiling Tile, 2' x 4', Gypsum ceiling tile	Unit 5 - Former Potato Freak Food Prep Area	Unit 5 - Former Potato Freak Food Prep Area	
2019-07-11	86-A	Ceiling Tile, 2' x 4', White - pin and fissure patterned (old)	Unit 5 - Former Potato Freak Mechanical Room	Unit 5 - Former Potato Freak Mechanical Room	
2019-07-11	86-B	Ceiling Tile, 2' x 4', White - pin and fissure patterned (old)	Unit 5 - Former Potato Freak Mechanical Room	Unit 5 - Former Potato Freak Mechanical Room	
2019-07-11	87-A/88-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Blue	Unit 6 - Former CRS Main Area	Unit 6 - Former CRS main area	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-11	87-B/88-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Blue	Unit 6 - Former CRS Main Area	Unit 6 - Former CRS Main Area	
2019-07-11	89-A/90-A	Vinyl Floor Tile with Black Mastic, 12" x 12", Tan	Unit 6 - Former CRS Main Area, Unit 6 - Former CRS Bathroom , Unit 6 - Former CRS Office	Unit 6 - Former CRS Main Area	
2019-07-11	89-B/90-B	Vinyl Floor Tile with Black Mastic, 12" x 12", Tan	Unit 6 - Former CRS Main Area, Unit 6 - Former CRS Bathroom , Unit 6 - Former CRS Office	Unit 6 - Former CRS Main Area	
2019-07-12	91-A	Adhesive, Yellow carpet adhesive	Unit 6 - Former CRS	Unit 6 - Former CRS Main Area	
2019-07-11	91-B	Adhesive, Yellow carpet adhesive	Unit 6 - Former CRS	Unit 6 - Former CRS Main Area	
2019-07-11	92-A	Sheet Flooring with White Adhesive, Tan stone patterned	Unit 6 - Former CRS Main Area	Unit 6 - Former CRS Bathroom	
2019-07-11	92-B	Sheet Flooring with White Adhesive, Tan stone patterned	Unit 6 - Former CRS Main Area	Unit 6 - Former CRS Bathroom	
2019-07-11	93-A/94-A	Cove Base and Associated Adhesive, Tan	Unit 6 - Former CRS Main Area	Unit 6 - Former CRS Main Area	
2019-07-11	93-B/94-B	Cove Base and Associated Adhesive, Tan	Unit 6 - Former CRS Main Area	Unit 6 - Former CRS Main Area	
2019-07-11	95-A/96-A	Cove Base and Associated Adhesive, Gray	Unit 6 - Former CRS Bathroom	Unit 6 - Former CRS Bathroom	
2019-07-11	95-B/96-B	Cove Base and Associated Adhesive, Gray	Unit 6 - Former CRS Bathroom	Unit 6 - Former CRS Bathroom	
2019-07-11	97-A	Pipe thread sealant - Gray	Unit 6 - Former CRS	Unit 6 - Former CRS Mechanical Room	
2019-07-11	97-B	Pipe thread sealant - Gray	Unit 6 - Former CRS	Unit 6 - Former CRS Mechanical Room	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-11	98-A	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 6 - Former CRS Main Area	Unit 6 - Former CRS Main area	
2019-07-11	98-B	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 6 - Former CRS Main Area	Unit 6 - Former CRS Main Area	
2019-07-11	99-A/100-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Tan	Unit 7 - Former Laundromat Main Area	Unit 7 - Former Laundromat Main Area	
2019-07-11	99-B/100-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Tan	Unit 7 - Former Laundromat Main Area	Unit 7 - Former Laundromat Main Area	
2019-07-12	101-A/102-A	Vinyl Floor Tile with White Adhesive, 12" x 12", Gray/Blue patterned	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Main Area	
2019-07-11	101-B/102-B	Vinyl Floor Tile with White Adhesive, 12" x 12", Gray/Blue patterned	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Main Area	
2019-07-11	103-A	Wood wall panel adhesive - yellow	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Main Area	
2019-07-11	103-B	Wood wall panel adhesive - yellow	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Main Area	
2019-07-11	104-A	Wood wall panel adhesive - gray	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Main Area	
2019-07-11	104-B	Wood wall panel adhesive - gray	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Main Area	
2019-07-11	105-A	Caulking, Window panel - black	Throughout	Unit 7 - Former Laundromat Main Area	
2019-07-12	105-B	Caulking, Window panel - black	Throughout	Unit 2 interior window frame	
2019-07-11	106-A	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Main Area	
2019-07-11	106-B	Ceiling Tile, 2' x 4', White - pin and fissure patterned	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Main Area	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-11	107-A	Pipe thread sealant - brown	Unit 7 - Former Laundromat Mechanical Room	Unit 7 - Former Laundromat Mechanical Room	
2019-07-11	107-B	Pipe thread sealant - brown	Unit 7 - Former Laundromat Mechanical Room	Unit 7 - Former Laundromat Mechanical Room	
2019-07-11	108-A/109-A	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Tan	Unit 7 - Former Laundromat Bathroom	Unit 7 - Former Laundromat Bathroom	
2019-07-11	108-B/109-B	Vinyl Floor Tile with Yellow Adhesive, 12" x 12", Tan	Unit 7 - Former Laundromat Bathroom	Unit 7 - Former Laundromat Bathroom	
2019-07-11	110-A/111-A	Cove Base and Associated Adhesive, Brown	Unit 7 - Former Laundromat Bathroom	Unit 7 - Former Laundromat Bathroom	
2019-07-11	110-B/111-B	Cove Base and Associated Adhesive, Brown	Unit 7 - Former Laundromat Bathroom	Unit 7 - Former Laundromat Bathroom	
2019-07-11	112-A/113-A	Cove Base and Associated Adhesive, Black	Unit 7 - Former Laundromat Service and Storage	Unit 7 - Former Laundromat Service and Storage	
2019-07-11	112-B/113-B	Cove Base and Associated Adhesive, Black	Unit 7 - Former Laundromat Service and Storage	Unit 7 - Former Laundromat Service and Storage	
2019-07-11	114-A	Ceiling Tile, 2' x 4', Solid - white	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Main Area	
2019-07-11	114-B	Ceiling Tile, 2' x 4', Solid - white	Unit 7 - Former Laundromat	Unit 7 - Former Laundromat Mechanical Room	
2019-07-11	115-A	Wood wall panel adhesive - tan	Unit 7 - Former Laundromat Main Area	Unit 7 - Former Laundromat Main Area	
2019-07-11	115-B	Wood wall panel adhesive - tan	Unit 7 - Former Laundromat Main Area	Unit 7 - Former Laundromat Main Area	
2019-07-11	116-A	Caulking, Gray	Front exterior	Unit 7 Front	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-11	116-B	Caulking, Gray	Front exterior	Unit 2 front exterior	
2019-07-11	117-A	Caulking, White	Exterior front columns	Unit 2 column Base	
2019-07-11	117-B	Caulking, White	Exterior front columns	Unit 4 exterior column base	
2019-07-12	119-A	Caulking, Gray	Exterior door/windows	Unit 3 exterior door and window	
2019-07-11	119-B	Caulking, Gray	Exterior door/windows	Unit 7 exterior window	
2019-07-12	120-A	Caulking, Brown	Unit 1 exterior window panel	Unit 1 exterior window panel	
2019-07-11	120-B	Caulking, Brown	Unit 1 exterior window panel	Unit 1 exterior window panel	
2019-07-11	118-A	Caulking, Black	Exterior based wall panel unit 1	Unit 1 exterior window panel base	
2019-07-11	118-B	Caulking, Black	Exterior based wall panel unit 1	Unit 1 exterior window panel base	
2019-07-11	121-A	Roofing, Asphalt Shingle, Brown	Exterior roof	Roof front	
2019-07-11	121-B	Roofing, Asphalt Shingle, Brown	Exterior roof	Roof rear	
2019-07-11	122-A	Roofing, Shingle adhesive paper	Exterior roof	Roof front	
2019-07-11	122-B	Roofing, Shingle adhesive paper	Exterior roof	Roof rear	
2019-07-11	123-A	Caulking, White	Exterior rear doors	Unit 7 rear door	
2019-07-11	123-B	Caulking, White	Exterior rear doors	Unit 5 rear exterior door	
2019-07-11	124-A	Caulking, White	Exterior rear vents	Unit 5 rear exterior vent	
2019-07-11	124-B	Caulking, White	Exterior rear vents	Unit 7 rear exterior vent caulk	
2019-07-12	125-A	Caulking, White	Exterior rear soffit	Unit 7 rear exterior roof seam	

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Date Collected	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
2019-07-12	125-B	Caulking, White	Exterior rear soffit	Unit 5 rear exterior roof soffit	
2019-07-11	126-A	Roofing, Asphalt Shingle, Gray	Exterior roof	Rear roof	
2019-07-12	126-B	Roofing, Asphalt Shingle, Gray	Exterior roof	Roof - front	
2019-07-12	127-A	Pipe thread sealant - blue	Unit 2 - Former Pizza Parlor Mechanical Room	Unit 2 - Former Pizza Parlor Mechanical Room	
2019-07-12	127-B	Pipe thread sealant - blue	Unit 2 - Former Pizza Parlor Mechanical Room	Unit 2 - Former Pizza Parlor Mechanical Room	
2019-07-12	128-A	Adhesive, Upper wall panel adhesive - tan	Unit 3 - Former beauty salon	Unit 3 - Former Beauty Salon Main Room	
2019-07-12	128-B	Adhesive, Upper wall panel adhesive - tan	Unit 3 - Former beauty salon	Unit 3 - Former Beauty Salon Main Room	
2019-07-12	129-A	Pipe thread sealant - green	Unit 3 - Former Beauty Salon mechanical Room	Unit 3 - Former Beauty Salon mechanical Room	
2019-07-12	129-B	Pipe thread sealant - green	Unit 3 - Former Beauty Salon mechanical Room	Unit 3 - Former Beauty Salon mechanical Room	
2019-07-12	130-A	Adhesive, Mirror adhesive	Unit 3 - Former Beauty Salon Bathroom	Unit 3 - Former Beauty Salon Bathroom	
2019-07-12	130-B	Adhesive, Mirror adhesive	Unit 3 - Former Beauty Salon Bathroom	Unit 3 - Former Beauty Salon Bathroom	
2019-07-12	131-A	Pipe thread sealant -blue	Unit 4 - Former LIVRARIA mechanical Room	Unit 4 - Former Beauty LIVRARIA Mechanical Room	
2019-07-12	131-B	Pipe thread sealant -blue	Unit 4 - Former LIVRARIA mechanical Room	Unit 3 - Former Beauty Salon mechanical Room	

Special Instruction to Laboratory:

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CHAIN OF CUSTODY INFORMATION					
Relinquished By:	Date	Time	Received By:	Date	Time
I. (Print): Brian Burk	2019-07-12	19:50:01 EDT	I. (Print): Clemire	7/15/19	1200
(Sign):			(Sign):		
II. (Print):			II. (Print):		
(Sign):			(Sign):		

