Phase II Environmental Site Assessment Report

FOR

Proposed 247 North Avenue Development
247 North Avenue
New Rochelle, Westchester County, New York

Prepared For:

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1.0 INTRODUCTION

SESI Consulting Engineers, DPC (SESI) has conducted this Phase II Environmental Site Assessment (Phase II ESA) on behalf of the Requestor247 North Avenue Associates, LLC (247 North), for a 0.57-acre property located at 247 North Avenue in New Rochelle, Westchester County, New York (the "Site"). The Subject Property is currently improved with a 1-story commercial building occupied by Planned Parenthood and an associated asphalt parking lot. The property is bound to the west by North Avenue, to the north by a commercial building and the construction site of a residential apartment building, to the east by LeCount Place followed by a multi-story parking and residential structure and hotel, and to the south by a 1-story commercial building occupied by the Creative Learning Center, and a 4-story residential building with ground-floor retail. **Figure 1** presents a Site Location Map.

SESI reviewed Sanborn maps of the Site and adjoining properties to determine potential areas of concern. The north-adjoining property was formerly occupied by a newspaper printing operation (1951), marble and stone cutting operation (1911), and coal and lumber yard (1892).

This Phase II Site investigation report complies with the 2015 American Society for Testing and Materials standard (ASTM E1903). **Figure 2** presents a soil boring location plan.

SESI collected soil and soil vapor samples, to further investigate the environmental quality of soils and soil vapor across the Site.

1.1 Site Settings

The Site consists of a 0.57-acre property located at 247 North Avenue, New Rochelle, Westchester County, New York. The Site is located in a commercial and residential urban area in downtown New Rochelle. The site is bound by North Avenue to the west and Lecount Place to the east. The closest surface water body is an inlet of the Long Island Sound, located approximately 0.4 miles east of the Site. The Site topography is generally flat and regionally slopes gently downward to the east.

1.2 Proposed Site Development

Redevelopment plans were not available at the time this report was prepared. A multi-story mixed-use development is planned for the Site.

2.0 SUBSURFACE INVESTIGATION

The field work was conducted under the site-specific Health and Safety Plan (HASP) between October 3rd and 4th, 2019.

2.1 Utility Clearance and Geophysical Survey

Prior to conducting any subsurface drilling, SESI's drilling contractor (Enviro Drilling) contacted New York's utility mark-out system. In addition, Enviro Drilling conducted a geophysical survey prior to drilling to investigate the potential for historical USTs, and to locate underground utilities not included in the one-call. Enviro Drilling performed the survey on October 3, 2019 and did not located any underground utilities or anomalies consistent with an UST. Enviro Drilling's report is provided in **Appendix A**.

2.2 Borings

Eleven (11) soil borings, and four (4) soil vapor points were advanced using a direct push Geoprobe® rig. The boring and soil vapor point locations are shown in **Figure 2** and **Figure 3**, respectively. Soil boring logs are presented in **Appendix B**. A total of eleven (11) soil samples and four (4) soil vapor samples were collected and analyzed for various parameters at Alpha Analytical Laboratories (Alpha), which is a NYSDEC ELAP-certified laboratory. The soil samples were collected from varying depths based on field screening, which included screening with a Photo Iodization Detector (PID), visual and olfactory observations. All soil samples were named based on their respective soil boring number and specified depth.

3.0 ANALYTICAL RESULTS

3.1 Soil Investigation Results

In total, eleven (11) soil samples were collected. The soil sample locations were distributed to cover all accessible areas of the Site, outside the footprint of the existing building. The soil sample depths were selected based on the field screening. The soil samples were sent to Alpha with a chain-of-custody (COC) and analyzed for TCL/TAL+30. The laboratory analytical reports are included in **Appendix C**. Soil boring locations and a summary of the results are shown on **Figure 3**. Summary tables of the analytical results compared to New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives (UUSCO),

Residential Soil Clean-up Objectives (RSCOs), and Restricted Residential Soil Clean-up Objectives (RRSCOs) are presented in Tables 1-4.

The table below presents a summary of the exceedances of the NYSDEC SCOs. As shown in the table, several SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno (1,2,3-cd)pyrene exceeded the NYSDEC RRSCOs in three samples (SB-3, SB-4, and SB-5) by as much as 48 times the SCOs. Metals including mercury slightly exceeded RRSCOs in two samples (SB-4 and SB-6), and UUSCOs in two samples (SB-3 and SB-5) and lead exceeded UUSCOs in four samples (SB-3, SB-4, SB-5, and SB-6). In addition, selenium exceeded the UUSCO in one sample (SB-4). No pesticides or PCBs were detected in any samples. No volatile organic compounds (VOCs) were identified in any sample collected exceeding the NYSDEC UUSCOs. Complete soil sample analytical results are summarized in Tables 1-4.

Analyte	RSCO	RRSCO	UUSCO	SB-3 (3-4)	SB-4 (3-4)	SB-5 (5-6)	SB-6 (2-3)
SEMIVOLATILES (ppm)							
Benzo(a)anthracene	1	1	1	**19**	**9.5**	**48**	0.15
Benzo(a)pyrene	1	1	1	**20**	**8.8**	**38**	0.15
Benzo(b)fluoranthene	1	1	1	**23**	**11**	**44**	0.21
Benzo(k)fluoranthene	1	3.9	0.8	**7.9**	**3.2**	**19**	0.072
Chrysene	1	3.9	1	**20**	**10**	**42**	0.16
Dibenzo(a,h)anthracene	0.33	0.33	0.33	**2.3**	**1.1**	**5**	0.025
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	**12**	**4.6**	**18**	0.11
TOTAL METALS (ppm)							
Lead	400	400	63	**189**	**148**	**257**	**222**
Mercury	0.81	0.81	0.18	**0.196**	**0.817**	**0.67**	**1.04**
Selenium	36	180	3.9	0.336	**5.28**	0.511	0.576

Red Highlight exceed RRSCO
Yellow Highlight exceeds USCO

3.2 Soil Vapor Results

Four (4) soil vapor samples were collected during the investigation. The samples were sent to Alpha, an ELAP-Certified laboratory, on a chain of custody (COC) for TO-15 analysis. All the soil vapor samples were collected approximately 10 feet below grade surface. The laboratory analytical reports are included in Appendix C. Soil vapor sample locations and a summary of the results are shown on **Figure 4**. The attached Table 5 presents all soil vapor results compared to

their United States Environmental Protection Agency (USEPA) Vapor Intrusion Screening Level (VISL) Target Sub-Slab Soil Gas Concentrations dated May 2018 and the New York State Department of Health (NYSDOH) Sub-Slab Vapor Concentration Criteria for Evaluating Soil Vapor Intrusion dated May 2017.

As shown in the summary table below, 1,3-Butadiene was identified in all four samples at concentrations well in excess of the USEPA-VISL by more than 50 times. In addition, 1,1-dichloroethene, 1,1-dichloroethane, 1,1,1-trichloroethane, and trichloroethene were identified at concentrations exceeding either USEPA-VISLs or NYSDOH criteria in SV-3. The trichloroethene (TCE) concentration was more than four times higher than the applicable NYSDOH criteria, and the 1,1,1-trichloroethane (1,1,1-TCA) concentration was more than 37 times higher than the NYSDOH criteria.

Summary of soil gas exceedances of the EPA and NYSDOH levels

Analyte	USEPA VISL	NYSDOH Criteria	SV-1	SV-2	SV-3	SV-4
	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Trichloroethene		6	ND	ND	29.5	ND
1,3-Butadiene	3.12		230	212	154	159
1,1-dichloroethene		6	ND	ND	8.68	ND
1,1-dichloroethane	585		ND	ND	903	ND
1,1,1-trichloroethane		100	ND	ND	3730	10.2

Notes:
ug/m3 = micrograms per cubic meter of air
SV = Soil Vapor Sample
Yellow Highlight = Concentration exceeds USEPA VISL or
Red Highlight exceeds NYSDOH Criteria

4.0 CONCLUSIONS AND RECOMMENDATIONS

The results indicate that this is a highly contaminated Site with SVOCs present in the Site soil exceeding the RRSCOs by several multipliers and metals present in the soils exceeding the RRSCOs. The levels of VOCs in soil vapors were found at extremely high concentrations that exceed the applicable USEPA and NYSDOH criteria by as much as 50 times.

Due to the high levels of contamination in soils, a complete cleanup and proper disposal of the Site soils must be undertaken before any development activity.

The soil vapors exceedances of the NYSDOH Matrix A or B Sub-Slab Vapor Concentrations Criteria (May 2017) by as much as 37 times for 1,1,1-TCA, renders the Site in need for long-term mitigation for any planned development.

TABLES
(Electronic)

Table 1
Soil Sample Analytical Results
Pesticides PCBs
247 North Avenue, New Rochelle, NY

LOCATION	NY 375-6.8(b)	NY 375-6.8(c)	NY 375-6.8(a)	NY 375-6.8(b)	SB-1 (3')		SB-2 (4')		SB-3 (3')		SB-4 (3')		SB-5 (5')		SB-6 (2')	
SAMPLING DATE	Commercial	Residential	Restricted	Unrestricted	10/4/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019	
LAB SAMPLE ID	Use	Use	Residential	Use	L1946402-01		L1946080-01		L1946080-02		L1946080-03		L1946080-04		L1946080-05	
SAMPLE TYPE	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	ppm	ppm	ppm	ppm	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																
Solids, Total					90		85.3		93.7		81.9		72.3		82.6	
Cyanide, Total	27	27	27	27	1	U	1.1	U	1	U	1.2	U	1.3	U	1.1	U
Organochlorine Pesticides by GC																
Delta-BHC	500	100	100	0.04	0.00169	U	0.00181	U	0.00163	U	0.00183	U	0.00214	U	0.00185	U
Lindane	9.2	0.28	1.3	0.1	0.000705	U	0.000753	U	0.000679	U	0.000764	U	0.000891	U	0.000771	U
Alpha-BHC	3.4	0.097	0.48	0.02	0.000705	U	0.000753	U	0.000679	U	0.000764	U	0.000891	U	0.000771	U
Beta-BHC	3	0.072	0.36	0.036	0.00169	U	0.00181	U	0.00163	U	0.00183	U	0.00214	U	0.00185	U
Heptachlor	15	0.42	2.1	0.042	0.000846	U	0.000904	U	0.000952	P	0.000917	U	0.00107	U	0.000925	U
Aldrin	0.68	0.019	0.097	0.005	0.00169	U	0.00181	U	0.00163	U	0.00183	U	0.00214	U	0.00185	U
Heptachlor epoxide					0.00317	U	0.00339	U	0.00306	U	0.00344	U	0.00401	U	0.00347	U
Endrin	89	2.2	11	0.014	0.000705	U	0.000753	U	0.000679	U	0.000764	U	0.000891	U	0.000771	U
Endrin aldehyde					0.00212	U	0.00226	U	0.00204	U	0.00229	U	0.00267	U	0.00231	U
Endrin ketone					0.00169	U	0.00181	U	0.00163	U	0.00183	U	0.00214	U	0.00185	U
Dieldrin	1.4	0.039	0.2	0.005	0.00106	U	0.00113	U	0.00102	U	0.00115	U	0.00134	U	0.00116	U
4,4'-DDE	62	1.8	8.9	0.0033	0.00169	U	0.00181	U	0.00163	U	0.00183	U	0.00214	U	0.00185	U
4,4'-DDD	92	2.6	13	0.0033	0.00169	U	0.00181	U	0.00163	U	0.00183	U	0.00214	U	0.00185	U
4,4'-DDT	47	1.7	7.9	0.0033	0.00317	U	0.00339	U	0.00306	U	0.00344	U	0.00401	U	0.00347	U
Endosulfan I	200	4.8	24	2.4	0.00169	U	0.00181	U	0.00163	U	0.00183	U	0.00214	U	0.00185	U
Endosulfan II	200	4.8	24	2.4	0.00169	U	0.00181	U	0.00163	U	0.00183	U	0.00214	U	0.00185	U
Endosulfan sulfate	200	4.8	24	2.4	0.000705	U	0.000753	U	0.000679	U	0.000764	U	0.000891	U	0.000771	U
Methoxychlor					0.00317	U	0.00339	U	0.00306	U	0.00344	U	0.00401	U	0.00347	U
Toxaphene					0.0317	U	0.0339	U	0.0306	U	0.0344	U	0.0401	U	0.0347	U
cis-Chlordane	24	0.91	4.2	0.094	0.00212	U	0.00226	U	0.00204	U	0.00229	U	0.00267	U	0.00231	U
trans-Chlordane					0.00212	U	0.00226	U	0.00204	U	0.00229	U	0.00267	U	0.00231	U
Chlordane					0.0137	U	0.0147	U	0.0132	U	0.0149	U	0.0174	U	0.015	U
Polychlorinated Biphenyls by GC																
Aroclor 1016	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U
Aroclor 1221	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U
Aroclor 1232	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U
Aroclor 1242	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U
Aroclor 1248	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U
Aroclor 1254	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U
Aroclor 1260	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U
Aroclor 1262	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U
Aroclor 1268	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U
PCBs, Total	1	1	1	0.1	0.0361	U	0.0379	U	0.0349	U	0.0396	U	0.0454	U	0.0396	U

*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Exceeds Unresticted
Exceeds Three Standards (Not Commercial)
Exceeds Residential and Unrestricted
Exceeds All Four Standards

Table 1
Soil Sample Analytical Results
Pesticides PCBs
247 North Avenue, New Rochelle, NY

LOCATION	NY 375-6.8(b)	NY 375-6.8(c)	NY 375-6.8(a)	NY 375-6.8(b)	SB-7 (6')		SB-8 (3')		SB-9 (13')		SB-10 (6')		SB-11 (8')	
SAMPLING DATE	Commercial	Residential	Restricted	Unrestricted	10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019	
LAB SAMPLE ID	Use	Use	Residential	Use	L1946080-06		L1946080-07		L1946080-08		L1946080-09		L1946080-10	
SAMPLE TYPE	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	SOIL		SOIL		SOIL		SOIL		SOIL	
	ppm	ppm	ppm	ppm	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry														
Solids, Total					82.9		79.1		86.5		87		92.9	
Cyanide, Total	27	27	27	27	1.2	U	1.2	U	1.1	U	1.1	U	1	U
Organochlorine Pesticides by GC														
Delta-BHC	500	100	100	0.04	0.0019	U	0.00192	U	0.00179	U	0.00183	U	0.00166	U
Lindane	9.2	0.28	1.3	0.1	0.000794	U	0.000801	U	0.000748	U	0.000764	U	0.000693	U
Alpha-BHC	3.4	0.097	0.48	0.02	0.000794	U	0.000801	U	0.000748	U	0.000764	U	0.000693	U
Beta-BHC	3	0.072	0.36	0.036	0.0019	U	0.00192	U	0.00179	U	0.00183	U	0.00166	U
Heptachlor	15	0.42	2.1	0.042	0.000953	U	0.000961	U	0.000897	U	0.000916	U	0.000831	U
Aldrin	0.68	0.019	0.097	0.005	0.0019	U	0.00192	U	0.00179	U	0.00183	U	0.00166	U
Heptachlor epoxide					0.00357	U	0.0036	U	0.00336	U	0.00344	U	0.00312	U
Endrin	89	2.2	11	0.014	0.000794	U	0.000801	U	0.000748	U	0.000764	U	0.000693	U
Endrin aldehyde					0.00238	U	0.0024	U	0.00224	U	0.00229	U	0.00208	U
Endrin ketone					0.0019	U	0.00192	U	0.00179	U	0.00183	U	0.00166	U
Dieldrin	1.4	0.039	0.2	0.005	0.00119	U	0.0012	U	0.00112	U	0.00114	U	0.00104	U
4,4'-DDE	62	1.8	8.9	0.0033	0.0019	U	0.00192	U	0.00179	U	0.00183	U	0.00166	U
4,4'-DDD	92	2.6	13	0.0033	0.0019	U	0.00192	U	0.00179	U	0.00183	U	0.00166	U
4,4'-DDT	47	1.7	7.9	0.0033	0.00357	U	0.0036	U	0.00336	U	0.00344	U	0.00312	U
Endosulfan I	200	4.8	24	2.4	0.0019	U	0.00192	U	0.00179	U	0.00183	U	0.00166	U
Endosulfan II	200	4.8	24	2.4	0.0019	U	0.00192	U	0.00179	U	0.00183	U	0.00166	U
Endosulfan sulfate	200	4.8	24	2.4	0.000794	U	0.000801	U	0.000748	U	0.000764	U	0.000693	U
Methoxychlor					0.00357	U	0.0036	U	0.00336	U	0.00344	U	0.00312	U
Toxaphene					0.0357	U	0.036	U	0.0336	U	0.0344	U	0.0312	U
cis-Chlordane	24	0.91	4.2	0.094	0.00238	U	0.0024	U	0.00224	U	0.00229	U	0.00208	U
trans-Chlordane					0.00238	U	0.0024	U	0.00224	U	0.00229	U	0.00208	U
Chlordane					0.0155	U	0.0156	U	0.0146	U	0.0149	U	0.0135	U
Polychlorinated Biphenyls by GC														
Aroclor 1016	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U
Aroclor 1221	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U
Aroclor 1232	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U
Aroclor 1242	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U
Aroclor 1248	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U
Aroclor 1254	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U
Aroclor 1260	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U
Aroclor 1262	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U
Aroclor 1268	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U
PCBs, Total	1	1	1	0.1	0.0386	U	0.0408	U	0.038	U	0.0364	U	0.034	U

*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate val
U : Indicates the analyte was analyzed for but not detected.

Exceeds Unresticted
Exceeds Three Standards (Not Commercial)
Exceeds Residential and Unrestricted
Exceeds All Four Standards

Table 2
Soil Sample Analytical Results
Semivolatile Organic Compounds
247 North Avenue, New Rochelle, NY

LOCATION	NY 375-6.8(b)	NY 375-6.8(c)	NY 375-6.8(a)	NY 375-6.8(b)	SB-1 (3')		SB-2 (4')		SB-3 (3')		SB-4 (3')	
SAMPLING DATE	Commercial	Residential	Restricted	Unrestricted	10/4/2019		10/3/2019		10/3/2019		10/3/2019	
LAB SAMPLE ID	Use	Use	Residential	Use	L1946402-01		L1946080-01		L1946080-02		L1946080-03	
SAMPLE TYPE	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	SOIL		SOIL		SOIL		SOIL	
	ppm	ppm	ppm	ppm	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS												
Acenaphthene	500	100	100	20	0.15	U	0.15	U	4.4		0.93	J
1,2,4-Trichlorobenzene					0.18	U	0.19	U	3.5	U	2	U
Hexachlorobenzene	6	0.33	1.2	0.33	0.11	U	0.11	U	2.1	U	1.2	U
Bis(2-chloroethyl)ether					0.17	U	0.17	U	3.1	U	1.8	U
2-Chloronaphthalene					0.18	U	0.19	U	3.5	U	2	U
1,2-Dichlorobenzene	500	100	100	1.1	0.18	U	0.19	U	3.5	U	2	U
1,3-Dichlorobenzene	280	17	49	2.4	0.18	U	0.19	U	3.5	U	2	U
1,4-Dichlorobenzene	130	9.8	13	1.8	0.18	U	0.19	U	3.5	U	2	U
3,3'-Dichlorobenzidine					0.18	U	0.19	U	3.5	U	2	U
2,4-Dinitrotoluene					0.18	U	0.19	U	3.5	U	2	U
2,6-Dinitrotoluene					0.18	U	0.19	U	3.5	U	2	U
Fluoranthene	500	100	100	100	0.11	U	0.024	J	46		18	
4-Chlorophenyl phenyl ether					0.18	U	0.19	U	3.5	U	2	U
4-Bromophenyl phenyl ether					0.18	U	0.19	U	3.5	U	2	U
Bis(2-chloroisopropyl)ether					0.22	U	0.23	U	4.2	U	2.4	U
Bis(2-chloroethoxy)methane					0.2	U	0.2	U	3.7	U	2.2	U
Hexachlorobutadiene					0.18	U	0.19	U	3.5	U	2	U
Hexachlorocyclopentadiene					0.53	U	0.54	U	9.9	U	5.7	U
Hexachloroethane					0.15	U	0.15	U	2.8	U	1.6	U
Isophorone					0.17	U	0.17	U	3.1	U	1.8	U
Naphthalene	500	100	100	12	0.18	U	0.19	U	1.5	J	0.35	J
Nitrobenzene					0.17	U	0.17	U	3.1	U	1.8	U
NDPA/DPA					0.15	U	0.15	U	2.8	U	1.6	U
n-Nitrosodi-n-propylamine					0.18	U	0.19	U	3.5	U	2	U
Bis(2-ethylhexyl)phthalate					0.18	U	0.19	U	3.5	U	2	U
Butyl benzyl phthalate					0.18	U	0.19	U	3.5	U	2	U
Di-n-butylphthalate					0.18	U	0.19	U	3.5	U	2	U
Di-n-octylphthalate					0.18	U	0.19	U	3.5	U	2	U
Diethyl phthalate					0.18	U	0.19	U	3.5	U	2	U
Dimethyl phthalate					0.18	U	0.19	U	3.5	U	2	U
Benzo(a)anthracene	5.6	1	1	1	0.11	U	0.021	J	19		9.5	
Benzo(a)pyrene	1	1	1	1	0.15	U	0.15	U	20		8.8	
Benzo(b)fluoranthene	5.6	1	1	1	0.11	U	0.11	U	23		11	
Benzo(k)fluoranthene	56	1	3.9	0.8	0.11	U	0.11	U	7.9		3.2	
Chrysene	56	1	3.9	1	0.11	U	0.022	J	20		10	
Acenaphthylene	500	100	100	100	0.15	U	0.15	U	0.67	J	1.6	U
Anthracene	500	100	100	100	0.11	U	0.11	U	9.3		3.3	
Benzo(ghi)perylene	500	100	100	100	0.15	U	0.15	U	12		4.6	
Fluorene	500	100	100	30	0.18	U	0.19	U	3.2	J	1	J
Phenanthrene	500	100	100	100	0.11	U	0.11	U	46		15	
Dibenzo(a,h)anthracene	0.56	0.33	0.33	0.33	0.11	U	0.11	U	2.3		1.1	J
Indeno(1,2,3-cd)pyrene	5.6	0.5	0.5	0.5	0.15	U	0.15	U	12		4.6	
Pyrene	500	100	100	100	0.11	U	0.022	J	43		19	
Biphenyl					0.42	U	0.43	U	7.9	U	4.5	U
4-Chloroaniline					0.18	U	0.19	U	3.5	U	2	U
2-Nitroaniline					0.18	U	0.19	U	3.5	U	2	U
3-Nitroaniline					0.18	U	0.19	U	3.5	U	2	U
4-Nitroaniline					0.18	U	0.19	U	3.5	U	2	U
Dibenzofuran	350	14	59	7	0.18	U	0.19	U	2.5	J	0.51	J
2-Methylnaphthalene					0.22	U	0.23	U	1.2	J	0.34	J
1,2,4,5-Tetrachlorobenzene					0.18	U	0.19	U	3.5	U	2	U
Acetophenone					0.18	U	0.19	U	3.5	U	2	U
2,4,6-Trichlorophenol					0.11	U	0.11	U	2.1	U	1.2	U
p-Chloro-m-cresol					0.18	U	0.19	U	3.5	U	2	U
2-Chlorophenol					0.18	U	0.19	U	3.5	U	2	U
2,4-Dichlorophenol					0.17	U	0.17	U	3.1	U	1.8	U
2,4-Dimethylphenol					0.18	U	0.19	U	3.5	U	2	U
2-Nitrophenol					0.4	U	0.41	U	7.5	U	4.3	U
4-Nitrophenol					0.26	U	0.26	U	4.8	U	2.8	U
2,4-Dinitrophenol					0.88	U	0.91	U	17	U	9.6	U
4,6-Dinitro-o-cresol					0.48	U	0.49	U	9	U	5.2	U
Pentachlorophenol	6.7	2.4	6.7	0.8	0.15	U	0.15	U	2.8	U	1.6	U
Phenol	500	100	100	0.33	0.18	U	0.19	U	3.5	U	2	U
2-Methylphenol	500	100	100	0.33	0.18	U	0.19	U	3.5	U	2	U
3-Methylphenol/4-Methylphenol	500	34	100	0.33	0.26	U	0.27	U	5	U	2.9	U
2,4,5-Trichlorophenol					0.18	U	0.19	U	3.5	U	2	U
Benzoic Acid					0.6	U	0.61	U	11	U	6.4	U
Benzyl Alcohol					0.18	U	0.19	U	3.5	U	2	U
Carbazole					0.18	U	0.19	U	3.5		0.49	J
1,4-Dioxane	130	9.8	13	0.1	0.028	U	0.028	U	0.52	U	0.3	U

*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Exceeds Unresticted
Exceeds Three Standards (Not Commercial)
Exceeds Residential and Unrestricted
Exceeds All Four Standards

Table 2
Soil Sample Analytical Results
Semivolatile Organic Compounds
247 North Avenue, New Rochelle, NY