APPENDIX B

LCP TESTING RESULTS BY XRF

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Area 1 - Former Dunkin Donuts			
Dining Area	Wall, orange	Gypsum	< 0.05
Dining Area	Wall, white	Gypsum	< 0.05
Dining Area	Windowsill, black	Metal	< 0.05
Dining Area	Window frame, black	Metal	< 0.05
Dining Area	Window panel, black	Metal	< 0.05
Dining Area	Crown molding, red	Wood	< 0.05
Dining Area	Door frame, white	Plastic	< 0.05
Dining Area	Wall panel, tan	Wood	< 0.05
Dining Area	Wall, tan	Gypsum	< 0.05
Serving Area	Countertop, purple	Wood	< 0.05
Serving Area	Trim, orange	Wood	< 0.05
Serving Area	Panel, stained	Wood	< 0.05
Serving Area	Trim, purple	Wood	< 0.05
Serving Area	Shelving, white	Wood	< 0.05
Serving Area	Cabinet, white	Wood	< 0.05
Serving Area	Ceiling, white	Gypsum	< 0.05
Serving Area	Sign frame, brown	Metal	< 0.05
Office Area	Window frame, black	Metal	< 0.05
Office Area	Windowsill, black	Metal	< 0.05
Office Area	Window panel, black	Metal	< 0.05
Office Area	Door frame, tan	Metal	< 0.05
Office Area	Door, tan	Wood	< 0.05
Office Area	Door, brown	Metal	< 0.05
Office Area	Door frame, black	Metal	< 0.05
Office Area	Floor, gray	Ceramic	< 0.05
Mechanical Room	Hot water tank, white	Metal	< 0.05
Mechanical Room	Wall panel, white	Fiberglass	< 0.05
Mechanical Room	Door, tan	Metal	< 0.05

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Mechanical Room	Door frame, tan	Metal	< 0.05
Food Prep Area	Wall panel, white	Metal	< 0.05
Food Prep Area	Wall trim, white	Metal	< 0.05
Food Prep Area	Ceiling trim, white	Plastic	< 0.05
Food Prep Area	Floor trim, white	Plastic	< 0.05
Restroom Area	Door, gray	Metal	< 0.05
Restroom Area	Door frame, brown	Metal	< 0.05
Restroom Area	Door frame, brown	Metal	< 0.05
Restroom Area	Door, brown	Wood	< 0.05
Restroom Area	Door, tan	Wood	< 0.05
Restroom Area	Door frame, tan	Metal	< 0.05
Storage Area	Wall, orange	Gypsum	< 0.05
Storage Area	Countertop, black	Wood	< 0.05
Storage Area	Door frame, tan	Metal	< 0.05
Storage Area	Door, tan	Wood	< 0.05
Dining Area	Countertop, gray	Wood	< 0.05
Dining Area	Cabinet, black	Wood	< 0.05
Area 2 - Former Pizza Parlor			
Dining Area	Wall, orange	Gypsum	< 0.05
Dining Area	Wall, yellow	Gypsum	< 0.05
Dining Area	Wall, white	Gypsum	< 0.05
Dining Area	Wall panel, stained	Wood	< 0.05
Dining Area	Door surround, black	Metal	< 0.05
Dining Area	Door frame, black	Metal	< 0.05
Dining Area	Windowsill, black	Metal	< 0.05
Dining Area	Window panel, black	Metal	< 0.05
Dining Area	Seat, stained	Wood	< 0.05
Dining Area	Booth divide, stained	Wood	< 0.05
Dining Area	Countertop, blue	Wood	< 0.05

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Dining Area	Cabinet door, white	Wood	< 0.05
Serving/Food Prep Area	Counter, white	Wood	< 0.05
Serving/Food Prep Area	Countertop, blue	Wood	< 0.05
Serving/Food Prep Area	Wall panel, stained	Wood	< 0.05
Serving/Food Prep Area	Wall, yellow	Gypsum	< 0.05
Serving/Food Prep Area	Wall, white	Gypsum	< 0.05
Serving/Food Prep Area	Shelving, blue	Wood	< 0.05
Serving/Food Prep Area	Shelf, white	Wood	< 0.05
Serving/Food Prep Area	Wall, light blue	Wood	< 0.05
Food Storage Area	Wall, white	Wood	< 0.05
Food Storage Area	Wall, light blue	Wood	< 0.05
Food Storage Area	Cooler, white	Metal	< 0.05
Food Storage Area	Hot water tank, white	Metal	< 0.05
Food Storage Area	Wall panel, white	Particle board	< 0.05
Food Storage Area	Shelf, white	Wood	< 0.05
Food Storage Area	Door, gray	Metal	< 0.05
Food Storage Area	Door frame, gray	Metal	< 0.05
Mechanical/Office Area	Wall, light blue	Gypsum	< 0.05
Mechanical/Office Area	HVAC unit, tan	Metal	< 0.05
Mechanical/Office Area	Cooler, white	Metal	< 0.05
Mechanical/Office Area	Wall, blue	Gypsum	< 0.05
Mechanical/Office Area	Wall, white	Gypsum	< 0.05
Mechanical/Office Area	Ceiling, white	Gypsum	< 0.05
Restroom Area	Wall, yellow	Gypsum	< 0.05
Restroom Area	Wall, light yellow	Gypsum	< 0.05
Restroom Area	Door, blue	Metal	< 0.05
Restroom Area	Door frame, blue	Metal	< 0.05
Area 3 - Former Beauty Parlor			
Main Area	Wall, orange	Gypsum	< 0.05

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Main Area	Wall, green	Gypsum	< 0.05
Main Area	Cove base, purple	Wood	< 0.05
Main Area	Crown molding, purple	Wood	< 0.05
Main Area	Wall, white	Gypsum	< 0.05
Main Area	Windowsill, white	Metal	< 0.05
Main Area	Window panel, white	Metal	< 0.05
Main Area	Door surround, black	Metal	< 0.05
Main Area	Door frame, black	Metal	< 0.05
Main Area	Countertop, white	Wood	< 0.05
Main Area	Trim, purple	Wood	< 0.05
Main Area	Door frame, purple	Wood	< 0.05
Main Area	Door, white	Wood	< 0.05
Main Area	Block, clear	Glass	< 0.05
Main Area	Cabinet, white	Wood	< 0.05
Main Area	Cabinet trim, purple	Wood	< 0.05
Main Area	Wall, pink	Gypsum	< 0.05
Main Area	Door, white	Metal	< 0.05
Restroom	Wall, purple	Gypsum	< 0.05
Restroom	Hot water tank, white	Metal	< 0.05
Restroom	Vanity, white	Wood	< 0.05
Restroom	Door, white	Wood	< 0.05
Restroom	Door frame, white	Metal	< 0.05
Storage/Mechanical Area	Cabinet, green	Wood	< 0.05
Storage/Mechanical Area	Cabinet, stained	Wood	< 0.05
Storage/Mechanical Area	Shelf, white	Wood	< 0.05
Storage/Mechanical Area	Wall, white	Gypsum	< 0.05
Storage/Mechanical Area	Door, white	Metal	< 0.05
Storage/Mechanical Area	Door, white	Wood	< 0.05

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Area 4 - Former Livraria			
Main Area	Wall, white	Gypsum	< 0.05
Main Area	Wall, off-white	Gypsum	< 0.05
Main Area	Door frame, black	Metal	< 0.05
Main Area	Door panel, black	Metal	< 0.05
Main Area	Window panel, black	Metal	< 0.05
Main Area	Window frame, black	Metal	< 0.05
Main Area	Shelving trim, white	Wood	< 0.05
Main Area	Wall, white	Gypsum	< 0.05
Main Area	Wall panel, gray	Wood	< 0.05
Main Area	Door frame, gray	Wood	< 0.05
Main Area	Door, white	Wood	< 0.05
Main Area	Electrical box, white	Metal	< 0.05
Restroom	Door frame, white	Metal	< 0.05
Restroom	Wall, white	Gypsum	< 0.05
Restroom	Hot water tank, gray	Metal	< 0.05
Restroom	Vanity, white	Wood	< 0.05
Restroom	Vent grate, white	Metal	< 0.05
Restroom	Baseboard cover, gray	Metal	< 0.05
Storage/Mechanical Area	Door, white	Metal	< 0.05
Storage/Mechanical Area	Door frame, white	Metal	0.05
Storage/Mechanical Area	HVAC, brown	Metal	< 0.05
Storage/Mechanical Area	Door, white	Wood	< 0.05
Storage/Mechanical Area	Door frame, white	Wood	< 0.05
Storage/Mechanical Area	Wall, white	Gypsum	< 0.05
Area 5 - Former Potato Freaks (Sample Date 8/12/19)			
Dining Area	Wall, yellow	Gypsum	< 0.05
Dining Area	Wall, red	Gypsum	< 0.05
Dining Area	Door frame, black	Metal	< 0.05

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Dining Area	Window frame, black	Metal	< 0.05
Dining Area	Window panel, black	Metal	< 0.05
Dining Area	Door, white	Wood	< 0.05
Dining Area	Door frame, white	Metal	< 0.05
Small Mechanical Room	Wall, white	Gypsum	< 0.05
Small Mechanical Room	Shelf, black	Wood	< 0.05
Small Mechanical Room	HVAC unit, gray	Metal	< 0.05
Small Mechanical Room	Door, off-white	Wood	< 0.05
Small Mechanical Room	Door frame, off-white	Metal	< 0.05
Small Mechanical Room	Electrical panel cover, gray	Metal	< 0.05
Food Prep Area	Wall, off-white	Fiberglass	< 0.05
Food Prep Area	Floor, gray	Ceramic	< 0.05
Custodial Closet	Wall, white	Gypsum	< 0.05
Custodial Closet	Hot water tank, white	Metal	< 0.05
Storage/Mechanical Room	Wall, white	Gypsum	< 0.05
Storage/Mechanical Room	HVAC, brown	Metal	< 0.05
Storage/Mechanical Room	Floor, gray	Concrete	< 0.05
Storage/Mechanical Room	Wall, black	Wood	< 0.05
Rear Hallway	Door, brown	Metal	< 0.05
Rear Hallway	Door frame, brown	Metal	< 0.05
Rear Hallway	Door grate, black	Metal	< 0.05
Rear Hallway	Wall, white	Gypsum	< 0.05
Office Area	Wall, yellow	Gypsum	< 0.05
Men’s Restroom	Wall, brown	Gypsum	< 0.05
Men’s Restroom	Wall, tan	Ceramic	0.06
Men’s Restroom	Wall, off-white	Wood	< 0.05
Men’s Restroom	Door frame, off-white	Metal	< 0.05
Men’s Restroom	Bracket, green	Metal	< 0.05