LOCATION	NY 375-6.8(b)	NY 375-6.8(c)	NY 375-6.8(a)	NY 375-6.8(b)	SB-5 (5')		SB-6 (2')		SB-7 (6')		SB-8 (3')	
SAMPLING DATE	Commercial	Residential	Restricted	Unrestricted	10/3/2019		10/3/2019		10/3/2019		10/3/2019	
LAB SAMPLE ID	Use	Use	Residential	Use	L1946080-04		L1946080-05		L1946080-06		L1946080-07	
SAMPLE TYPE	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	SOIL		SOIL		SOIL		SOIL	
	ppm	ppm	ppm	ppm	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS												
Acenaphthene	500	100	100	20	9.1		0.16	U	0.16	U	0.16	U
1,2,4-Trichlorobenzene					4.5	U	0.2	U	0.2	U	0.2	U
Hexachlorobenzene	6	0.33	1.2	0.33	2.7	U	0.12	U	0.12	U	0.12	U
Bis(2-chloroethyl)ether					4	U	0.18	U	0.18	U	0.18	U
2-Chloronaphthalene					4.5	U	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	500	100	100	1.1	4.5	U	0.2	U	0.2	U	0.2	U
1,3-Dichlorobenzene	280	17	49	2.4	4.5	U	0.2	U	0.2	U	0.2	U
1,4-Dichlorobenzene	130	9.8	13	1.8	4.5	U	0.2	U	0.2	U	0.2	U
3,3'-Dichlorobenzidine					4.5	U	0.2	U	0.2	U	0.2	U
2,4-Dinitrotoluene					4.5	U	0.2	U	0.2	U	0.2	U
2,6-Dinitrotoluene					4.5	U	0.2	U	0.2	U	0.2	U
Fluoranthene	500	100	100	100	91		0.31		0.12	U	0.037	J
4-Chlorophenyl phenyl ether					4.5	U	0.2	U	0.2	U	0.2	U
4-Bromophenyl phenyl ether					4.5	U	0.2	U	0.2	U	0.2	U
Bis(2-chloroisopropyl)ether					5.4	U	0.24	U	0.24	U	0.24	U
Bis(2-chloroethoxy)methane					4.9	U	0.22	U	0.21	U	0.22	U
Hexachlorobutadiene					4.5	U	0.2	U	0.2	U	0.2	U
Hexachlorocyclopentadiene					13	U	0.57	U	0.56	U	0.58	U
Hexachloroethane					3.6	U	0.16	U	0.16	U	0.16	U
Isophorone					4	U	0.18	U	0.18	U	0.18	U
Naphthalene	500	100	100	12	2.4	J	0.2	U	0.2	U	0.2	U
Nitrobenzene					4	U	0.18	U	0.18	U	0.18	U
NDPA/DPA					3.6	U	0.16	U	0.16	U	0.16	U
n-Nitrosodi-n-propylamine					4.5	U	0.2	U	0.2	U	0.2	U
Bis(2-ethylhexyl)phthalate					4.5	U	0.2	U	0.2	U	0.2	U
Butyl benzyl phthalate					4.5	U	0.2	U	0.2	U	0.2	U
Di-n-butylphthalate					4.5	U	0.2	U	0.2	U	0.2	U
Di-n-octylphthalate					4.5	U	0.2	U	0.2	U	0.2	U
Diethyl phthalate					4.5	U	0.2	U	0.2	U	0.2	U
Dimethyl phthalate					4.5	U	0.2	U	0.2	U	0.2	U
Benzo(a)anthracene	5.6	1	1	1	48		0.15		0.12	U	0.024	J
Benzo(a)pyrene	1	1	1	1	38		0.15	J	0.16	U	0.16	U
Benzo(b)fluoranthene	5.6	1	1	1	44		0.21		0.12	U	0.12	U
Benzo(k)fluoranthene	56	1	3.9	0.8	19		0.072	J	0.12	U	0.12	U
Chrysene	56	1	3.9	1	42		0.16		0.12	U	0.12	U
Acenaphthylene	500	100	100	100	1.4	J	0.16	U	0.16	U	0.16	U
Anthracene	500	100	100	100	34		0.12	U	0.12	U	0.12	U
Benzo(ghi)perylene	500	100	100	100	15		0.1	J	0.16	U	0.16	U
Fluorene	500	100	100	30	14		0.2	U	0.2	U	0.2	U
Phenanthrene	500	100	100	100	89		0.14		0.12	U	0.12	U
Dibenzo(a,h)anthracene	0.56	0.33	0.33	0.33	5		0.025	J	0.12	U	0.12	U
Indeno(1,2,3-cd)pyrene	5.6	0.5	0.5	0.5	18		0.11	J	0.16	U	0.16	U
Pyrene	500	100	100	100	72		0.29		0.12	U	0.034	J
Biphenyl					10	U	0.46	U	0.45	U	0.46	U
4-Chloroaniline					4.5	U	0.2	U	0.2	U	0.2	U
2-Nitroaniline					4.5	U	0.2	U	0.2	U	0.2	U
3-Nitroaniline					4.5	U	0.2	U	0.2	U	0.2	U
4-Nitroaniline					4.5	U	0.2	U	0.2	U	0.2	U
Dibenzofuran	350	14	59	7	9.4		0.2	U	0.2	U	0.2	U
2-Methylnaphthalene					1.6	J	0.24	U	0.24	U	0.24	U
1,2,4,5-Tetrachlorobenzene					4.5	U	0.2	U	0.2	U	0.2	U
Acetophenone					4.5	U	0.2	U	0.2	U	0.2	U
2,4,6-Trichlorophenol					2.7	U	0.12	U	0.12	U	0.12	U
p-Chloro-m-cresol					4.5	U	0.2	U	0.2	U	0.2	U
2-Chlorophenol					4.5	U	0.2	U	0.2	U	0.2	U
2,4-Dichlorophenol					4	U	0.18	U	0.18	U	0.18	U
2,4-Dimethylphenol					4.5	U	0.2	U	0.2	U	0.2	U
2-Nitrophenol					9.7	U	0.43	U	0.42	U	0.44	U
4-Nitrophenol					6.3	U	0.28	U	0.28	U	0.28	U
2,4-Dinitrophenol					22	U	0.96	U	0.94	U	0.98	U
4,6-Dinitro-o-cresol					12	U	0.52	U	0.51	U	0.53	U
Pentachlorophenol	6.7	2.4	6.7	0.8	3.6	U	0.16	U	0.16	U	0.16	U
Phenol	500	100	100	0.33	4.5	U	0.2	U	0.2	U	0.2	U
2-Methylphenol	500	100	100	0.33	4.5	U	0.2	U	0.2	U	0.2	U
3-Methylphenol/4-Methylphenol	500	34	100	0.33	6.5	U	0.29	U	0.28	U	0.29	U
2,4,5-Trichlorophenol					4.5	U	0.2	U	0.2	U	0.2	U
Benzoic Acid					15	U	0.65	U	0.64	U	0.66	U
Benzyl Alcohol					4.5	U	0.2	U	0.2	U	0.2	U
Carbazole					10		0.2	U	0.2	U	0.2	U
1,4-Dioxane	130	9.8	13	0.1	0.68	U	0.03	U	0.029	U	0.031	U

*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate v
U : Indicates the analyte was analyzed for but not detected.

Exceeds Unresticted
Exceeds Three Standards (Not Commercial)
Exceeds Residential and Unrestricted
Exceeds All Four Standards

Table 2
Soil Sample Analytical Results
Semivolatile Organic Compounds
247 North Avenue, New Rochelle, NY

LOCATION	NY 375-6.8(b)	NY 375-6.8(c)	NY 375-6.8(a)	NY 375-6.8(b)	SB-9 (13')		SB-10 (6')		SB-11 (8')	
SAMPLING DATE	Commercial	Residential	Restricted	Unrestricted	10/3/2019		10/3/2019		10/3/2019	
LAB SAMPLE ID	Use	Use	Residential	Use	L1946080-08		L1946080-09		L1946080-10	
SAMPLE TYPE	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	SOIL		SOIL		SOIL	
	ppm	ppm	ppm	ppm	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	500	100	100	20	0.15	U	0.029	J	0.14	U
1,2,4-Trichlorobenzene					0.19	U	0.19	U	0.18	U
Hexachlorobenzene	6	0.33	1.2	0.33	0.11	U	0.11	U	0.1	U
Bis(2-chloroethyl)ether					0.17	U	0.17	U	0.16	U
2-Chloronaphthalene					0.19	U	0.19	U	0.18	U
1,2-Dichlorobenzene	500	100	100	1.1	0.19	U	0.19	U	0.18	U
1,3-Dichlorobenzene	280	17	49	2.4	0.19	U	0.19	U	0.18	U
1,4-Dichlorobenzene	130	9.8	13	1.8	0.19	U	0.19	U	0.18	U
3,3'-Dichlorobenzidine					0.19	U	0.19	U	0.18	U
2,4-Dinitrotoluene					0.19	U	0.19	U	0.18	U
2,6-Dinitrotoluene					0.19	U	0.19	U	0.18	U
Fluoranthene	500	100	100	100	0.11	U	0.51		0.1	U
4-Chlorophenyl phenyl ether					0.19	U	0.19	U	0.18	U
4-Bromophenyl phenyl ether					0.19	U	0.19	U	0.18	U
Bis(2-chloroisopropyl)ether					0.23	U	0.22	U	0.21	U
Bis(2-chloroethoxy)methane					0.2	U	0.2	U	0.19	U
Hexachlorobutadiene					0.19	U	0.19	U	0.18	U
Hexachlorocyclopentadiene					0.54	U	0.53	U	0.5	U
Hexachloroethane					0.15	U	0.15	U	0.14	U
Isophorone					0.17	U	0.17	U	0.16	U
Naphthalene	500	100	100	12	0.19	U	0.051	J	0.18	U
Nitrobenzene					0.17	U	0.17	U	0.16	U
NDPA/DPA					0.15	U	0.15	U	0.14	U
n-Nitrosodi-n-propylamine					0.19	U	0.19	U	0.18	U
Bis(2-ethylhexyl)phthalate					0.19	U	0.19	U	0.18	U
Butyl benzyl phthalate					0.19	U	0.19	U	0.18	U
Di-n-butylphthalate					0.19	U	0.19	U	0.18	U
Di-n-octylphthalate					0.19	U	0.19	U	0.18	U
Diethyl phthalate					0.19	U	0.19	U	0.18	U
Dimethyl phthalate					0.19	U	0.19	U	0.18	U
Benzo(a)anthracene	5.6	1	1	1	0.11	U	0.23		0.1	U
Benzo(a)pyrene	1	1	1	1	0.15	U	0.24		0.14	U
Benzo(b)fluoranthene	5.6	1	1	1	0.11	U	0.32		0.1	U
Benzo(k)fluoranthene	56	1	3.9	0.8	0.11	U	0.13		0.1	U
Chrysene	56	1	3.9	1	0.11	U	0.24		0.1	U
Acenaphthylene	500	100	100	100	0.15	U	0.15	U	0.14	U
Anthracene	500	100	100	100	0.11	U	0.061	J	0.1	U
Benzo(ghi)perylene	500	100	100	100	0.15	U	0.23		0.14	U
Fluorene	500	100	100	30	0.19	U	0.035	J	0.18	U
Phenanthrene	500	100	100	100	0.11	U	0.24		0.1	U
Dibenzo(a,h)anthracene	0.56	0.33	0.33	0.33	0.11	U	0.046	J	0.1	U
Indeno(1,2,3-cd)pyrene	5.6	0.5	0.5	0.5	0.15	U	0.22		0.14	U
Pyrene	500	100	100	100	0.11	U	0.44		0.1	U
Biphenyl					0.43	U	0.42	U	0.4	U
4-Chloroaniline					0.19	U	0.19	U	0.18	U
2-Nitroaniline					0.19	U	0.19	U	0.18	U
3-Nitroaniline					0.19	U	0.19	U	0.18	U
4-Nitroaniline					0.19	U	0.19	U	0.18	U
Dibenzofuran	350	14	59	7	0.19	U	0.019	J	0.18	U
2-Methylnaphthalene					0.23	U	0.029	J	0.21	U
1,2,4,5-Tetrachlorobenzene					0.19	U	0.19	U	0.18	U
Acetophenone					0.19	U	0.19	U	0.18	U
2,4,6-Trichlorophenol					0.11	U	0.11	U	0.1	U
p-Chloro-m-cresol					0.19	U	0.19	U	0.18	U
2-Chlorophenol					0.19	U	0.19	U	0.18	U
2,4-Dichlorophenol					0.17	U	0.17	U	0.16	U
2,4-Dimethylphenol					0.19	U	0.19	U	0.18	U
2-Nitrophenol					0.41	U	0.4	U	0.38	U
4-Nitrophenol					0.26	U	0.26	U	0.24	U
2,4-Dinitrophenol					0.91	U	0.89	U	0.84	U
4,6-Dinitro-o-cresol					0.49	U	0.48	U	0.46	U
Pentachlorophenol	6.7	2.4	6.7	0.8	0.15	U	0.15	U	0.14	U
Phenol	500	100	100	0.33	0.19	U	0.19	U	0.18	U
2-Methylphenol	500	100	100	0.33	0.19	U	0.19	U	0.18	U
3-Methylphenol/4-Methylphenol	500	34	100	0.33	0.27	U	0.27	U	0.25	U
2,4,5-Trichlorophenol					0.19	U	0.19	U	0.18	U
Benzoic Acid					0.61	U	0.6	U	0.57	U
Benzyl Alcohol					0.19	U	0.19	U	0.18	U
Carbazole					0.19	U	0.02	J	0.18	U
1,4-Dioxane	130	9.8	13	0.1	0.028	U	0.028	U	0.026	U

*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate v
U : Indicates the analyte was analyzed for but not detected.

Exceeds Unresticted
Exceeds Three Standards (Not Commercial)
Exceeds Residential and Unrestricted
Exceeds All Four Standards

Table 3
Soil Sample Analytical Results
Total Metals
247 North Avenue, New Rochelle, NY

LOCATION	NY 375-6.8(b)	NY 375-6.8(c)	NY 375-6.8(a)	NY 375-6.8(b)	SB-1 (3')		SB-2 (4')		SB-3 (3')		SB-4 (3')		SB-5 (5')		SB-6 (2')	
SAMPLING DATE	Commercial	Residential	Restricted	Unrestricted	10/4/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019	
LAB SAMPLE ID	Use	Use	Residential	Use	L1946402-01		L1946080-01		L1946080-02		L1946080-03		L1946080-04		L1946080-05	
SAMPLE TYPE	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	ppm	ppm	ppm	ppm	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																
Aluminum, Total					9790		9310		6660		5900		11100		7100	
Antimony, Total					4.41	U	4.47	U	5.57		2.5	J	5.32	U	2.2	J
Arsenic, Total	16	16	16	13	0.882	U	2.35		4.42		8.31		4.8		9.38	
Barium, Total	400	350	400	350	78.2		44.2		105		135		128		125	
Beryllium, Total	590	14	72	7.2	0.441		0.17	J	0.41	U	0.037	J	0.532	U	0.106	J
Cadmium, Total	9.3	2.5	4.3	2.5	0.432	J	0.188	J	0.468	J	0.211	J	0.33	J	0.279	J
Calcium, Total					1590		1000		6870		6290		2380		3860	
Chromium, Total					16.2		14.6		14.4		11.6		22.5		15	
Cobalt, Total					6.12		5.19		5.51		4.68		9.5		6.94	
Copper, Total	270	270	270	50	7.69		7.78		27.6		21		27.2		35.4	
Iron, Total					14600		11500		11800		7850		12500		11500	
Lead, Total	1000	400	400	63	36.4		26.6		189		148		257		222	
Magnesium, Total					2520		1830		2080		2260		3060		2560	
Manganese, Total	10000	2000	2000	1600	95.6		228		192		79.6		104		184	
Mercury, Total	2.8	0.81	0.81	0.18	0.09		0.113		0.196		0.817		0.67		1.04	
Nickel, Total	310	140	310	30	14.1		8.32		11		10.2		15.9		16.4	
Potassium, Total					834		611		1070		840		1850		1330	
Selenium, Total	1500	36	180	3.9	0.476	J	1.79	U	0.336	J	5.28		0.511	J	0.576	J
Silver, Total	1500	36	180	2	0.882	U	0.895	U	0.821	U	0.918	U	1.06	U	0.961	U
Sodium, Total					416		812		166		320		480		214	
Thallium, Total					1.76	U	1.79	U	1.64	U	1.84	U	2.13	U	1.92	U
Vanadium, Total					24.4		19.8		18.1		17.1		31.8		21.4	
Zinc, Total	10000	2200	10000	109	33		25.1		86.1		42.9		101		72.7	

*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Exceeds Unresticted
Exceeds Three Standards (Not Commercial)
Exceeds Residential and Unrestricted
Exceeds All Four Standards

Table 3
Soil Sample Analytical Results
Total Metals
247 North Avenue, New Rochelle, NY

LOCATION	NY 375-6.8(b)	NY 375-6.8(c)	NY 375-6.8(a)	NY 375-6.8(b)	SB-7 (6')		SB-8 (3')		SB-9 (13')		SB-10 (6')		SB-11 (8')	
SAMPLING DATE	Commercial	Residential	Restricted	Unrestricted	10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019	
LAB SAMPLE ID	Use	Use	Residential	Use	L1946080-06		L1946080-07		L1946080-08		L1946080-09		L1946080-10	
SAMPLE TYPE	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	SOIL		SOIL		SOIL		SOIL		SOIL	
	ppm	ppm	ppm	ppm	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals														
Aluminum, Total					8150		7820		4290		10400		7400	
Antimony, Total					4.71	U	4.75	U	4.52	U	4.56	U	4.14	U
Arsenic, Total	16	16	16	13	1.27		1.51		0.741	J	2.29		0.994	
Barium, Total	400	350	400	350	67		66.8		46.1		69.4		79.4	
Beryllium, Total	590	14	72	7.2	0.471	U	0.276	J	0.452	U	0.055	J	0.414	U
Cadmium, Total	9.3	2.5	4.3	2.5	0.179	J	0.95	U	0.135	J	0.219	J	0.199	J
Calcium, Total					1350		2440		1170		1980		1560	
Chromium, Total					22.2		9.97		11.9		21.1		18.6	
Cobalt, Total					5.89		1.76	J	6.41		6.09		8.3	
Copper, Total	270	270	270	50	11.4		3.66		13.7		14		18.1	
Iron, Total					10900		5130		8480		12900		12700	
Lead, Total	1000	400	400	63	4	J	10.4		2.93	J	57.7		3.45	J
Magnesium, Total					2530		1150		2360		2530		3080	
Manganese, Total	10000	2000	2000	1600	94.2		42		122		163		169	
Mercury, Total	2.8	0.81	0.81	0.18	0.076	U	0.079	U	0.073	U	0.073	U	0.068	U
Nickel, Total	310	140	310	30	12.6		5.32		14.2		10.1		15.8	
Potassium, Total					2940		508		2010		1490		3790	
Selenium, Total	1500	36	180	3.9	1.88	U	1.9	U	1.81	U	0.274	J	1.66	U
Silver, Total	1500	36	180	2	0.942	U	0.95	U	0.903	U	0.912	U	0.828	U
Sodium, Total					104	J	114	J	105	J	196		167	
Thallium, Total					1.88	U	1.9	U	1.81	U	1.82	U	1.66	U
Vanadium, Total					20.9		12.8		14.2		27.4		25.8	
Zinc, Total	10000	2200	10000	109	45.9		13.9		17.1		42.1		27.6	

*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration
U : Indicates the analyte was analyzed for but not detected.

Exceeds Unresticted
Exceeds Three Standards (Not Commercial)
Exceeds Residential and Unrestricted
Exceeds All Four Standards

Table 4
Soil Sample Analytical Results
Volatile Organic Compounds
247 North Avenue, New Rochelle, NY

LOCATION	NY 375-6.8(b)	NY 375-6.8(c)	NY 375-6.8(a)	NY 375-6.8(b)	SB-1 (3')		SB-2 (4')		SB-3 (3')		SB-4 (3')		SB-5 (5')		SB-6 (2')	
SAMPLING DATE	Commercial	Residential	Restricted	Unrestricted	10/4/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019	
LAB SAMPLE ID	Use	Use	Residential	Use	L1946402-01		L1946080-01		L1946080-02		L1946080-03		L1946080-04		L1946080-05	
SAMPLE TYPE	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	ppm	ppm	ppm	ppm	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																
Methylene chloride	500	51	100	0.05	0.0052	U	0.0052	U	0.0056	U	0.0064	U	0.0079	U	0.0055	U
1,1-Dichloroethane	240	19	26	0.27	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Chloroform	350	10	49	0.37	0.00016	J	0.00026	J	0.00027	J	0.0003	J	0.00045	J	0.00026	J
Carbon tetrachloride	22	1.4	2.4	0.76	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
1,2-Dichloropropane					0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Dibromochloromethane					0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
1,1,2-Trichloroethane					0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Tetrachloroethene	150	5.5	19	1.3	0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
Chlorobenzene	500	100	100	1.1	0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
Trichlorofluoromethane					0.0041	U	0.0041	U	0.0044	U	0.0051	U	0.0063	U	0.0044	U
1,2-Dichloroethane	30	2.3	3.1	0.02	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
1,1,1-Trichloroethane	500	100	100	0.68	0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
Bromodichloromethane					0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
trans-1,3-Dichloropropene					0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
cis-1,3-Dichloropropene					0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
1,3-Dichloropropene, Total					0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
1,1-Dichloropropene					0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
Bromoform					0.0041	U	0.0041	U	0.0044	U	0.0051	U	0.0063	U	0.0044	U
1,1,2,2-Tetrachloroethane					0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
Benzene	44	2.9	4.8	0.06	0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
Toluene	500	100	100	0.7	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Ethylbenzene	390	30	41	1	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Chloromethane					0.0041	U	0.0041	U	0.0044	U	0.0051	U	0.0063	U	0.0044	U
Bromomethane					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
Vinyl chloride	13	0.21	0.9	0.02	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Chloroethane					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,1-Dichloroethene	500	100	100	0.33	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
trans-1,2-Dichloroethene	500	100	100	0.19	0.0015	U	0.00014	J	0.0017	U	0.0019	U	0.0024	U	0.0016	U
Trichloroethene	200	10	21	0.47	0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
1,2-Dichlorobenzene	500	100	100	1.1	0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,3-Dichlorobenzene	280	17	49	2.4	0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,4-Dichlorobenzene	130	9.8	13	1.8	0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
Methyl tert butyl ether	500	62	100	0.93	0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
p/m-Xylene					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
o-Xylene					0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Xylenes, Total	500	100	100	0.26	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
cis-1,2-Dichloroethene	500	59	100	0.25	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
1,2-Dichloroethene, Total					0.001	U	0.00014	J	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Dibromomethane					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
Styrene					0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Dichlorodifluoromethane					0.01	U	0.01	U	0.011	U	0.013	U	0.016	U	0.011	U
Acetone	500	100	100	0.05	0.01	U	0.01	U	0.011	U	0.013	U	0.042		0.042	
Carbon disulfide					0.01	U	0.01	U	0.011	U	0.013	U	0.016	U	0.011	U
2-Butanone	500	100	100	0.12	0.01	U	0.01	U	0.011	U	0.013	U	0.0082	J	0.0083	J
Vinyl acetate					0.01	U	0.01	U	0.011	U	0.013	U	0.016	U	0.011	U
4-Methyl-2-pentanone					0.01	U	0.01	U	0.011	U	0.013	U	0.016	U	0.011	U
1,2,3-Trichloropropane					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
2-Hexanone					0.01	U	0.01	U	0.011	U	0.013	U	0.016	U	0.011	U
Bromochloromethane					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
2,2-Dichloropropane					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,2-Dibromoethane					0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
1,3-Dichloropropane					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,1,1,2-Tetrachloroethane					0.00052	U	0.00052	U	0.00056	U	0.00064	U	0.00079	U	0.00055	U
Bromobenzene					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
n-Butylbenzene	500	100	100	12	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
sec-Butylbenzene	500	100	100	11	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
tert-Butylbenzene	500	100	100	5.9	0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
o-Chlorotoluene					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
p-Chlorotoluene					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,2-Dibromo-3-chloropropane					0.0031	U	0.0031	U	0.0033	U	0.0038	U	0.0048	U	0.0033	U
Hexachlorobutadiene					0.0041	U	0.0041	U	0.0044	U	0.0051	U	0.0063	U	0.0044	U
Isopropylbenzene					0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
p-Isopropyltoluene					0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
Naphthalene	500	100	100	12	0.0041	U	0.0041	U	0.0044	U	0.0051	U	0.0063	U	0.0044	U
Acrylonitrile					0.0041	U	0.0041	U	0.0044	U	0.0051	U	0.0063	U	0.0044	U
n-Propylbenzene	500	100	100	3.9	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0016	U	0.0011	U
1,2,3-Trichlorobenzene					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,2,4-Trichlorobenzene					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,3,5-Trimethylbenzene	190	47	52	8.4	0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,2,4-Trimethylbenzene	190	47	52	3.6	0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,4-Dioxane	130	9.8	13	0.1	0.082	U	0.083	U	0.089	U	0.1	U	0.13	U	0.087	U
p-Diethylbenzene					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
p-Ethyltoluene					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
1,2,4,5-Tetramethylbenzene					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
Ethyl ether					0.0021	U	0.0021	U	0.0022	U	0.0026	U	0.0032	U	0.0022	U
trans-1,4-Dichloro-2-butene					0.0052	U	0.0052	U	0.0056	U	0.0064	U	0.0079	U	0.0055	U

*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Exceeds Unresticted
Exceeds Three Standards (Not Commercial)
Exceeds Residential and Unrestricted
Exceeds All Four Standards

Table 4
Soil Sample Analytical Results
Volatile Organic Compounds
247 North Avenue, New Rochelle, NY

LOCATION	NY 375-6.8(b)	NY 375-6.8(c)	NY 375-6.8(a)	NY 375-6.8(b)	SB-7 (6')		SB-8 (3')		SB-9 (13')		SB-10 (6')		SB-11 (8')	
SAMPLING DATE	Commercial	Residential	Restricted	Unrestricted	10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019	
LAB SAMPLE ID	Use	Use	Residential	Use	L1946080-06		L1946080-07		L1946080-08		L1946080-09		L1946080-10	
SAMPLE TYPE	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	SOIL		SOIL		SOIL		SOIL		SOIL	
	ppm	ppm	ppm	ppm	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035														
Methylene chloride	500	51	100	0.05	0.0049	U	0.0072	U	0.0066	U	0.0053	U	0.0048	U
1,1-Dichloroethane	240	19	26	0.27	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Chloroform	350	10	49	0.37	0.00025	J	0.00036	J	0.00038	J	0.00025	J	0.00026	J
Carbon tetrachloride	22	1.4	2.4	0.76	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
1,2-Dichloropropane					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Dibromochloromethane					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
1,1,2-Trichloroethane					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Tetrachloroethene	150	5.5	19	1.3	0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
Chlorobenzene	500	100	100	1.1	0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
Trichlorofluoromethane					0.0039	U	0.0058	U	0.0053	U	0.0043	U	0.0038	U
1,2-Dichloroethane	30	2.3	3.1	0.02	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
1,1,1-Trichloroethane	500	100	100	0.68	0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
Bromodichloromethane					0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
trans-1,3-Dichloropropene					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
cis-1,3-Dichloropropene					0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
1,3-Dichloropropene, Total					0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
1,1-Dichloropropene					0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
Bromoform					0.0039	U	0.0058	U	0.0053	U	0.0043	U	0.0038	U
1,1,2,2-Tetrachloroethane					0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
Benzene	44	2.9	4.8	0.06	0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
Toluene	500	100	100	0.7	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Ethylbenzene	390	30	41	1	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Chloromethane					0.0039	U	0.0058	U	0.0053	U	0.0043	U	0.0038	U
Bromomethane					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
Vinyl chloride	13	0.21	0.9	0.02	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Chloroethane					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,1-Dichloroethene	500	100	100	0.33	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
trans-1,2-Dichloroethene	500	100	100	0.19	0.0015	U	0.0022	U	0.002	U	0.0016	U	0.0014	U
Trichloroethene	200	10	21	0.47	0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
1,2-Dichlorobenzene	500	100	100	1.1	0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,3-Dichlorobenzene	280	17	49	2.4	0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,4-Dichlorobenzene	130	9.8	13	1.8	0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
Methyl tert butyl ether	500	62	100	0.93	0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
p/m-Xylene					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
o-Xylene					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Xylenes, Total	500	100	100	0.26	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
cis-1,2-Dichloroethene	500	59	100	0.25	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
1,2-Dichloroethene, Total					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Dibromomethane					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
Styrene					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Dichlorodifluoromethane					0.0098	U	0.014	U	0.013	U	0.011	U	0.0096	U
Acetone	500	100	100	0.05	0.0098	U	0.014	U	0.013	U	0.053		0.0096	U
Carbon disulfide					0.0098	U	0.014	U	0.013	U	0.011	U	0.0096	U
2-Butanone	500	100	100	0.12	0.0098	U	0.014	U	0.013	U	0.01	J	0.0096	U
Vinyl acetate					0.0098	U	0.014	U	0.013	U	0.011	U	0.0096	U
4-Methyl-2-pentanone					0.0098	U	0.014	U	0.013	U	0.011	U	0.0096	U
1,2,3-Trichloropropane					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
2-Hexanone					0.0098	U	0.014	U	0.013	U	0.011	U	0.0096	U
Bromochloromethane					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
2,2-Dichloropropane					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,2-Dibromoethane					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
1,3-Dichloropropane					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,1,1,2-Tetrachloroethane					0.00049	U	0.00072	U	0.00066	U	0.00053	U	0.00048	U
Bromobenzene					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
n-Butylbenzene	500	100	100	12	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
sec-Butylbenzene	500	100	100	11	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
tert-Butylbenzene	500	100	100	5.9	0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
o-Chlorotoluene					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
p-Chlorotoluene					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,2-Dibromo-3-chloropropane					0.0029	U	0.0043	U	0.004	U	0.0032	U	0.0029	U
Hexachlorobutadiene					0.0039	U	0.0058	U	0.0053	U	0.0043	U	0.0038	U
Isopropylbenzene					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
p-Isopropyltoluene					0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
Naphthalene	500	100	100	12	0.0039	U	0.0058	U	0.0053	U	0.0043	U	0.0038	U
Acrylonitrile					0.0039	U	0.0058	U	0.0053	U	0.0043	U	0.0038	U
n-Propylbenzene	500	100	100	3.9	0.00098	U	0.0014	U	0.0013	U	0.0011	U	0.00096	U
1,2,3-Trichlorobenzene					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,2,4-Trichlorobenzene					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,3,5-Trimethylbenzene	190	47	52	8.4	0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,2,4-Trimethylbenzene	190	47	52	3.6	0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,4-Dioxane	130	9.8	13	0.1	0.078	U	0.12	U	0.1	U	0.085	U	0.077	U
p-Diethylbenzene					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
p-Ethyltoluene					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
1,2,4,5-Tetramethylbenzene					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
Ethyl ether					0.002	U	0.0029	U	0.0026	U	0.0021	U	0.0019	U
trans-1,4-Dichloro-2-butene					0.0049	U	0.0072	U	0.0066	U	0.0053	U	0.0048	U