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Area 6 - Former Corporate Resource Services (CRS)			
Main Area	Wall, blue	Gypsum	< 0.05
Main Area	Wall, white	Gypsum	< 0.05
Main Area	Window frame, black	Metal	< 0.05
Main Area	Window panel, black	Metal	< 0.05
Main Area	Door surround, black	Metal	< 0.05
Main Area	Door frame, black	Metal	< 0.05
Main Area	Countertop, blue	Wood	< 0.05
Main Area	Shelving, white	Wood	< 0.05
Main Area	Desk, stained	Wood	< 0.05
Restroom	Door, brown	Metal	< 0.05
Restroom	Door frame, brown	Metal	< 0.05
Restroom	Wall, light blue	Gypsum	< 0.05
Restroom	Wall, white	Gypsum	< 0.05
Restroom	Baseboard cover, gray	Metal	< 0.05
Office/Mechanical Area	Door, blue	Metal	< 0.05
Office/Mechanical Area	Door frame, blue	Wood	< 0.05
Office/Mechanical Area	HVAC brown	Metal	< 0.05
Office/Mechanical Area	Door, blue	Metal	< 0.05
Office/Mechanical Area	Door frame, blue	Metal	< 0.05
Office/Mechanical Area	Desk, stained	Wood	< 0.05
Office/Mechanical Area	Wall, white	Gypsum	< 0.05
Office/Mechanical Area	Cove base, blue	Wood	< 0.05
Area 7 - Former Laundromat			
Main Area	Door frame, black	Metal	< 0.05
Main Area	Door surround, black	Metal	< 0.05
Main Area	Window panel, black	Metal	< 0.05
Main Area	Window frame, black	Metal	< 0.05
Main Area	Wall panel, stained	Wood	< 0.05

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Main Area	Wall, white	Gypsum	< 0.05
Main Area	Wall, pink	Gypsum	< 0.05
Main Area	Windowsill, black	Metal	< 0.05
Main Area	Window panel, black	Metal	< 0.05
Main Area	Pipe fixture, black	Metal	< 0.05
Main Area	Light housing, black	Metal	0.08
Main Area	Light fixture, white	Metal	< 0.05
Main Area	Floor, gray	Concrete	< 0.05
Main Area	Door, brown	Metal	< 0.05
Main Area	Door frame, brown	Metal	< 0.05
Main Area	Cove base, stained	Wood	< 0.05
Main Area	Chair railing, stained	Wood	< 0.05
Main Area	Door, black	Metal	< 0.05
Main Area	Door frame, black	Metal	< 0.05
Main Area	Light fixture cover, white	Wood	< 0.05
Service/Storage Area	Pipe, black	Metal	< 0.05
Service/Storage Area	Wall, orange	Gypsum	< 0.05
Service/Storage Area	Countertop, brown	Wood	< 0.05
Service/Storage Area	Shelf, white	Wood	< 0.05
Service/Storage Area	Window frame, stained	Wood	< 0.05
Service/Storage Area	Door frame, stained	Wood	< 0.05
Service/Storage Area	Door, brown	Wood	< 0.05
Service/Storage Area	Wall, blue	Gypsum	< 0.05
Service/Storage Area	Wall, beige	Gypsum	< 0.05
Service/Storage Area	Electrical box, gray	Metal	< 0.05
Service/Storage Area	Shelving, stained	Wood	< 0.05
Restroom	Door frame, brown	Metal	< 0.05
Restroom	Door, brown	Wood	< 0.05
Restroom	Wall, blue	Gypsum	< 0.05

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Restroom	Baseboard cover, gray	Metal	< 0.05
Mechanical Area	HVAC, tan	Metal	< 0.05
Mechanical Area	Wall, white	Gypsum	< 0.05
Mechanical Area	Pipe, black	Metal	< 0.05
Mechanical Area	Door, stained	Wood	< 0.05
Mechanical Area	Door frame, stained	Wood	< 0.05
Mechanical Area	Window frame, white	Wood	< 0.05
Exterior			
Exterior	Column enclosure, white	Wood	< 0.05
Exterior	Window panel, white	Metal	< 0.05
Exterior	Door frame, black	Metal	< 0.05
Exterior	Windowsill, black	Metal	< 0.05
Exterior	Window frame, black	Metal	< 0.05
Exterior	Overhead door panel, black	Metal	< 0.05
Exterior	Wall, light brown	Brick	< 0.05
Exterior	Soffit, white	Wood	< 0.05
Exterior	Door, light brown	Wood	< 0.05
Exterior	Door frame, light brown	Metal	< 0.05
Exterior	Window panel, light brown	Wood	< 0.05
Exterior	Door panel, black	Metal	< 0.05
Exterior	Soffit, brown	Wood	< 0.05
Exterior	Wall, white	Concrete	< 0.05
Exterior	Door, red	Metal	< 0.05
Exterior	Door frame, red	Metal	< 0.05
Exterior	Exhaust cover, white	Vinyl	< 0.05
Exterior	Pipe, white	Metal	< 0.05
Exterior	Exhaust, white	Metal	< 0.05
Exterior	Post, red	Metal	< 0.05
Exterior	Exhaust frame, white	Wood	< 0.05

Lead Testing Results by XRF
90 Washington Street
Somerville, Massachusetts
July 9, 2019

Location	Component	Substrate	Result (mg/cm^2)
Exterior	Structural column, silver/black	Metal	< 0.05

- mg/cm^2 = milligrams of lead per square centimeter of sampled surface area.
- < 0.05 = less than the limit of quantification of the XRF.

APPENDIX C

LCP LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

Lab Number:	L1936324
Client:	TRC Environmental Consultants 2 Liberty Square 650 Suffolk Street Boston, MA 02109
ATTN:	David Gavin
Phone:	(617) 548-8506
Project Name:	CITY OF SOMERVILLE
Project Number:	308710/PH.HAZ/600006
Report Date:	08/23/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CITY OF SOMERVILLE
Project Number: 308710/PH.HAZ/600006

Lab Number: L1936324
Report Date: 08/23/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1936324-01	01	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-02	02	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-03	03	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-04	04	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-05	05	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-06	06	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-07	07	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-08	08	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-09	09	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-10	10	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-11	11	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-12	12	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-13	13	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-14	14	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-15	15	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-16	16	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-17	17	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-18	18	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-19	19	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-20	20	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-21	21	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-22	22	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-23	23	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19
L1936324-24	24	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1936324-25	25	PAINT	90 WASHINGTON ST., SOMERVILLE, MA	08/12/19 00:00	08/13/19

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E a.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E b.	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	NO
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

Case Narrative (continued)

MCP Related Narratives

Sample Receipt

In reference to question H:

A Matrix Spike was not submitted for the analysis of Total Metals.

Total Metals

In reference to question I:

All samples were analyzed for a subset of MCP analytes per client request.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative

Date: 08/23/19

QC OUTLIER SUMMARY REPORT

Project Name: CITY OF SOMERVILLE
Project Number: 308710/PH.HAZ/600006

Lab Number: L1936324
Report Date: 08/23/19

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

METALS

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-01	Date Collected:	08/12/19 00:00
Client ID:	01	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	13.7		mg/kg	1.99	--	1	08/21/19 22:35	08/22/19 20:59	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-02	Date Collected:	08/12/19 00:00
Client ID:	02	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	2.37		mg/kg	1.95	--	1	08/21/19 22:35	08/22/19 21:03	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-03	Date Collected:	08/12/19 00:00
Client ID:	03	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	3.00		mg/kg	1.95	--	1	08/21/19 22:35	08/22/19 21:38	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-04	Date Collected:	08/12/19 00:00
Client ID:	04	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	9.05		mg/kg	1.98	--	1	08/21/19 22:35	08/22/19 21:47	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-05	Date Collected:	08/12/19 00:00
Client ID:	05	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	13.3		mg/kg	1.88	--	1	08/21/19 22:35	08/22/19 21:51	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-06	Date Collected:	08/12/19 00:00
Client ID:	06	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	27.2		mg/kg	1.91	--	1	08/21/19 22:35	08/22/19 21:56	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-07	Date Collected:	08/12/19 00:00
Client ID:	07	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	6.08		mg/kg	1.88	--	1	08/21/19 22:35	08/22/19 22:00	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-08	Date Collected:	08/12/19 00:00
Client ID:	08	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	ND		mg/kg	1.92	--	1	08/21/19 22:35	08/22/19 22:05	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-09	Date Collected:	08/12/19 00:00
Client ID:	09	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	ND		mg/kg	1.88	--	1	08/21/19 22:35	08/22/19 22:09	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-10	Date Collected:	08/12/19 00:00
Client ID:	10	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	5.78		mg/kg	1.94	--	1	08/21/19 22:35	08/22/19 22:14	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-11	Date Collected:	08/12/19 00:00
Client ID:	11	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	4.20		mg/kg	1.95	--	1	08/21/19 22:35	08/22/19 22:31	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-12	Date Collected:	08/12/19 00:00
Client ID:	12	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	7.37		mg/kg	1.92	--	1	08/21/19 22:35	08/22/19 22:36	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-13	Date Collected:	08/12/19 00:00
Client ID:	13	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	6.81		mg/kg	2.00	--	1	08/21/19 22:35	08/22/19 22:40	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-14	Date Collected:	08/12/19 00:00
Client ID:	14	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	ND		mg/kg	1.92	--	1	08/21/19 22:35	08/22/19 22:44	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-15	Date Collected:	08/12/19 00:00
Client ID:	15	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	8.01		mg/kg	1.94	--	1	08/21/19 22:35	08/22/19 22:49	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-16	Date Collected:	08/12/19 00:00
Client ID:	16	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	ND		mg/kg	1.96	--	1	08/21/19 22:35	08/22/19 22:54	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-17	Date Collected:	08/12/19 00:00
Client ID:	17	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	ND		mg/kg	1.90	--	1	08/21/19 22:35	08/22/19 22:59	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-18	Date Collected:	08/12/19 00:00
Client ID:	18	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	ND		mg/kg	1.94	--	1	08/21/19 22:35	08/22/19 23:03	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-19	Date Collected:	08/12/19 00:00
Client ID:	19	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	7.86		mg/kg	1.92	--	1	08/21/19 22:35	08/22/19 23:08	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-20	Date Collected:	08/12/19 00:00
Client ID:	20	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	2.34		mg/kg	1.96	--	1	08/21/19 22:35	08/22/19 23:42	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-21	Date Collected:	08/12/19 00:00
Client ID:	21	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	23.4		mg/kg	1.98	--	1	08/21/19 22:00	08/22/19 16:04	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-22	Date Collected:	08/12/19 00:00
Client ID:	22	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	18.4		mg/kg	2.00	--	1	08/21/19 22:00	08/22/19 16:08	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-23	Date Collected:	08/12/19 00:00
Client ID:	23	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	23.2		mg/kg	1.95	--	1	08/21/19 22:00	08/22/19 16:13	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-24	Date Collected:	08/12/19 00:00
Client ID:	24	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	36.7		mg/kg	1.94	--	1	08/21/19 22:00	08/22/19 16:17	EPA 3050B	97,6010D	MC

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

SAMPLE RESULTS

Lab ID:	L1936324-25	Date Collected:	08/12/19 00:00
Client ID:	25	Date Received:	08/13/19
Sample Location:	90 WASHINGTON ST., SOMERVILLE, MA	Field Prep:	Not Specified

Sample Depth:
Matrix: Paint
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Lead, Total	46.2		mg/kg	1.94	--	1	08/21/19 22:00	08/22/19 16:21	EPA 3050B	97,6010D	MC

Project Name: CITY OF SOMERVILLE **Lab Number:** L1936324

Project Number: 308710/PH.HAZ/600006 **Report Date:** 08/23/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1275232-1										
Lead, Total	ND		mg/kg	2.00	--	1	08/21/19 22:35	08/22/19 20:28	97,6010D	MC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab for sample(s): 21-25 Batch: WG1275233-1										
Lead, Total	ND		mg/kg	2.00	--	1	08/21/19 22:00	08/22/19 10:07	97,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: CITY OF SOMERVILLE
Project Number: 308710/PH.HAZ/600006

Lab Number: L1936324
Report Date: 08/23/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1275232-2 WG1275232-3 SRM Lot Number: D105-540								
Lead, Total	89		89		71-128	0		30
MCP Total Metals - Mansfield Lab Associated sample(s): 21-25 Batch: WG1275233-2 WG1275233-3 SRM Lot Number: D105-540								
Lead, Total	85		89		71-128	5		30

Project Name: CITY OF SOMERVILLE
Project Number: 308710/PH.HAZ/600006

Lab Number: L1936324
Report Date: 08/23/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1936324-01A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-02A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-03A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-04A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-05A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-06A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-07A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-08A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-09A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-10A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-11A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-12A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-13A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-14A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-15A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-16A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-17A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-18A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-19A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-20A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-21A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-22A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-23A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)

*Values in parentheses indicate holding time in days

Project Name: CITY OF SOMERVILLE
Project Number: 308710/PH.HAZ/600006

Lab Number: L1936324
Report Date: 08/23/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1936324-24A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)
L1936324-25A	Bag	A	NA		3.0	Y	Absent		MCP-PB-6010T-10(180)

*Values in parentheses indicate holding time in days

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: Data Usability Report

Project Name:	CITY OF SOMERVILLE	**Lab Number:**	L1936324
Project Number:	308710/PH.HAZ/600006	**Report Date:**	08/23/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when using acetone as a solvent.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

Project Name: CITY OF SOMERVILLE
Project Number: 308710/PH.HAZ/600006
Lab Number: L1936324
Report Date: 08/23/19

REFERENCES

97 EPA Test Methods (SW-846) with QC Requirements & Performance Standards for the Analysis of EPA SW-846 Methods under the Massachusetts Contingency Plan, WSC-CAM-IIA, IIB, IIIA, IIIB, IIIC, IIID, VA, VB, VC, VIA, VIB, VIIIA and VIIIB, July 2010.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 8/13/19

ALPHA Job #: L1936324

Project Information

Project Name: City of Somerville

Project Location: 90 Washington St., Somerville, MA

Project #: 308710 / Ph. HAZ / Task 600006

Project Manager: David J. Gavin

ALPHA Quote #:

Client Information

Client: TRC Environmental Corp.

Address: 2 Liberty Square, 6th Floor

Boston, MA 02109

Phone: 617-548-8506

Fax:

Email: dgavin@trccompanies.com

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Report Information / Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

SAMPLE HANDLING
Filtration
☐ Done
☒ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Lead												Sample Specific Comments	TOTAL # BOTTLES
L1936324-01	01	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-02	02	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-03	03	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-04	04	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-05	05	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-06	06	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-07	07	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-08	08	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-09	09	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-10	10	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
					Container Type	-	-	-	-	-	-	-	-	-	-	-	-		
					Preservative	-	-	-	-	-	-	-	-	-	-	-	-		

Relinquished By:	Date/Time	Received By:	Date/Time
	8/13/19 1401		8/13/19 1401

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

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Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 8/13/19

ALPHA Job #: L1956324

Project Information

Project Name: City of Somerville

Project Location: 90 Washington St., Somerville, MA

Project #: 308710 / Ph. HAZ / Task 600006

Project Manager: David J. Gavin

ALPHA Quote #:

Report Information — Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Client Information

Client: TRC Environmental Corp.

Address: 2 Liberty Square, 6th Floor

Boston, MA 02109

Phone: 617-548-8506

Fax:

Email: dgavin@trccompanies.com

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

SAMPLE HANDLING
Filtration
☐ Done
☒ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Lead												Sample Specific Comments	Total # Bottles
56324-11	11	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-12	12	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-13	13	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-14	14	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-15	15	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-16	16	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-17	17	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-18	18	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-19	19	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-20	20	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
					Container Type	-	-	-	-	-	-	-	-	-	-	-	-		
					Preservative	-	-	-	-	-	-	-	-	-	-	-	-		

Relinquished By:	Date/Time	Received By:	Date/Time
	8/13/19 1401		8/13/19 1401

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

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Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 8/13/19

ALPHA Job #: L1936324

Project Information

Project Name: City of Somerville

Project Location: 90 Washington St., Somerville, MA

Project #: 308710 / Ph. HAZ / Task 600006

Project Manager: David J. Gavin

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Client Information

Client: TRC Environmental Corp.

Address: 2 Liberty Square, 6th Floor

Boston, MA 02109

Phone: 617-548-8506

Fax:

Email: dgavin@trccompanies.com

☐ These samples have been Previously analyzed by Alpha

Report Information

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Data Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

SAMPLE HANDLING
Filtration
☐ Done
☒ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Lead												Sample Specific Comments	Total # Bottles
36324-21	21	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-22	22	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-23	23	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-24	24	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-25	25	8/12/19		Paint	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
					Container Type	-	-	-	-	-	-	-	-	-	-	-	-		
					Preservative	-	-	-	-	-	-	-	-	-	-	-	-		

Relinquished By:	Date/Time	Received By:	Date/Time
	8/13/19 1401		8/13/19 1401

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO: 01-01(I-NJ)
(rev. 5-JAN-12)

APPENDIX D

PCB LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Lab Number:	L1934843
Client:	TRC Environmental Consultants 2 Liberty Square 650 Suffolk Street Boston, MA 02109
ATTN:	David Gavin
Phone:	(617) 548-8506
Project Name:	90 WASHINGTON STREET
Project Number:	308710/PHASE HAZ/TAS
Report Date:	08/19/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS

Lab Number: L1934843
Report Date: 08/19/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1934843-01	01	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-02	02	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-03	03	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-04	04	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-05	05	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-06	06	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-07	07	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-08	08	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-09	09	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-10	10	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19
L1934843-11	11	SOLID	90 WASHINGTON ST., SOMERVILLE, MA	07/30/19 00:00	08/05/19

Project Name:	90 WASHINGTON STREET	**Lab Number:**	L1934843
Project Number:	308710/PHASE HAZ/TAS	**Report Date:**	08/19/19

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E a.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E b.	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	YES

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	90 WASHINGTON STREET	**Lab Number:**	L1934843
Project Number:	308710/PHASE HAZ/TAS	**Report Date:**	08/19/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	90 WASHINGTON STREET	**Lab Number:**	L1934843
Project Number:	308710/PHASE HAZ/TAS	**Report Date:**	08/19/19

Case Narrative (continued)

Report Submission

The sample collection date and time were provided by the client.

MCP Related Narratives

Report Submission

All MCP required questions were answered with affirmative responses; therefore, there are no relevant protocol-specific QC and/or performance standard non-conformances to report.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 08/19/19

QC OUTLIER SUMMARY REPORT

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS

Lab Number: L1934843
Report Date: 08/19/19

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

ORGANICS

PCBS

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-01
Client ID: 01
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 20:49
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	549	--	1	A
Aroclor 1221	ND		ug/kg	549	--	1	A
Aroclor 1232	ND		ug/kg	549	--	1	A
Aroclor 1242	ND		ug/kg	275	--	1	A
Aroclor 1248	ND		ug/kg	549	--	1	A
Aroclor 1254	ND		ug/kg	549	--	1	A
Aroclor 1260	ND		ug/kg	549	--	1	A
Aroclor 1262	ND		ug/kg	549	--	1	A
Aroclor 1268	ND		ug/kg	275	--	1	A
PCBs, Total	ND		ug/kg	275	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-02
Client ID: 02
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 21:02
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	617	--	1	A
Aroclor 1221	ND		ug/kg	617	--	1	A
Aroclor 1232	ND		ug/kg	617	--	1	A
Aroclor 1242	ND		ug/kg	309	--	1	A
Aroclor 1248	ND		ug/kg	617	--	1	A
Aroclor 1254	ND		ug/kg	617	--	1	A
Aroclor 1260	ND		ug/kg	617	--	1	A
Aroclor 1262	ND		ug/kg	617	--	1	A
Aroclor 1268	ND		ug/kg	309	--	1	A
PCBs, Total	ND		ug/kg	309	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-03
Client ID: 03
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 21:15
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	546	--	1	A
Aroclor 1221	ND		ug/kg	546	--	1	A
Aroclor 1232	ND		ug/kg	546	--	1	A
Aroclor 1242	ND		ug/kg	273	--	1	A
Aroclor 1248	ND		ug/kg	546	--	1	A
Aroclor 1254	ND		ug/kg	546	--	1	A
Aroclor 1260	ND		ug/kg	546	--	1	A
Aroclor 1262	ND		ug/kg	546	--	1	A
Aroclor 1268	ND		ug/kg	273	--	1	A
PCBs, Total	ND		ug/kg	273	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-04
Client ID: 04
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 21:28
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	505	--	1	A
Aroclor 1221	ND		ug/kg	505	--	1	A
Aroclor 1232	ND		ug/kg	505	--	1	A
Aroclor 1242	ND		ug/kg	252	--	1	A
Aroclor 1248	ND		ug/kg	505	--	1	A
Aroclor 1254	ND		ug/kg	505	--	1	A
Aroclor 1260	ND		ug/kg	505	--	1	A
Aroclor 1262	ND		ug/kg	505	--	1	A
Aroclor 1268	ND		ug/kg	252	--	1	A
PCBs, Total	ND		ug/kg	252	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-05
Client ID: 05
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 21:41
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	525	--	1	A
Aroclor 1221	ND		ug/kg	525	--	1	A
Aroclor 1232	ND		ug/kg	525	--	1	A
Aroclor 1242	ND		ug/kg	262	--	1	A
Aroclor 1248	ND		ug/kg	525	--	1	A
Aroclor 1254	ND		ug/kg	525	--	1	A
Aroclor 1260	ND		ug/kg	525	--	1	A
Aroclor 1262	ND		ug/kg	525	--	1	A
Aroclor 1268	ND		ug/kg	262	--	1	A
PCBs, Total	ND		ug/kg	262	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-06
Client ID: 06
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 21:54
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	627	--	1	A
Aroclor 1221	ND		ug/kg	627	--	1	A
Aroclor 1232	ND		ug/kg	627	--	1	A
Aroclor 1242	ND		ug/kg	313	--	1	A
Aroclor 1248	ND		ug/kg	627	--	1	A
Aroclor 1254	ND		ug/kg	627	--	1	A
Aroclor 1260	ND		ug/kg	627	--	1	A
Aroclor 1262	ND		ug/kg	627	--	1	A
Aroclor 1268	ND		ug/kg	313	--	1	A
PCBs, Total	ND		ug/kg	313	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-07
Client ID: 07
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 22:07
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	656	--	1	A
Aroclor 1221	ND		ug/kg	656	--	1	A
Aroclor 1232	ND		ug/kg	656	--	1	A
Aroclor 1242	ND		ug/kg	328	--	1	A
Aroclor 1248	ND		ug/kg	656	--	1	A
Aroclor 1254	ND		ug/kg	656	--	1	B
Aroclor 1260	ND		ug/kg	656	--	1	A
Aroclor 1262	ND		ug/kg	656	--	1	A
Aroclor 1268	ND		ug/kg	328	--	1	A
PCBs, Total	ND		ug/kg	328	--	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-08
Client ID: 08
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 22:20
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	625	--	1	A
Aroclor 1221	ND		ug/kg	625	--	1	A
Aroclor 1232	ND		ug/kg	625	--	1	A
Aroclor 1242	ND		ug/kg	312	--	1	A
Aroclor 1248	ND		ug/kg	625	--	1	A
Aroclor 1254	ND		ug/kg	625	--	1	A
Aroclor 1260	ND		ug/kg	625	--	1	A
Aroclor 1262	ND		ug/kg	625	--	1	A
Aroclor 1268	ND		ug/kg	312	--	1	A
PCBs, Total	ND		ug/kg	312	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-09
Client ID: 09
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 22:33
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	559	--	1	A
Aroclor 1221	ND		ug/kg	559	--	1	A
Aroclor 1232	ND		ug/kg	559	--	1	A
Aroclor 1242	ND		ug/kg	279	--	1	A
Aroclor 1248	ND		ug/kg	559	--	1	A
Aroclor 1254	ND		ug/kg	559	--	1	A
Aroclor 1260	ND		ug/kg	559	--	1	A
Aroclor 1262	ND		ug/kg	559	--	1	A
Aroclor 1268	ND		ug/kg	279	--	1	A
PCBs, Total	ND		ug/kg	279	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-10
Client ID: 10
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 22:46
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	647	--	1	A
Aroclor 1221	ND		ug/kg	647	--	1	A
Aroclor 1232	ND		ug/kg	647	--	1	A
Aroclor 1242	ND		ug/kg	324	--	1	A
Aroclor 1248	ND		ug/kg	647	--	1	A
Aroclor 1254	ND		ug/kg	647	--	1	A
Aroclor 1260	ND		ug/kg	647	--	1	A
Aroclor 1262	ND		ug/kg	647	--	1	A
Aroclor 1268	ND		ug/kg	324	--	1	A
PCBs, Total	ND		ug/kg	324	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS
Lab Number: L1934843
Report Date: 08/19/19