*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate valu
U : Indicates the analyte was analyzed for but not detected.

Exceeds Unresticted
Exceeds Three Standards (Not Commercial)
Exceeds Residential and Unrestricted
Exceeds All Four Standards

FIGURES

Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and 1 000-meter grid:Universal Transverse Mercator, Zone 18T

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....NAIP, July 2015 - December 2017
Roads..... U.S. Census Bureau, 2016
Names.....GNIS, 1980 - 2019
Hydrography.....National Hydrography Dataset, 2002 - 2019
Contours.....National Elevation Dataset, 1999 - 2013
Boundaries.....Multiple sources; see metadata file 2017 - 2018

Wetlands.....FWS National Wetlands Inventory 2008 - 2011

MN GN 13°0' 251 MILS 0°47' 14 MILS

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid 100,000-m Square ID WL XL Grid Zone Designation 18T

NEW YORK

QUADRANGLE LOCATION

1 2 3 4 5 6 7 8

1 Nyack
2 White Plains
3 Glenville
4 Yonkers
5 Mamaroneck
6 Central Park
7 Flushing
8 Sea Cliff

ADJOINING QUADRANGLES

FIG-1

PROPOSED 247 NORTH AVENUE DEVELOPMENT
247 NORTH AVENUE
NEW ROCHELLE, WESTCHESTER COUNTY, NEW YORK

SITE LOCATION MAP

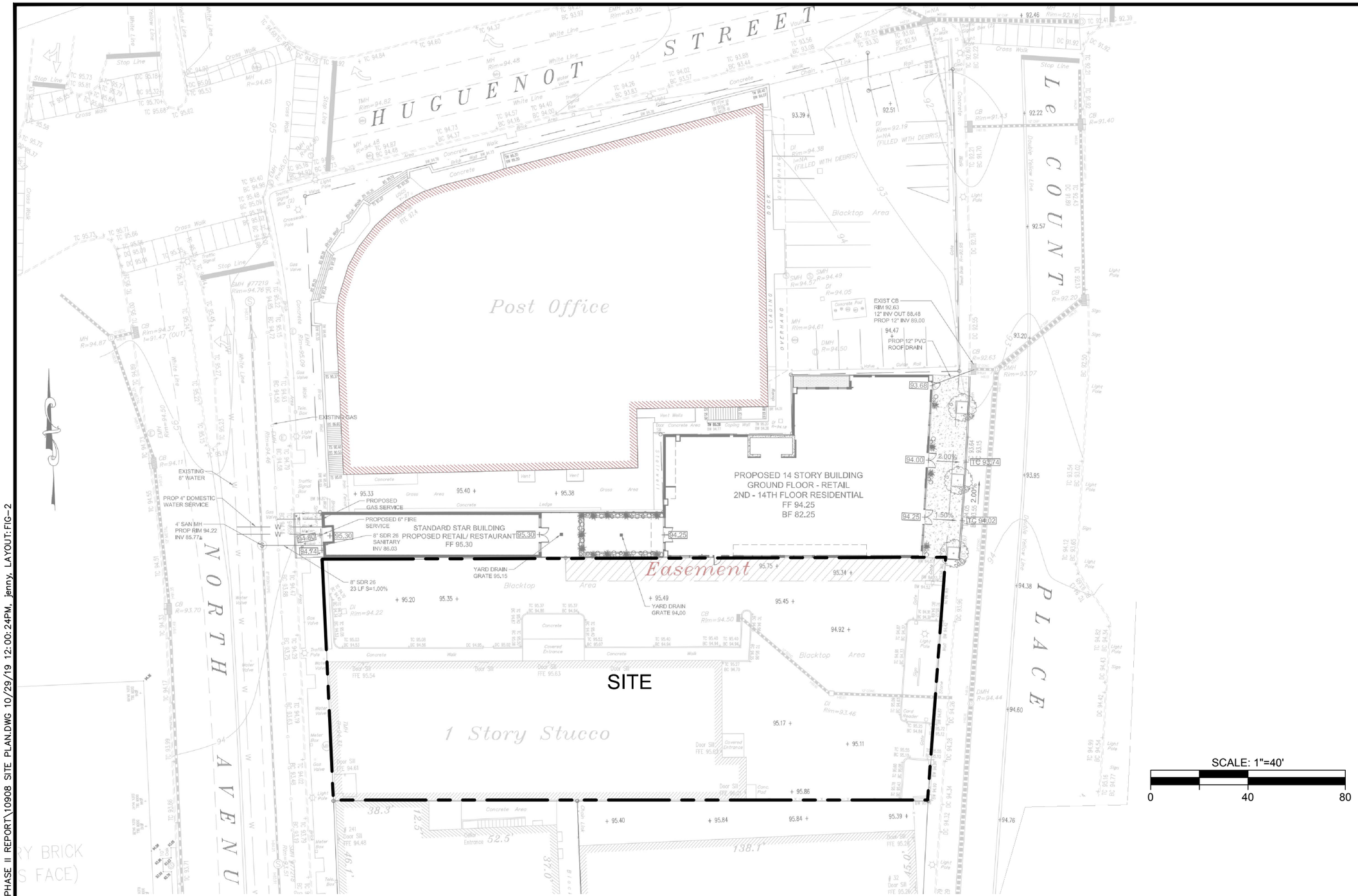
SESI
CONSULTING
ENGINEERS D.P.C.

SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL

12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

DRAWN BY: yy
CHECKED BY: JM
SCALE: N.T.S.
DATE: 10/29/19
JOB NO.: 10908

N:\ACAD\10908\PHASE II REPORT\10908 SITE LOCATION MAP.DWG 10/29/19 01:16:25PM, jenny, LAYOUT:FIG-1



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LEGEND:

- - - - PROPERTY LINE

REFERENCE
SITE INFORMATION TAKEN FROM "GRADING AND UTILITY PLAN" PREPARED BY SESI CONSULTING ENGINEERS D.P.C.. DATED 4/13/17.

N:\ACAD\10908\PHASE II REPORT\10908 SITE PLAN.DWG 10/29/19 12:00:24PM, jenny, LAYOUT:FIG-2

dwg by: yy
chk by: JM
scale: 1" = 40'
date: 10/29/19

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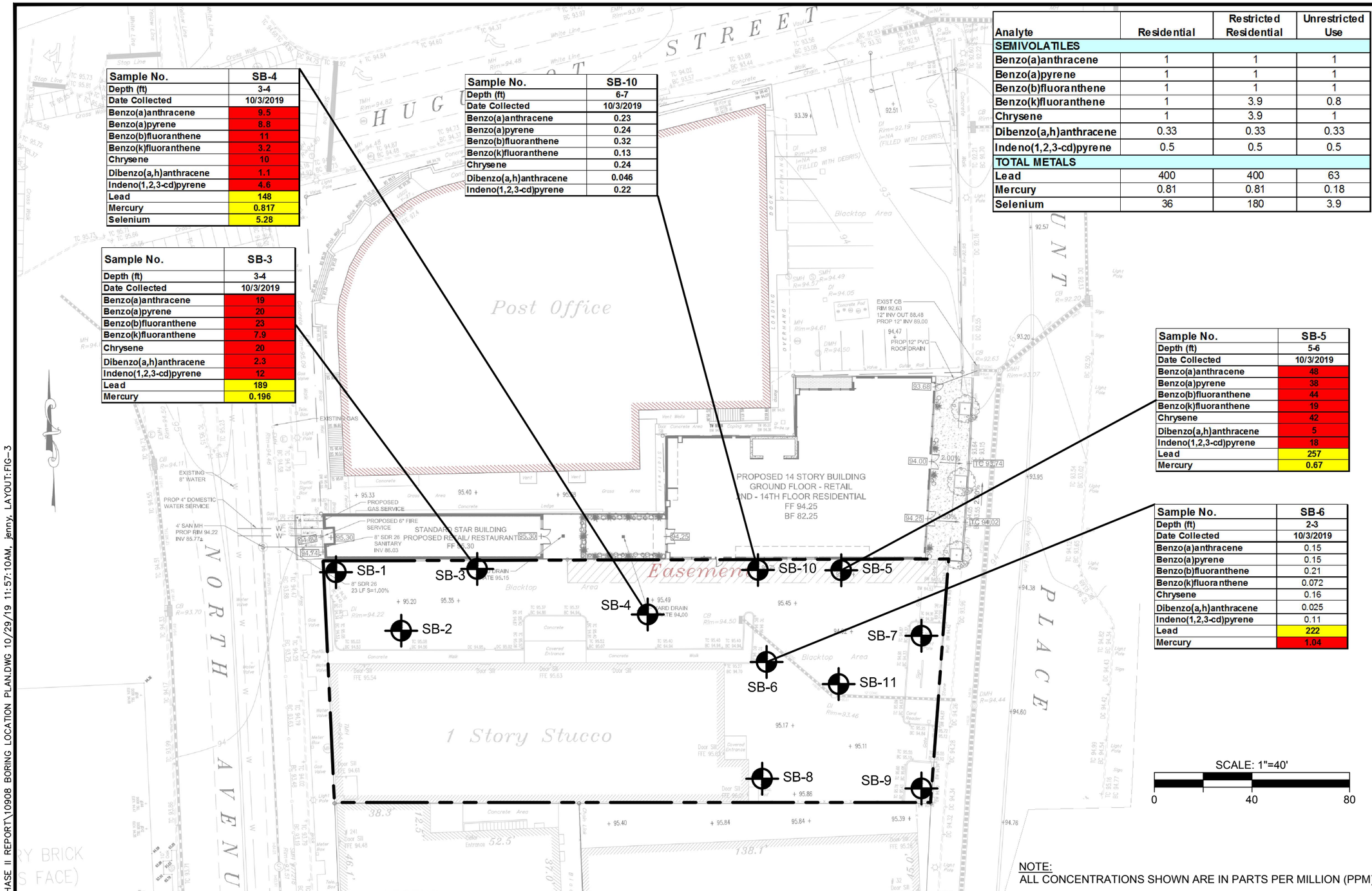
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project:
PROPOSED 247 NORTH AVENUE DEVELOPMENT
247 NORTH AVENUE
NEW ROCHELLE, WESTCHESTER COUNTY, NEW YORK

drawing title:
SITE PLAN

job no: 10908
drawing no:

FIG-2



Sample No.	SB-4
Depth (ft)	3-4
Date Collected	10/3/2019
Benzo(a)anthracene	9.5
Benzo(a)pyrene	8.8
Benzo(b)fluoranthene	11
Benzo(k)fluoranthene	3.2
Chrysene	10
Dibenzo(a,h)anthracene	1.1
Indeno(1,2,3-cd)pyrene	4.6
Lead	148
Mercury	0.817
Selenium	5.28

Sample No.	SB-10
Depth (ft)	6-7
Date Collected	10/3/2019
Benzo(a)anthracene	0.23
Benzo(a)pyrene	0.24
Benzo(b)fluoranthene	0.32
Benzo(k)fluoranthene	0.13
Chrysene	0.24
Dibenzo(a,h)anthracene	0.046
Indeno(1,2,3-cd)pyrene	0.22

Sample No.	SB-3
Depth (ft)	3-4
Date Collected	10/3/2019
Benzo(a)anthracene	19
Benzo(a)pyrene	20
Benzo(b)fluoranthene	23
Benzo(k)fluoranthene	7.9
Chrysene	20
Dibenzo(a,h)anthracene	2.3
Indeno(1,2,3-cd)pyrene	12
Lead	189
Mercury	0.196

Analyte	Residential	Restricted Residential	Unrestricted Use
SEMIVOLATILES			
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	1	1
Benzo(b)fluoranthene	1	1	1
Benzo(k)fluoranthene	1	3.9	0.8
Chrysene	1	3.9	1
Dibenzo(a,h)anthracene	0.33	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5
TOTAL METALS			
Lead	400	400	63
Mercury	0.81	0.81	0.18
Selenium	36	180	3.9

Sample No.	SB-5
Depth (ft)	5-6
Date Collected	10/3/2019
Benzo(a)anthracene	48
Benzo(a)pyrene	38
Benzo(b)fluoranthene	44
Benzo(k)fluoranthene	19
Chrysene	42
Dibenzo(a,h)anthracene	5
Indeno(1,2,3-cd)pyrene	18
Lead	257
Mercury	0.67

Sample No.	SB-6
Depth (ft)	2-3
Date Collected	10/3/2019
Benzo(a)anthracene	0.15
Benzo(a)pyrene	0.15
Benzo(b)fluoranthene	0.21
Benzo(k)fluoranthene	0.072
Chrysene	0.16
Dibenzo(a,h)anthracene	0.025
Indeno(1,2,3-cd)pyrene	0.11
Lead	222
Mercury	1.04

NOTE:
ALL CONCENTRATIONS SHOWN ARE IN PARTS PER MILLION (PPM)

LEGEND:

- PROPERTY LINE

SB-1 - APPROX. LOCATION AND NO. OF SOIL BORING

NOTE:
THIS PLAN IS FOR LOCATING BORINGS ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

REFERENCE
SITE INFORMATION TAKEN FROM "GRADING AND UTILITY PLAN" PREPARED BY SESI CONSULTING ENGINEERS D.P.C.. DATED 4/13/17.