SAMPLE RESULTS

Lab ID: L1934843-11
Client ID: 11
Sample Location: 90 WASHINGTON ST., SOMERVILLE, MA

Date Collected: 07/30/19 00:00
Date Received: 08/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 97,8082A
Analytical Date: 08/17/19 23:51
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
MCP Polychlorinated Biphenyls - Westborough Lab							
Aroclor 1016	ND		ug/kg	619	--	1	A
Aroclor 1221	ND		ug/kg	619	--	1	A
Aroclor 1232	ND		ug/kg	619	--	1	A
Aroclor 1242	ND		ug/kg	310	--	1	A
Aroclor 1248	ND		ug/kg	619	--	1	A
Aroclor 1254	ND		ug/kg	619	--	1	A
Aroclor 1260	ND		ug/kg	619	--	1	A
Aroclor 1262	ND		ug/kg	619	--	1	A
Aroclor 1268	ND		ug/kg	310	--	1	A
PCBs, Total	ND		ug/kg	310	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS

Lab Number: L1934843
Report Date: 08/19/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 97,8082A
Analytical Date: 08/17/19 22:59
Analyst: HT

Extraction Method: EPA 3540C
Extraction Date: 08/15/19 12:20
Cleanup Method: EPA 3630
Cleanup Date: 08/16/19
Cleanup Method: EPA 3665A
Cleanup Date: 08/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
MCP Polychlorinated Biphenyls - Westborough Lab for sample(s): 01-11 Batch: WG1272792-1						
Aroclor 1016	ND		ug/kg	612	--	A
Aroclor 1221	ND		ug/kg	612	--	A
Aroclor 1232	ND		ug/kg	612	--	A
Aroclor 1242	ND		ug/kg	306	--	A
Aroclor 1248	ND		ug/kg	612	--	A
Aroclor 1254	ND		ug/kg	612	--	A
Aroclor 1260	ND		ug/kg	612	--	A
Aroclor 1262	ND		ug/kg	612	--	A
Aroclor 1268	ND		ug/kg	306	--	A
PCBs, Total	ND		ug/kg	306	--	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	95		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS

Lab Number: L1934843
Report Date: 08/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
MCP Polychlorinated Biphenyls - Westborough Lab Associated sample(s): 01-11 Batch: WG1272792-2 WG1272792-3									
Aroclor 1016	71		72		40-140	1		30	A
Aroclor 1260	71		74		40-140	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		79		30-150	A
Decachlorobiphenyl	88		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		78		30-150	B
Decachlorobiphenyl	91		92		30-150	B

Project Name: 90 WASHINGTON STREET
Project Number: 308710/PHASE HAZ/TAS

Lab Number: L1934843
Report Date: 08/19/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1934843-01A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-02A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-03A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-04A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-05A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-06A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-07A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-08A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-09A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-10A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)
L1934843-11A	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		MCP-8082-CAULK(365)

*Values in parentheses indicate holding time in days

Project Name:	90 WASHINGTON STREET	**Lab Number:**	L1934843
Project Number:	308710/PHASE HAZ/TAS	**Report Date:**	08/19/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: Data Usability Report

Project Name:	90 WASHINGTON STREET	**Lab Number:**	L1934843
Project Number:	308710/PHASE HAZ/TAS	**Report Date:**	08/19/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

Project Name:	90 WASHINGTON STREET	**Lab Number:**	L1934843
Project Number:	308710/PHASE HAZ/TAS	**Report Date:**	08/19/19

REFERENCES

97 EPA Test Methods (SW-846) with QC Requirements & Performance Standards for the Analysis of EPA SW-846 Methods under the Massachusetts Contingency Plan, WSC-CAM-IIA, IIB, IIIA, IIIB, IIIC, IIID, VA, VB, VC, VIA, VIB, VIIIA and VIIIB, July 2010.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE OF

ALPHA ANALYTICAL

Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 8/5/19

ALPHA Job #: L1934843

Project Information

Project Name: 90 Washington Street

Project Location: 90 Washington St., Somerville, MA

Project #: 308710/Phase HAZ/Task 600006

Project Manager: David J. Gavin

ALPHA Quote #:

Report Information Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

Client Information

Client: TRC Environmental Corp.

Address: 2 Liberty Square, 6th Floor

Boston, MA 02109

Phone: 617-548-8506

Fax:

Email: dgavin@trccompanies.com

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

SAMPLE HANDLING
Filtration
☐ Done
☒ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PCB - Soxhlet Extraction												Sample Specific Comments	TOTAL # BOTTLES
34843-01	01	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-02	02	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-03	03	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-04	04	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-05	05	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-06	06	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-07	07	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-08	08	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-09	09	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-10	10	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
					Container Type	-	-	-	-	-	-	-	-	-	-	-	-		
					Preservative	-	-	-	-	-	-	-	-	-	-	-	-		

Relinquished By:	Date/Time	Received By:	Date/Time
	8-5-19/1525		8/5/19 1525

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO: 01-01(I-AU)
(rev. 9-JAN-12)

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ALPHA ANALYTICAL — World Class Chemistry

Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 8/5/19

ALPHA Job #: L1934843

Project Information

Project Name: 90 Washington Street

Project Location: 90 Washington St., Somerville, MA

Project #: 308710/Phase HAZ/Task 600006

Project Manager: David J. Gavin

ALPHA Quote #:

Client Information

Client: TRC Environmental Corp.

Address: 2 Liberty Square, 6th Floor

Boston, MA 02109

Phone: 617-548-8506

Fax:

Email: dgavin@trccompanies.com

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Report Information / Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

SAMPLE HANDLING
Filtration
☐ Done
☒ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PCB - Soxhlet Extraction												Sample Specific Comments	TOTAL # BOTTLES
34843-11	11	7/30/19		Caulk	DJG	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
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Container Type						-	-	-	-	-	-	-	-	-	-	-	-		
Preservative						-	-	-	-	-	-	-	-	-	-	-	-		

Relinquished By:	Date/Time	Received By:	Date/Time
	8-5-19/1525		8/6/19 1525

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO: 01-01(I-NJ)
(rev. 5-JAN-12)

APPENDIX E

OTHER HAZARDOUS/REGULATED MATERIALS INVENTORY

HazMat Inventory Section

Unit 1 - Former Dunkin' Donuts

Non-PCB ballasts

HAZMAT Item Description	Non-PCB ballasts
HAZMAT Item Quantity	56
HAZMAT Item Photo	

Heavy Metal Containing Devices, Fire alarm strobe lights

HAZMAT Item Description	Heavy Metal Containing Devices, Fire alarm strobe lights
HAZMAT Item Quantity	5

HAZMAT Item Photo

Heavy Metal Containing Devices, Smoke Detector Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Smoke Detector Batteries
HAZMAT Item Quantity	12

HAZMAT Item Photo	

Heavy Metal Containing Devices, Thermostats

HAZMAT Item Description	Heavy Metal Containing Devices, Thermostats
HAZMAT Item Quantity	3
HAZMAT Item Note	Electric thermostat
HAZMAT Item Photo	

Heavy Metal Containing Devices, Security System and Alarm Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Security System and Alarm Batteries

HAZMAT Item Quantity	2
HAZMAT Item Photo	

Water heater

HAZMAT Item Description	Water heater
HAZMAT Item Quantity	1
HAZMAT Item Photo	

Unit 2 - Former Pizza Parlor

Inventory Area Description	Unit 2 - Former Pizza Parlor

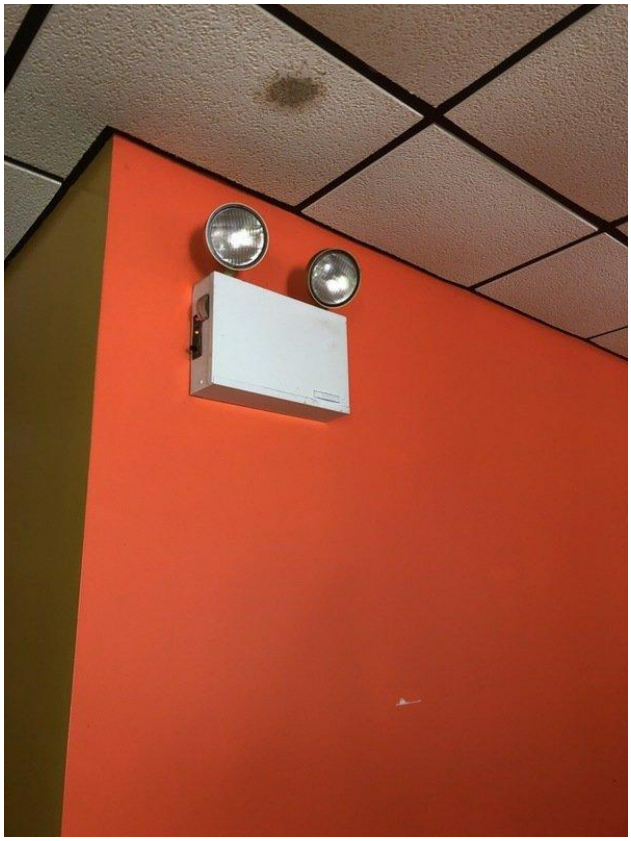
Heavy Metal Containing Devices, Exit Sign Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Exit Sign Batteries
HAZMAT Item Quantity	3
HAZMAT Item Photo	

Heavy Metal Containing Devices, Emergency Lighting System Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Emergency Lighting System Batteries
HAZMAT Item Quantity	2

HAZMAT Item Photo



PCB Containing Devices, PCB Ballast

HAZMAT Item Description	PCB Containing Devices, PCB Ballast
HAZMAT Item Quantity	23

HAZMAT Item Photo	

Heavy Metal Containing Devices, Flourescent (Silver Tip)

HAZMAT Item Description	Heavy Metal Containing Devices, Flourescent (Silver Tip)
HAZMAT Item Quantity	18
HAZMAT Item Note	Stored above bathrooms
HAZMAT Item Photo	

Heavy Metal Containing Devices, Fluorescent (Green Tip)

HAZMAT Item Description	Heavy Metal Containing Devices, Fluorescent (Green Tip)

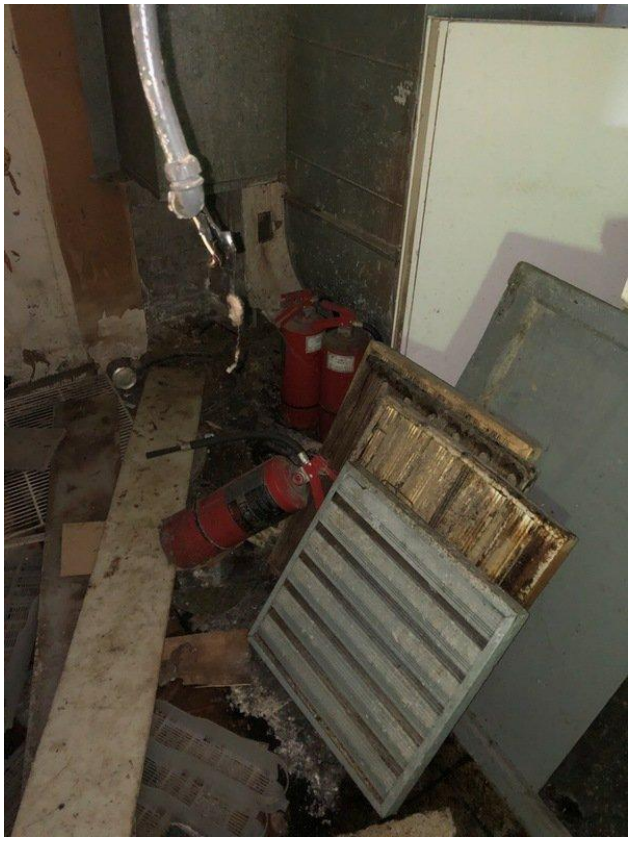
HAZMAT Item Quantity	4
HAZMAT Item Note	Stored above bathroom

Miscellaneous, Paints

HAZMAT Item Description	Miscellaneous, Paints
HAZMAT Item Quantity	1qt, 5 1gal
HAZMAT Item Photo	

Refrigerants, Fire Extinguisher

HAZMAT Item Description	Refrigerants, Fire Extinguisher
HAZMAT Item Quantity	5
HAZMAT Item Photo	



Miscellaneous, Other Electronic Recyclables

HAZMAT Item Description	Miscellaneous, Other Electronic Recyclables

HAZMAT Item Quantity	4
HAZMAT Item Note	1 monitor 3 fax machines, microwave
HAZMAT Item Photo	

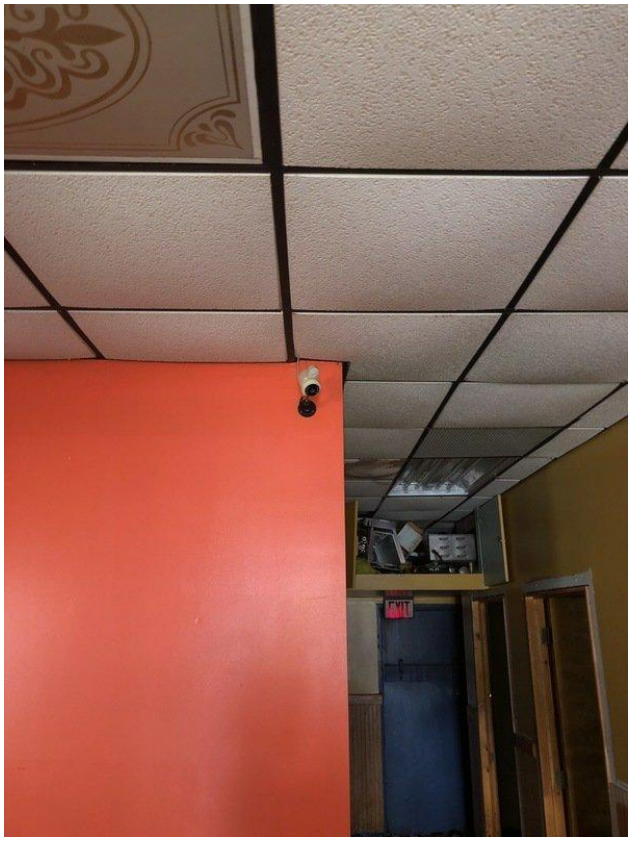
Heavy Metal Containing Devices, Flourescent (Silver Tip)

HAZMAT Item Description	Heavy Metal Containing Devices, Flourescent (Silver Tip)
HAZMAT Item Quantity	77

Heavy Metal Containing Devices, Security System and Alarm Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Security System and Alarm Batteries
HAZMAT Item Quantity	2

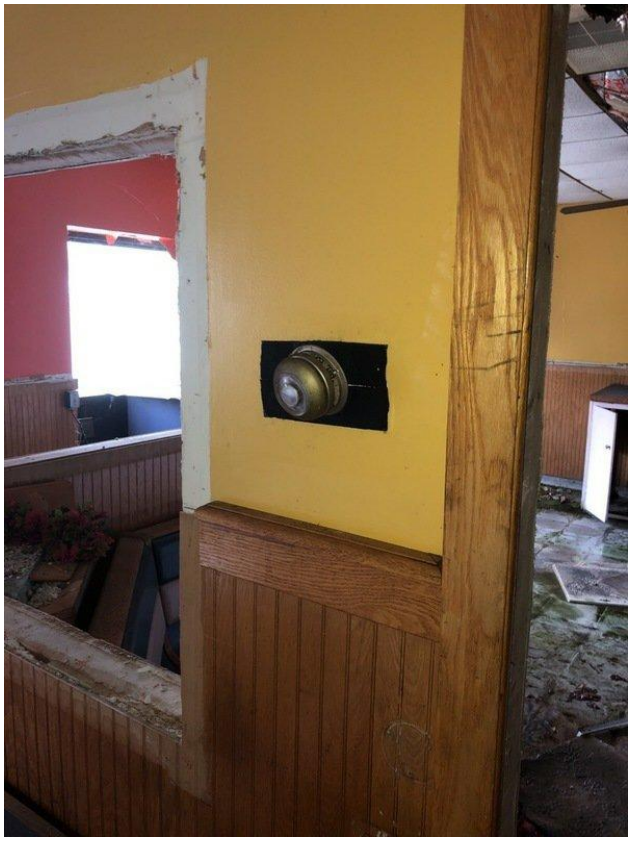
HAZMAT Item Photo



Heavy Metal Containing Devices, Thermostats

HAZMAT Item Description	Heavy Metal Containing Devices, Thermostats
HAZMAT Item Quantity	1

HAZMAT Item Photo



Water heater

HAZMAT Item Description	Water heater
HAZMAT Item Quantity	3

HAZMAT Item Photo

Refrigerants, Retail Floor Cooler

HAZMAT Item Description	Refrigerants, Retail Floor Cooler
HAZMAT Item Quantity	2

HAZMAT Item Photo

Refrigerants, HVAC

HAZMAT Item Description	Refrigerants, HVAC
HAZMAT Item Quantity	2

HAZMAT Item Photo

Unit 3 - Former beauty salon

Inventory Area Description	Unit 3 - Former beauty salon

Heavy Metal Containing Devices, Exit Sign Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Exit Sign Batteries
HAZMAT Item Quantity	3

HAZMAT Item Photo

Heavy Metal Containing Devices, CFL

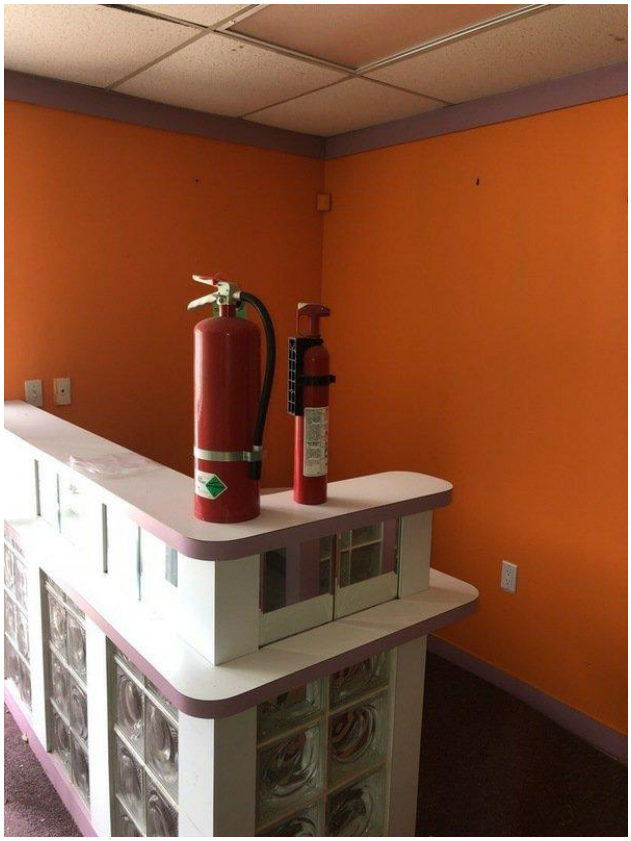
HAZMAT Item Description	Heavy Metal Containing Devices, CFL
HAZMAT Item Quantity	9