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dwg by: yy
chk by: JM
scale: 1" = 40'
date: 10/29/19

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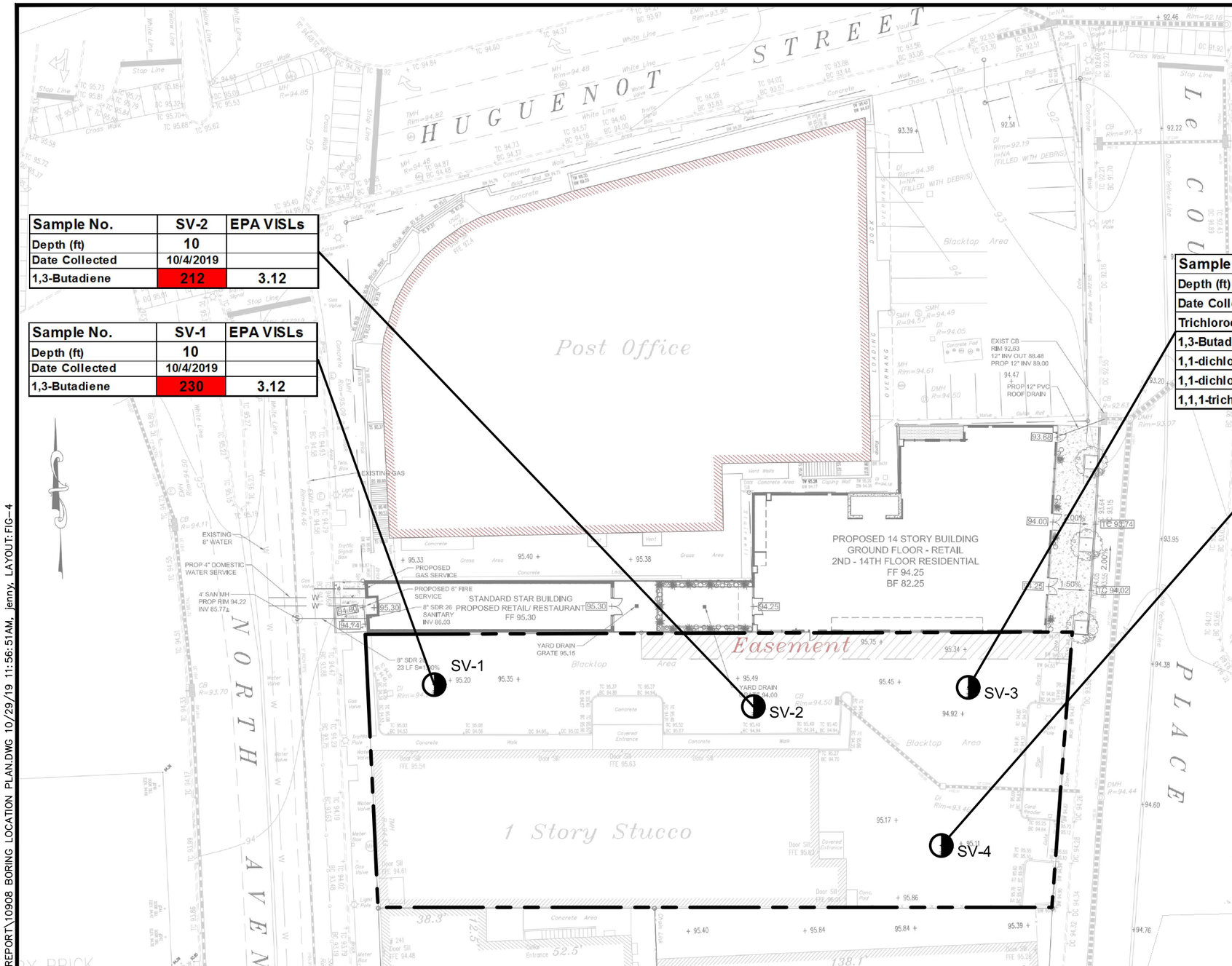
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project:
PROPOSED 247 NORTH AVENUE DEVELOPMENT
247 NORTH AVENUE
NEW ROCHELLE, WESTCHESTER COUNTY, NEW YORK

drawing title:
SOIL BORING LOCATION PLAN

job no: 10908
drawing no:
FIG-3

N:\ACAD\10908\PHASE II REPORT\10908 BORING LOCATION PLAN.DWG 10/29/19 11:57:10AM, jenny, LAYOUT:FIG-3



Sample No.	SV-2	EPA VISLs
Depth (ft)	10	
Date Collected	10/4/2019	
1,3-Butadiene	212	3.12

Sample No.	SV-1	EPA VISLs
Depth (ft)	10	
Date Collected	10/4/2019	
1,3-Butadiene	230	3.12

Sample No.	SV-3	NY-SSC-A/B	EPA VISLs
Depth (ft)	10		
Date Collected	10/4/2019		
Trichloroethene	29.5	6	
1,3-Butadiene	154		3.12
1,1-dichloroethene	8.68	6	
1,1-dichloroethane	903		585
1,1,1-trichloroethane	3730	100	

Sample No.	SV-4	EPA VISLs
Depth (ft)	10	
Date Collected	10/4/2019	
1,3-Butadiene	159	3.12

NOTE:
THIS PLAN IS FOR LOCATING SOIL VAPORS ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

NOTE:
ALL CONCENTRATIONS SHOWN ARE IN UG/M3 (MICROGRAMS PER CUBIC METER)

REFERENCE
SITE INFORMATION TAKEN FROM "GRADING AND UTILITY PLAN" PREPARED BY SESI CONSULTING ENGINEERS D.P.C.. DATED 4/13/17.

LEGEND:

- PROPERTY LINE
- SV-4 - SOIL VAPOR SAMPLE NUMBER & APPROX. LOCATION
- 6.66 - EXCEEDS APPLICABLE CRITERIA

NY-SSC-A: NEW YORK DOH MATRIX A SUB-SLAB VAPOR CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION (MAY 2017)
NY-SSC-B: NEW YORK DOH MATRIX B SUB-SLAB VAPOR CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION (MAY 2017)
EPA-VISL-RTSSGC-6: EPA VISL DEFAULT RESIDENTIAL TARGET SUB-SLAB & EXTERIOR SOIL GAS CONCENTRATIONS (TCR = 1E-06; THQ = 1) CRITERIA PER VISL CALCULATOR, MAY 2019

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dwg by: yy
chk by: JM
scale: 1" = 40'
date: 10/29/19

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SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: PROPOSED 247 NORTH AVENUE DEVELOPMENT
247 NORTH AVENUE
NEW ROCHELLE, WESTCHESTER COUNTY, NEW YORK

drawing title: SOIL VAPOR LOCATION PLAN

job no: 10908
drawing no: FIG-4

N:\ACAD\10908\PHASE II REPORT\10908 BORING LOCATION PLAN.DWG 10/29/19 11:56:51AM, jenny, LAYOUT:FIG-4

APPENDIX A
Ground Penetrating Radar Report

Enviro Drilling
AND CONTRACTING, INC.

77 Arkay Drive, Suite K
Hauppauge, New York 11788
T (631) 462-5866; F (631) 462-5877

www.envirodc.com

Field Work Assignment And Ground Penetrating Radar (GPR) Survey Evaluation Report

Prepared For:

Jesse A. Mausner, PG, LSRP
Eric Knies
Taij Patel
SESI CONSULTING ENGINEERS
12A Maple Avenue
Pine Brook, NJ 07058

Site Location: 247 North Avenue, New Rochelle, NY

Project No. 190109

Prepared on October 4th, 2019

By:

Hanibal Tayeh, Ph.D
Operations Manager

77 Arkay Drive, Suite K
Hauppauge, New York 11788
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REPORT CONTENT

		PAGE
1	EVALUATION REPORT…….	3
2	GPR INSPECTION ANALYSIS FORM…….	5
3	GPR SCAN & PHOTO……...	6
4	FIELD WORK ASSIGNMENT FORM…..……	8
5	APPLICATION PHOTOS……	9

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1.0 EVALUATION REPORT

Date	October 4th, 2019
Client	**SESI** CONSULTING ENGINEERS 12A Maple Avenue-Pine Brook, NJ 07058
Contact Name	Mr. Jesse A. Mausner, Project Manager
Project No.	190109
Site Location	247 North Avenue, New Rochelle, NY

1.1 INTRODUCTION

Enviro Drilling and Contracting, Inc. (Enviro Drilling) is a full Environmental/Geotechnical drilling, technological and site monitoring services company, with a staff that consists of qualified drillers, geologists and professional experienced engineers, to provide our clients with technical expertise and quality services. Enviro Drilling performed a Ground Penetrating Radar (GPR) survey and the soil borings development at the above referenced site in accordance with both our standard operating procedures (SOPs) and our proposal No. ED-11223 dated September 26th, 2019.

Note: The purpose of the GPR survey was to identify the presence of any subgrade anomalies and clear boring test locations prior to the excavation of the upper 2 feet of the Site.

1.2 DESCRIPTION OF FIELDWORK

- As shown in the GPR inspection analysis form below, the GPR survey was performed on October 3rd, 2019 utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. The GPR takes one “scan” per set unit. The number of scans per unit is based upon the estimated sizes of targets. Based upon the typical size of underground drainage structures, the GPR was set to run at 50 scans per foot. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is then graphically displayed on the Control Unit, which are then interpreted by the GPR operator the time of the survey.

- Installed 11 soil borings to a various depths or refusal (10 soil borings on October 3rd, 2019 and one on October 4th, 2019)

- Installed 4 soil vapor on October 4th, 2019

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1.3 GPR RESULTS

No subgrade anomaly was detected during the survey as shown in figure 1 (a & b)

1.4 EXCLUSIONS

Any GPR survey described above was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. Enviro Drilling and Contracting, Inc. does not accept responsibility for survey limitations due to inherent technological limitations or site-specific conditions, however, made appropriate effort to identify and notify the client of such limitations and conditions. In particular, please note that the survey described above does not represent a full utility clearance survey and does not relieve any party of applicable legal obligations to notify a utility one-call service prior to excavating or drilling.

1.5 REPORT VALIDATION

I, Hanibal C. Tayeh, attest that the data analysis displayed in this report exhibits, to the best of my knowledge, high degree of certainty. A specific instruction in regards of project scope of work and health and safety measures were given to the field tech team prior to mobilization by the operations management. This validation statement is based on specific criteria noted in Enviro Drilling standard operating procedures (SOPs).

Authorized by:

Hanibal C. Tayeh, Ph.D.
Operations Manager
Enviro Drilling and Contracting, Inc.

Enviro Drilling
AND CONTRACTING, INC.

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2.0 GPR INSPECTION ANALYSIS FORM

Enviro Drilling has performed a Ground Penetrating Radar (GPR) survey at the below referenced site in accordance with our standard operating procedure (SOP). The purpose of the GPR survey was to identify the presence of any subgrade anomalies prior to the excavation of the upper 2 feet of the Site.

Date: 10/03/2019	**Job Number:** 190109	**Project Manager:** Jesse A. Mausner
Site Address: 247 North Avenue, New Rochelle, NY		
Current Use of Site: No Information		
Client Information: SESI CONSULTING ENGINEERS-12A Maple Avenue-Pine Brook, NJ 07058		
Client Contact Name: Taij Patel		
Field GPR Professional (s): Donavan Edwards		
Start Time: 08:00AM		**End Time: 0**9:00 AM
Equipment Used: GSSI SIR-3000 Control Unit; 400-megahertz shielded antenna		
ENVIRONMENTAL ISSUES:		
Are there currently any storage tanks (above or underground) located on-site? **Unknown**		
Have there previously been any storage tanks (above or underground) located on-site? **NO**		
Are there currently any monitoring wells located on-site? **YES**		
Have there previously been any monitoring wells located on-site? **YES**		
ANOMALY #1 Non-Detected * (See below)		
Size: N/A		
Approximate Location: N/A		
Details: N/A		
Sketch #1		

* Light unknown anomalies have been detected in few original boring targets which necessitate location change.