HAZMAT Item Photo

Refrigerants, Fire Extinguisher

HAZMAT Item Description	Refrigerants, Fire Extinguisher
HAZMAT Item Quantity	2

HAZMAT Item Photo



Heavy Metal Containing Devices, Non-PCB ballast

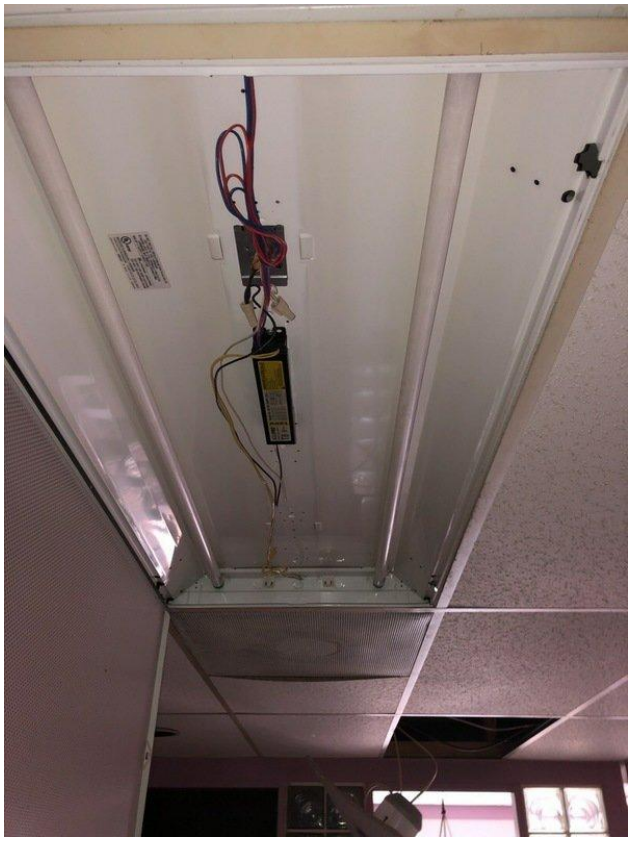
HAZMAT Item Description	Heavy Metal Containing Devices, Non-PCB ballast
HAZMAT Item Quantity	9

HAZMAT Item Photo

Heavy Metal Containing Devices, Fluorescent (Green Tip)

HAZMAT Item Description	Heavy Metal Containing D vices, Fluorescent (Green Tip)
HAZMAT Item Quantity	36

HAZMAT Item Photo



Heavy Metal Containing Devices, Emergency Lighting System Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Emergency Lighting System Batteries
HAZMAT Item Quantity	2

HAZMAT Item Photo

Heavy Metal Containing Devices, Smoke Detector Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Smoke Detector Batteries
HAZMAT Item Quantity	3

HAZMAT Item Photo

Heavy Metal Containing Devices, Thermostats

HAZMAT Item Description	Heavy Metal Containing Devices, Thermostats
HAZMAT Item Quantity	1

HAZMAT Item Photo

Miscellaneous, Paints

HAZMAT Item Description	Miscellaneous, Paints
HAZMAT Item Quantity	2 1 qt

HAZMAT Item Photo

Heavy Metal Containing Devices, Security System and Alarm Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Security System and Alarm Batteries
HAZMAT Item Quantity	1

HAZMAT Item Photo

Refrigerants, HVAC

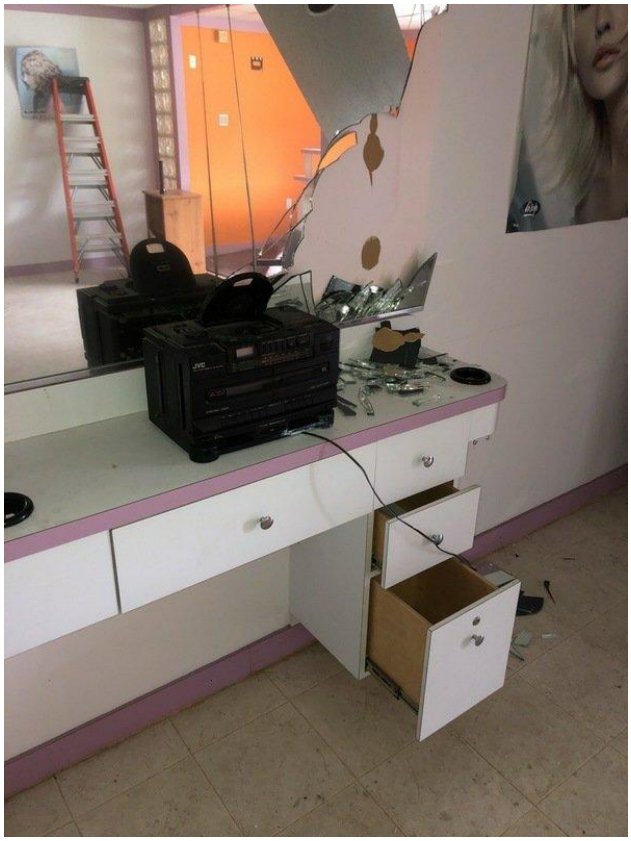
HAZMAT Item Description	Refrigerants, HVAC
HAZMAT Item Quantity	1

HAZMAT Item Photo	

Water tank

HAZMAT Item Description	Water tank
HAZMAT Item Photo	

Miscellaneous, Other Electronic Recyclables

HAZMAT Item Description	Miscellaneous, Other Electronic Recyclables
HAZMAT Item Quantity	4
HAZMAT Item Note	1 stereo and 1 sanitizer 2 salon items
HAZMAT Item Photo	

Unit 4 - Former LIVRARIA

Inventory Area Description	Unit 4 - Former LIVRARIA

Heavy Metal Containing Devices, Emergency Lighting System Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Emergency Lighting System Batteries
HAZMAT Item Quantity	1

HAZMAT Item Photo

Heavy Metal Containing Devices, Security System and Alarm Batteries

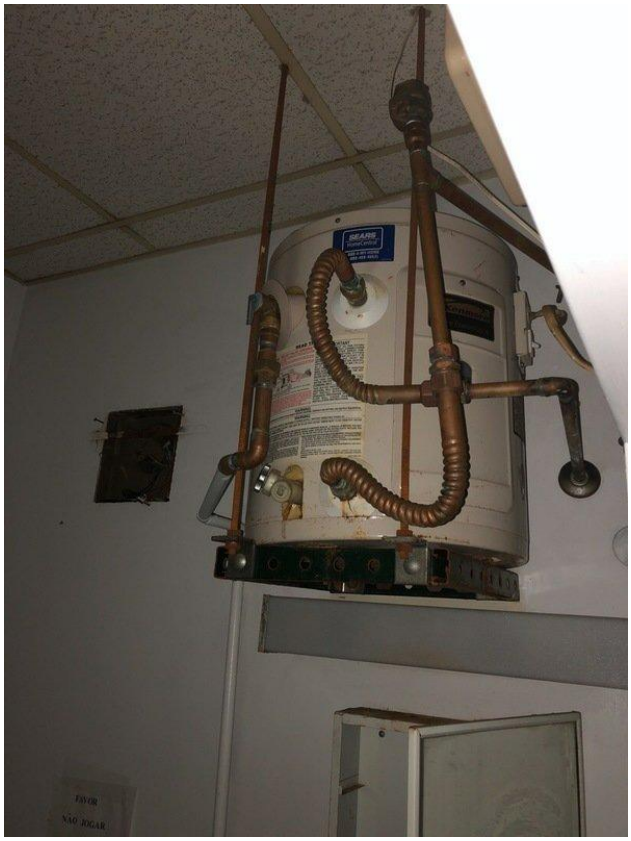
HAZMAT Item Description	Heavy Metal Containing Devices, Security System and Alarm Batteries
HAZMAT Item Quantity	1

HAZMAT Item Photo

Water heater

HAZMAT Item Description	Water heater
HAZMAT Item Quantity	1

HAZMAT Item Photo



Heavy Metal Containing Devices, Non PCB ballast

HAZMAT Item Description	Heavy Metal Containing Devices, Non PCB ballast
HAZMAT Item Quantity	11

HAZMAT Item Photo

Heavy Metal Containing Devices, Fluorescent (Green Tip)

HAZMAT Item Description	Heavy Metal Containing Devices, Fluorescent (Green Tip)
HAZMAT Item Quantity	24 + 8 stored

HAZMAT Item Photo

Miscellaneous, Cleaning Supplies

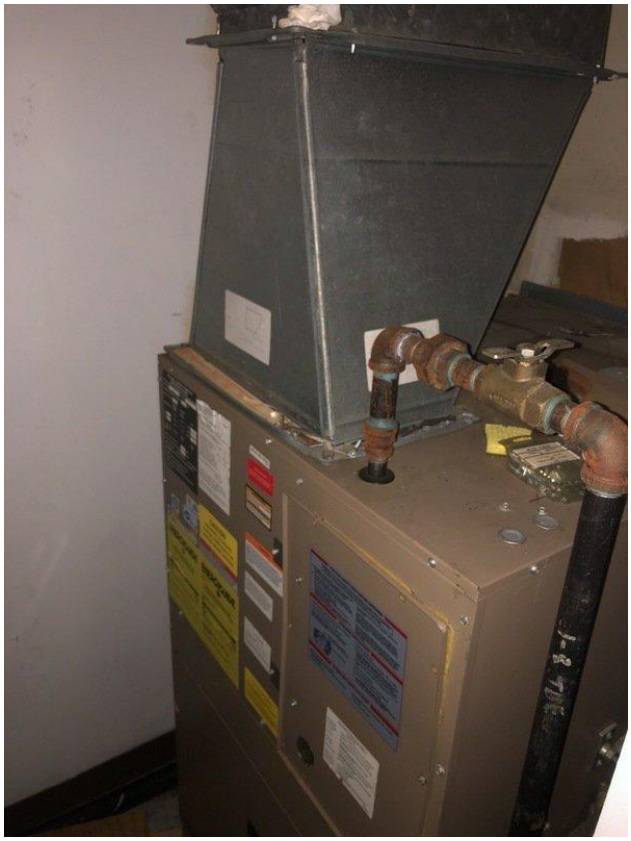
HAZMAT Item Description	Miscellaneous, Cleaning Supplies
HAZMAT Item Quantity	1 gallon

HAZMAT Item Photo

Refrigerants, HVAC

HAZMAT Item Description	Refrigerants, HVAC
HAZMAT Item Quantity	1

HAZMAT Item Photo



Unit 5 - Former Potato Freak

Inventory Area Description	Unit 5 - Former Potato Freak

Heavy Metal Containing Devices, Smoke Detector Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Smoke Detector Batteries
HAZMAT Item Quantity	6

HAZMAT Item Photo

Heavy Metal Containing Devices, Non PCB ballast

HAZMAT Item Description	Heavy Metal Containing Devices, Non PCB ballast
HAZMAT Item Quantity	19

HAZMAT Item Photo

Heavy Metal Containing Devices, Flourescent (Silver Tip)

HAZMAT Item Description	Heavy Metal Containing Devices, Flourescent (Silver Tip)
HAZMAT Item Quantity	38

HAZMAT Item Photo

Heavy Metal Containing Devices, Exit Sign Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Exit Sign Batteries
HAZMAT Item Quantity	4

HAZMAT Item Photo

Heavy Metal Containing Devices, Emergency Lighting System Batteries

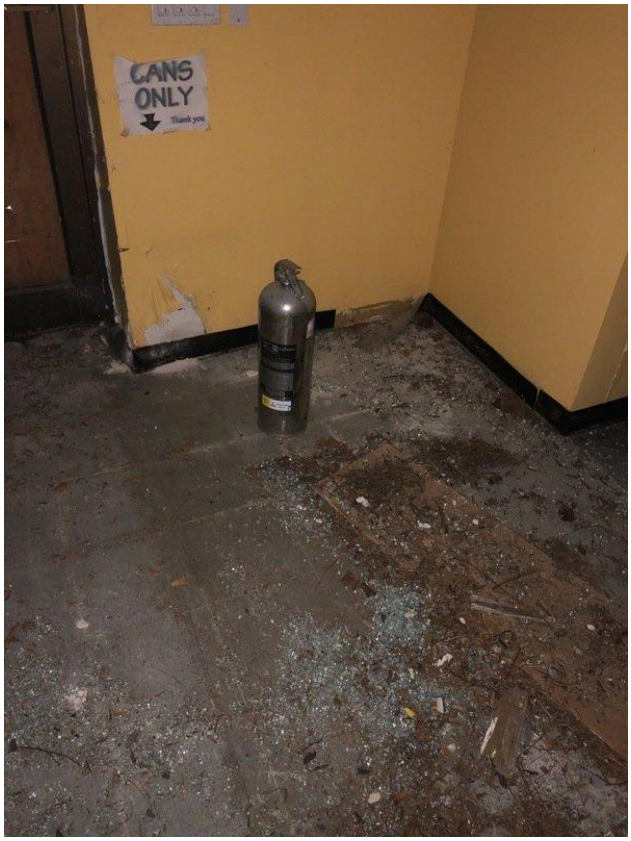
HAZMAT Item Description	Heavy Metal Containing Devices, Emergency Lighting System Batteries
HAZMAT Item Quantity	4

HAZMAT Item Photo

Refrigerants, Fire Extinguisher

HAZMAT Item Description	Refrigerants, Fire Extinguisher
HAZMAT Item Quantity	3

HAZMAT Item Photo



Water tank

HAZMAT Item Description	Water tank
HAZMAT Item Quantity	3

HAZMAT Item Photo

Refrigerants, HVAC

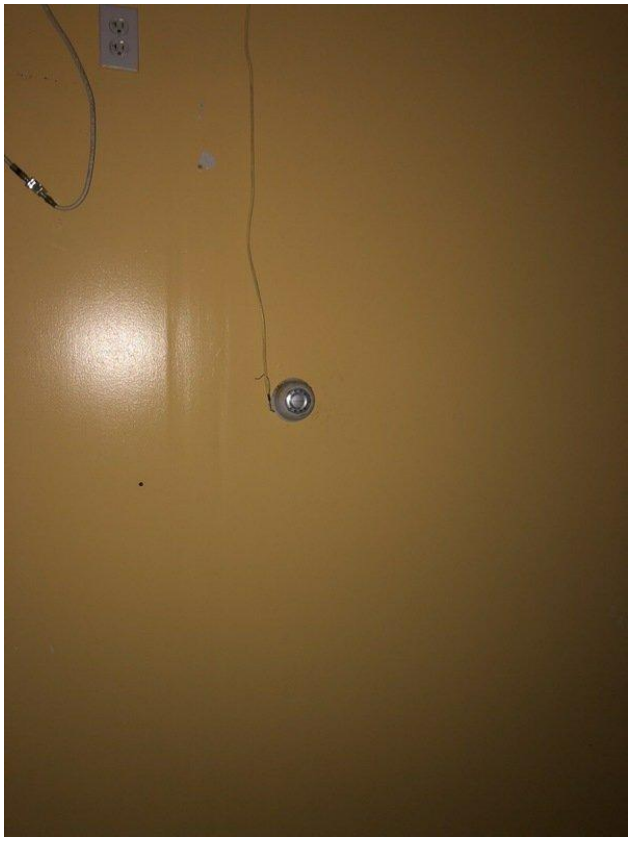
HAZMAT Item Description	Refrigerants, HVAC
HAZMAT Item Quantity	2

HAZMAT Item Photo

Heavy Metal Containing Devices, Thermostats

HAZMAT Item Description	Heavy Metal Containing Devices, Thermostats
HAZMAT Item Quantity	3

HAZMAT Item Photo



Heavy Metal Containing Devices, Security System and Alarm Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Security System and Alarm Batteries
HAZMAT Item Quantity	2
HAZMAT Item Note	Strobes

HAZMAT Item Photo

Miscellaneous, Cleaning Supplies

HAZMAT Item Description	Miscellaneous, Cleaning Supplies
HAZMAT Item Quantity	3 gal

HAZMAT Item Photo

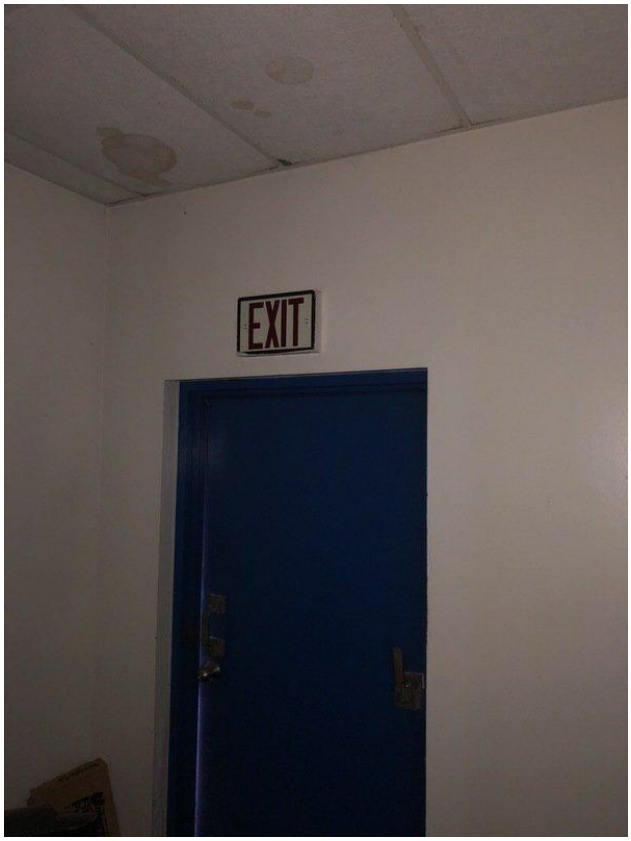
Unit 6 - Former CRS

Inventory Area Description	Unit 6 - Former CRS

Heavy Metal Containing Devices, Exit Sign Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Exit Sign Batteries
HAZMAT Item Quantity	2

HAZMAT Item Photo



Heavy Metal Containing Devices, Emergency Lighting System Batteries

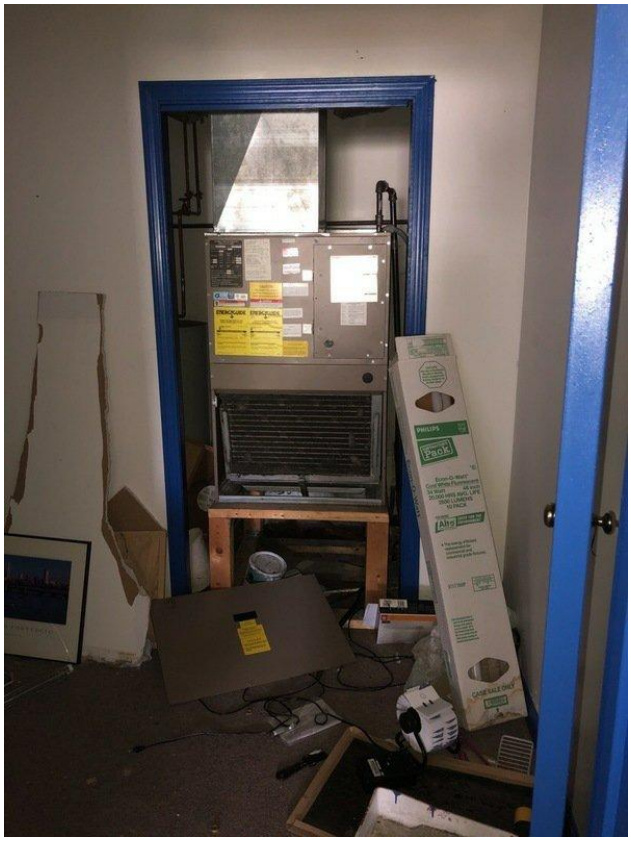
HAZMAT Item Description	Heavy Metal Containing Devices, Emergency Lighting System Batteries
HAZMAT Item Quantity	1

HAZMAT Item Photo

Refrigerants, HVAC

HAZMAT Item Description	Refrigerants, HVAC
HAZMAT Item Quantity	1

HAZMAT Item Photo



Water heater

HAZMAT Item Description	Water heater
HAZMAT Item Quantity	1

HAZMAT Item Photo	

Heavy Metal Containing Devices, No PCB ballast

HAZMAT Item Description	Heavy Metal Containing Devices, No PCB ballast
HAZMAT Item Quantity	12
HAZMAT Item Photo	

Heavy Metal Containing Devices, Flourescent (Silver Tip)

HAZMAT Item Description	Heavy Metal Containing Devices, Flourescent (Silver Tip)
HAZMAT Item Quantity	48

HAZMAT Item Photo	

Miscellaneous, Paints

HAZMAT Item Description	Miscellaneous, Paints
HAZMAT Item Quantity	3 gal 1 qt
HAZMAT Item Photo	

Unit 7 - Former Laundromat

Inventory Area Description	Unit 7 - Former Laundromat

Heavy Metal Containing Devices, Exit Sign Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Exit Sign Batteries
HAZMAT Item Quantity	3
HAZMAT Item Photo	

Heavy Metal Containing Devices, Non PCB ballast

HAZMAT Item Description	Heavy Metal Containing Devices, Non PCB ballast
HAZMAT Item Note	57
HAZMAT Item Photo	

Heavy Metal Containing Devices, Flourescent (Silver Tip)

HAZMAT Item Description	Heavy Metal Containing Devices, Flourescent (Silver Tip)
HAZMAT Item Quantity	85 4 stored
HAZMAT Item Photo	

Heavy Metal Containing Devices, Emergency Lighting System Batteries

HAZMAT Item Description	Heavy Metal Containing Devices, Emergency Lighting System Batteries
HAZMAT Item Quantity	1

HAZMAT Item Photo	

Refrigerants, HVAC

HAZMAT Item Description	Refrigerants, HVAC
HAZMAT Item Quantity	2
HAZMAT Item Photo	

Heavy Metal Containing Devices, Thermostats

HAZMAT Item Description	Heavy Metal Containing Devices, Thermostats
HAZMAT Item Quantity	2

HAZMAT Item Photo