Operations Management Authorization: Date:10/03/2019

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3.0 GPR SCAN AND PHOTO

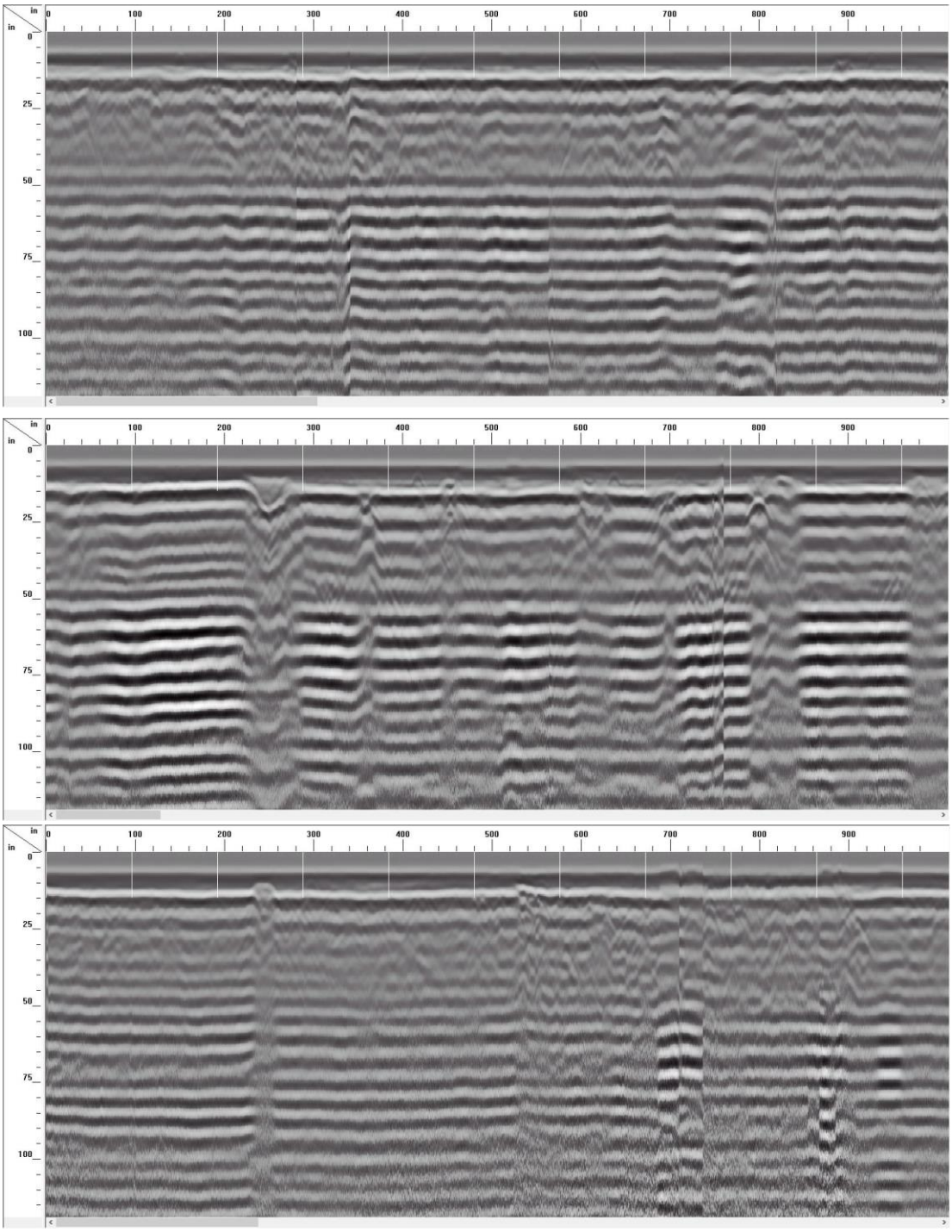

Figure – 1a

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GPR Photo

Figure – 1b

Enviro Drilling AND CONTRACTING, INC.

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4.0 FIELD WORK ASSIGNMENT FORM

Date: 10/03 & 04/2019	**Job Number:** 190109	**Project Manager:** Jesse A. Mausner
Site Address: 247 North Avenue, New Rochelle, NY		
Client Information: SESI CONSULTING ENGINEERS-12A Maple Avenue-Pine Brook, NJ 07058		
Client Contact Name: Jesse A. Mausner; Eric Knies and Taij Patel		

Field Technician (s)	Donavan Edwards	Terrence Clark
	Jin Lee	
Arrival Time: 08:00AM		**Departure Time: 2:45PM**
Vehicle (s) Used	**Equipment Used**	4.
V1 Truck	1. Geoprobe 7822DT	5.
	2. GPR	6.
	3.	7.

Scope of Work: 1st Day: Enviro Drilling mobilized a track-mounted Geoprobe 7822DT unit and installed 10 soil borings to a depth of 10 feet or refusal. Prior to drilling, Enviro Drilling performed ground penetrating radar (GPR) in all soil borings targets.
2nd Day: Installed one soil boring and 4 soil vapors

Check and Date if Completed
GPR
Yes_X__ N/A___ 10/03/2019
811 Public Markout
Yes_X__ N/A_ 10/02/2019
Sidewalk
Yes___ N/A_X__ / /
NYCT Tunnel or Highlined within 200ft
Yes___ N/A_X__ / /

Quality Assurance Issues: No quality assurance nor quality control issues have been reported.
Was the Decontamination Procedure Followed? **Yes_X__ No___ N/A___ Field Tech Initial:** DE/JL
Health & Safety Issues: None

Field Team Comments: None
Operations Management Comments: The project has been conducted in accordance with Enviro Drilling Standard Operating procedure. Thus, initial communication with SESI in response to project logistics planning and preparation, was instrumental to complete our field work.

Operations Management Authorization: Date: 10/04/2019

77 Arkay Drive, Suite K
Hauppauge, New York 11788
T (631) 462-5866; F (631) 462-5877

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5.0 APPLICATION PHOTOS

Figure – 2a

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Figure – 2b

Figure – 2c

APPENDIX B
Boring Logs

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-1**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED: 10/4/2019	GROUNDWATER TABLE DEPTH:	
INSPECTOR: TP	DATE COMPLETED: 10/4/2019	0 Hr. / 24 Hr. / Date	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	40	1	0			6" asphalt	0
						Fill: Brown fine SAND, some Silt	0
					SB-1(3')	Fill: Light Brown Clayey SILT, some fine Sand	0
							0
5				5			0
	50	2	5				0
						Light Brown medium to fine SAND, little Silt	0
							0
							0
10				10			0
	37	3	10			Gray/Brown medium to fine SAND, little Silt	0
							0
							0
							0
15				15			0
	34	4	15			Same with decomposed rock and drak brwon medium to fine	0
						Gravel	0
							0
20				20			
	8	5	20				
				21		REFUSAL AT ± 21 FEET	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-2**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED:	10/3/2019	GROUNDWATER TABLE DEPTH:
INSPECTOR: TP	DATE COMPLETED:	10/3/2019	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	37	1	0			6" asphalt	0
						Fill: Brown Clayey SILT, little fine Sand	0
							0
					SB-2(4')		0
5				5			0
	34	2	5			Brown/Gray fine SAND, some Silt, trace Clay	0
							0
							0
							0
10				10			0
						BORING COMPLETED AT ± 10 FEET	0
							0
							0
							0
15							0
							0
							0
							0
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-3**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED: 10/3/2019	GROUNDWATER TABLE DEPTH: NOT ENCOUNTERED	
INSPECTOR: TP	DATE COMPLETED: 10/3/2019	0 Hr. / 24 Hr. / Date	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	45	1	0			6" asphalt	0
						Fill: Gray/Black medium to fine SAND, little fine Gravel	0
					SB-3(3')	Fill: Gray Clayey SILT	0
						Brown fine SAND, some Silt	0
5				5			0
	41	2	5			Brown/Gray fine SAND, little Silt, trace Gravel	0
							0
							0
							0
10				10			0
						BORING COMPLETED AT ± 10 FEET	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-4**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED:	10/3/2019	GROUNDWATER TABLE DEPTH: NOT ENCOUNTERED
INSPECTOR: TP	DATE COMPLETED:	10/3/2019	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	43	1	0			6" asphalt	0
						Fill: Brown/Black medium to fine SAND, little Silt, trace Gravel	0
							0
					SB-4(3')	Fill: Gray CLAY, trace Sand	0
5				5		Brown fine SAND, trace Silt	0
	42	2	5				0
							0
							0
							0
10				10			0
		3	10			Gray fine SAND, little Silt, trace Grave, with crushed rock	0
							0
							0
							0
15				15			0
		4	15				0
							0
				17			0
						REFUSAL AT ± 17 FEET	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-5**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED: 10/3/2019	GROUNDWATER TABLE DEPTH: Not Encountered	
INSPECTOR: TP	DATE COMPLETED: 10/3/2019	0 Hr. / 24 Hr. / Date	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	37	1	0			6" asphalt	0
						Fill: Stained medium to fine SAND, little fine Gravel	0
						Fill: Stained Gray CLAY	0
							0
5				5	SB-5(5')		0
	40	2	5			Fill: Gray/Brown silty CLAY	0
							0
						Gray/Brown Clayey SILT, little fine Sand	0
							0
10				10			0
						BORING COMPLETED AT ± 10 FEET	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-6**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED:	10/3/2019	GROUNDWATER TABLE DEPTH: Not Encountered
INSPECTOR: TP	DATE COMPLETED:	10/3/2019	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	29	1	0			6" asphalt	0
						Fill: Stained Gray CLAY	0
							0
							0
5				5			0
	49	2	5				0
							0
					SB-11(8')		0
						Fine gray SAND, some Silt	0
10				10			0
						BORING COMPLETED AT ± 10 FEET	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-7**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED:	10/3/2019	GROUNDWATER TABLE DEPTH:
INSPECTOR: TP	DATE COMPLETED:	10/3/2019	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	35	1	0			6" topsoil	0
							0
						Gray silty CLAY	0
							0
5				5			0
	32	2	5			Fine Gray SAND, little fine Gravel, trace Silt	0
					SB-7(6')		0
							0
							0
10				10			0
						BORING COMPLETED AT ±10 FEET	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-8**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED: 10/3/2019	GROUNDWATER TABLE DEPTH:	
INSPECTOR: TP	DATE COMPLETED: 10/3/2019	0 Hr. / 24 Hr. / Date	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	34	1	0			6" asphalt	0
						Fill: Gray medium to fine SAND	0
					SB-8(3')	Fill: Brown Clayey SILT, trace Sand	0
							0
5				5			0
	30	2	5			Gray/Brown CLAY	0
							0
						Fine brown SAND, some Silt	0
							0
10				10			0
						BORING COMPLETED AT ±10 FEET	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-9**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED: 10/3/2019	GROUNDWATER TABLE DEPTH:	
INSPECTOR: TP	DATE COMPLETED: 10/3/2019	0 Hr. / 24 Hr. / Date	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	41	1	0			Fill: Gray CLAY	0
							0
						Fill: Brown/Black fine SAND, little Silt	0
							0
5				5			0
	37	2	5			Gray Clayey SILT, trace Sand, with crushed rock	0
							0
							0
							0
10				10			0
	33	3	10			Gray silty CLAY, trace Sand	0
							0
					SB-9(13')	Brown/Black Clayey SILT, little fine Sand	0
							0
15				15			0
	39	4	15			Gray fine SAND, some Silt	0
							0
							0
				19			0
20						REFUSAL AT ± 19 FEET	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-10**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED: 10/3/2019	GROUNDWATER TABLE DEPTH:	
INSPECTOR: TP	DATE COMPLETED: 10/3/2019	0 Hr. / 24 Hr. / Date	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	44	1	0			6" asphalt	0
						Fill: Gray medium to fine SAND, trace Silt, trace Gravel	0
						Fill: Gray Silty CLAY, trace Sand	0
							0
5				5			0
	38	2	5		SB-10(6')		0
							0
						Brown/Gray fine SAND, trace Silt	0
							0
10				10			0
						BORING COMPLETED AT ± 10 FEET	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	247 North Ave	GEOPROBE NO.	**SB-11**
LOCATION:	New Rochelle, NY	JOB NO.	10908
METHOD:	HSA	GROUND ELEVATION:	
GEOPROBE BY: Enviro Drilling	DATE STARTED:	10/3/2019	GROUNDWATER TABLE DEPTH:
INSPECTOR: TP	DATE COMPLETED:	10/3/2019	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	34	1	0			6" asphalt	0
						Fill: Gray/Brown medium to fine SAND, with crushed debris	0
						Fill: Gray fine SAND, trace Gravel	0
						Gray Silty CLAY	0
5				5			0
	36	2	5				0
						Gray/Brown fine SAND, little Silt, trace Gravel	0
					SB-11(8')		0
							0
10				10			0
						BORING COMPLETED AT ± 10 FEET	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

APPENDIX C
Laboratory Results
(Electronic)

ANALYTICAL REPORT

Lab Number:	L1946413
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	247 NORTH AVE.
Project Number:	10908:2
Report Date:	10/10/19

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-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1946413-01	SV-1	SOIL_VAPOR	NEW ROCHELLE, NY	10/04/19 11:17	10/04/19
L1946413-02	SV-2	SOIL_VAPOR	NEW ROCHELLE, NY	10/04/19 11:02	10/04/19
L1946413-03	SV-4	SOIL_VAPOR	NEW ROCHELLE, NY	10/04/19 10:50	10/04/19
L1946413-04	SV-3	SOIL_VAPOR	NEW ROCHELLE, NY	10/04/19 10:19	10/04/19

Project Name:	247 NORTH AVE.	**Lab Number:**	L1946413
Project Number:	10908:2	**Report Date:**	10/10/19

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:	247 NORTH AVE.	**Lab Number:**	L1946413
Project Number:	10908:2	**Report Date:**	10/10/19

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 1, 2019. The canister certification results are provided as an addendum.

L1946413-01 through -04: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

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: Christopher J. Anderson

Title: Technical Director/Representative

Date: 10/10/19

AIR

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-01 D
Client ID: SV-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 11:17
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/09/19 21:45
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.568	0.500	--	2.81	2.47	--		2.5
Chloromethane	1.77	0.500	--	3.66	1.03	--		2.5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	104	0.500	--	230	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	5.10	0.500	--	13.5	1.32	--		2.5
Ethyl Alcohol	15.5	12.5	--	29.2	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	185	2.50	--	439	5.94	--		2.5
Trichlorofluoromethane	7.61	0.500	--	42.8	2.81	--		2.5
iso-Propyl Alcohol	3.38	1.25	--	8.31	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
tert-Butyl Alcohol	ND	1.25	--	ND	3.79	--		2.5
Methylene chloride	ND	1.25	--	ND	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	11.8	0.500	--	36.7	1.56	--		2.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	170	1.25	--	501	3.69	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-01 D
Client ID: SV-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 11:17
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5
Chloroform	ND	0.500	--	ND	2.44	--		2.5
Tetrahydrofuran	210	1.25	--	619	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	23.1	0.500	--	81.4	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	7.78	0.500	--	24.9	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	2.87	0.500	--	9.88	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
Xylene (Total)	5.08	0.500	--	22.1	2.17	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	ND	0.500	--	ND	2.69	--		2.5
2,2,4-Trimethylpentane	ND	0.500	--	ND	2.34	--		2.5
Heptane	7.03	0.500	--	28.8	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	4.05	1.25	--	16.6	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	3.94	0.500	--	14.8	1.88	--		2.5
1,2-Dichloroethene (total)	ND	0.500	--	ND	1.98	--		2.5
2-Hexanone	ND	0.500	--	ND	2.05	--		2.5
1,3-Dichloropropene, Total	ND	0.500	--	ND	2.27	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-01 D
Client ID: SV-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 11:17
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tetrachloroethene	ND	0.500	--	ND	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	0.802	0.500	--	3.48	2.17	--		2.5
p/m-Xylene	2.74	1.00	--	11.9	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	2.32	0.500	--	9.88	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	2.34	0.500	--	10.2	2.17	--		2.5
4-Ethyltoluene	ND	0.500	--	ND	2.46	--		2.5
1,3,5-Trimethylbenzene	0.568	0.500	--	2.79	2.46	--		2.5
1,2,4-Trimethylbenzene	2.28	0.500	--	11.2	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	101		60-140

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-02 D
Client ID: SV-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 11:02
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/09/19 22:22
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	7.34	0.667	--	36.3	3.30	--		3.333
Chloromethane	1.52	0.667	--	3.14	1.38	--		3.333
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.667	--	ND	4.66	--		3.333
Vinyl chloride	ND	0.667	--	ND	1.71	--		3.333
1,3-Butadiene	95.8	0.667	--	212	1.48	--		3.333
Bromomethane	ND	0.667	--	ND	2.59	--		3.333
Chloroethane	1.44	0.667	--	3.80	1.76	--		3.333
Ethyl Alcohol	18.4	16.7	--	34.7	31.5	--		3.333
Vinyl bromide	ND	0.667	--	ND	2.92	--		3.333
Acetone	205	3.33	--	487	7.91	--		3.333
Trichlorofluoromethane	12.5	0.667	--	70.2	3.75	--		3.333
iso-Propyl Alcohol	4.62	1.67	--	11.4	4.10	--		3.333
1,1-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
tert-Butyl Alcohol	ND	1.67	--	ND	5.06	--		3.333
Methylene chloride	ND	1.67	--	ND	5.80	--		3.333
3-Chloropropene	ND	0.667	--	ND	2.09	--		3.333
Carbon disulfide	7.66	0.667	--	23.9	2.08	--		3.333
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.667	--	ND	5.11	--		3.333
trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
1,1-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
Methyl tert butyl ether	ND	0.667	--	ND	2.40	--		3.333
2-Butanone	209	1.67	--	616	4.93	--		3.333
cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-02 D
Client ID: SV-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 11:02
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.67	--	ND	6.02	--		3.333
Chloroform	ND	0.667	--	ND	3.26	--		3.333
Tetrahydrofuran	273	1.67	--	805	4.93	--		3.333
1,2-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
n-Hexane	19.5	0.667	--	68.7	2.35	--		3.333
1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Benzene	8.64	0.667	--	27.6	2.13	--		3.333
Carbon tetrachloride	ND	0.667	--	ND	4.20	--		3.333
Cyclohexane	3.07	0.667	--	10.6	2.30	--		3.333
1,2-Dichloropropane	ND	0.667	--	ND	3.08	--		3.333
Bromodichloromethane	ND	0.667	--	ND	4.47	--		3.333
Xylene (Total)	5.36	0.667	--	23.3	2.90	--		3.333
1,4-Dioxane	ND	0.667	--	ND	2.40	--		3.333
Trichloroethene	ND	0.667	--	ND	3.58	--		3.333
2,2,4-Trimethylpentane	ND	0.667	--	ND	3.12	--		3.333
Heptane	6.88	0.667	--	28.2	2.73	--		3.333
cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
4-Methyl-2-pentanone	4.84	1.67	--	19.8	6.84	--		3.333
trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Toluene	4.77	0.667	--	18.0	2.51	--		3.333
1,2-Dichloroethene (total)	ND	0.667	--	ND	2.64	--		3.333
2-Hexanone	ND	0.667	--	ND	2.73	--		3.333
Dibromochloromethane	ND	0.667	--	ND	5.68	--		3.333
1,3-Dichloropropene, Total	ND	0.667	--	ND	3.03	--		3.333
1,2-Dibromoethane	ND	0.667	--	ND	5.13	--		3.333

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-02 D
Client ID: SV-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 11:02
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tetrachloroethene	ND	0.667	--	ND	4.52	--		3.333
Chlorobenzene	ND	0.667	--	ND	3.07	--		3.333
Ethylbenzene	0.880	0.667	--	3.82	2.90	--		3.333
p/m-Xylene	2.89	1.33	--	12.6	5.78	--		3.333
Bromoform	ND	0.667	--	ND	6.90	--		3.333
Styrene	2.42	0.667	--	10.3	2.84	--		3.333
1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--		3.333
o-Xylene	2.47	0.667	--	10.7	2.90	--		3.333
4-Ethyltoluene	ND	0.667	--	ND	3.28	--		3.333
1,3,5-Trimethylbenzene	ND	0.667	--	ND	3.28	--		3.333
1,2,4-Trimethylbenzene	2.23	0.667	--	11.0	3.28	--		3.333
Benzyl chloride	ND	0.667	--	ND	3.45	--		3.333
1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--		3.333
Hexachlorobutadiene	ND	0.667	--	ND	7.11	--		3.333

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-03 D
Client ID: SV-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:50
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/09/19 22:59
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.667	--	ND	3.30	--		3.333
Chloromethane	0.916	0.667	--	1.89	1.38	--		3.333
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.667	--	ND	4.66	--		3.333
Vinyl chloride	ND	0.667	--	ND	1.71	--		3.333
1,3-Butadiene	71.9	0.667	--	159	1.48	--		3.333
Bromomethane	ND	0.667	--	ND	2.59	--		3.333
Chloroethane	ND	0.667	--	ND	1.76	--		3.333
Ethyl Alcohol	ND	16.7	--	ND	31.5	--		3.333
Vinyl bromide	ND	0.667	--	ND	2.92	--		3.333
Acetone	214	3.33	--	508	7.91	--		3.333
Trichlorofluoromethane	ND	0.667	--	ND	3.75	--		3.333
iso-Propyl Alcohol	4.62	1.67	--	11.4	4.10	--		3.333
1,1-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
tert-Butyl Alcohol	ND	1.67	--	ND	5.06	--		3.333
Methylene chloride	ND	1.67	--	ND	5.80	--		3.333
3-Chloropropene	ND	0.667	--	ND	2.09	--		3.333
Carbon disulfide	9.74	0.667	--	30.3	2.08	--		3.333
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.667	--	ND	5.11	--		3.333
trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
1,1-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
Methyl tert butyl ether	ND	0.667	--	ND	2.40	--		3.333
2-Butanone	235	1.67	--	693	4.93	--		3.333
cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-03 D
Client ID: SV-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:50
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.67	--	ND	6.02	--		3.333
Chloroform	ND	0.667	--	ND	3.26	--		3.333
Tetrahydrofuran	268	1.67	--	790	4.93	--		3.333
1,2-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
n-Hexane	26.5	0.667	--	93.4	2.35	--		3.333
1,1,1-Trichloroethane	1.87	0.667	--	10.2	3.64	--		3.333
Benzene	8.38	0.667	--	26.8	2.13	--		3.333
Carbon tetrachloride	ND	0.667	--	ND	4.20	--		3.333
Cyclohexane	4.89	0.667	--	16.8	2.30	--		3.333
1,2-Dichloropropane	ND	0.667	--	ND	3.08	--		3.333
Bromodichloromethane	ND	0.667	--	ND	4.47	--		3.333
Xylene (Total)	5.40	0.667	--	23.5	2.90	--		3.333
1,4-Dioxane	ND	0.667	--	ND	2.40	--		3.333
Trichloroethene	ND	0.667	--	ND	3.58	--		3.333
2,2,4-Trimethylpentane	ND	0.667	--	ND	3.12	--		3.333
Heptane	9.26	0.667	--	37.9	2.73	--		3.333
cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
4-Methyl-2-pentanone	7.71	1.67	--	31.6	6.84	--		3.333
trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Toluene	4.94	0.667	--	18.6	2.51	--		3.333
1,2-Dichloroethene (total)	ND	0.667	--	ND	2.64	--		3.333
2-Hexanone	ND	0.667	--	ND	2.73	--		3.333
Dibromochloromethane	ND	0.667	--	ND	5.68	--		3.333
1,3-Dichloropropene, Total	ND	0.667	--	ND	3.03	--		3.333
1,2-Dibromoethane	ND	0.667	--	ND	5.13	--		3.333

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-03 D
Client ID: SV-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:50
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tetrachloroethene	ND	0.667	--	ND	4.52	--		3.333
Chlorobenzene	ND	0.667	--	ND	3.07	--		3.333
Ethylbenzene	0.890	0.667	--	3.87	2.90	--		3.333
p/m-Xylene	2.92	1.33	--	12.7	5.78	--		3.333
Bromoform	ND	0.667	--	ND	6.90	--		3.333
Styrene	2.34	0.667	--	9.96	2.84	--		3.333
1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--		3.333
o-Xylene	2.48	0.667	--	10.8	2.90	--		3.333
4-Ethyltoluene	ND	0.667	--	ND	3.28	--		3.333
1,3,5-Trimethylbenzene	ND	0.667	--	ND	3.28	--		3.333
1,2,4-Trimethylbenzene	2.29	0.667	--	11.3	3.28	--		3.333
Benzyl chloride	ND	0.667	--	ND	3.45	--		3.333
1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--		3.333
Hexachlorobutadiene	ND	0.667	--	ND	7.11	--		3.333

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-04 D
Client ID: SV-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:19
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/09/19 23:35
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	69.7	2.00	--	154	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethyl Alcohol	60.6	50.0	--	114	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	240	10.0	--	570	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
iso-Propyl Alcohol	61.6	5.00	--	151	12.3	--		10
1,1-Dichloroethene	2.19	2.00	--	8.68	7.93	--		10
tert-Butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	4.07	2.00	--	12.7	6.23	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	223	2.00	--	903	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	165	5.00	--	487	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-04 D
Client ID: SV-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:19
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	169	5.00	--	498	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	29.0	2.00	--	102	7.05	--		10
1,1,1-Trichloroethane	684	2.00	--	3730	10.9	--		10
Benzene	7.89	2.00	--	25.2	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	155	2.00	--	534	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
Xylene (Total)	2.12	2.00	--	9.21	8.69	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	5.48	2.00	--	29.5	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	100	2.00	--	410	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	3.52	2.00	--	13.3	7.54	--		10
1,2-Dichloroethene (total)	ND	2.00	--	ND	7.93	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
1,3-Dichloropropene, Total	ND	2.00	--	ND	9.08	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946413-04 D
Client ID: SV-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:19
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	2.12	2.00	--	9.21	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	98		60-140

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/09/19 15:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1294269-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/09/19 15:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1294269-4								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylene (Total)	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,3-Dichloropropene, Total	ND	0.200	--	ND	0.908	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/09/19 15:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1294269-4								
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/09/19 15:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1294269-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/09/19 15:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1294269-4								
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1294269-3								
Chlorodifluoromethane	82		-		70-130	-		
Propylene	102		-		70-130	-		
Propane	84		-		70-130	-		
Dichlorodifluoromethane	89		-		70-130	-		
Chloromethane	90		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	91		-		70-130	-		
Methanol	**133**	Q	-		70-130	-		
Vinyl chloride	90		-		70-130	-		
1,3-Butadiene	95		-		70-130	-		
Butane	84		-		70-130	-		
Bromomethane	90		-		70-130	-		
Chloroethane	90		-		70-130	-		
Ethyl Alcohol	91		-		40-160	-		
Dichlorofluoromethane	81		-		70-130	-		
Vinyl bromide	86		-		70-130	-		
Acrolein	77		-		70-130	-		
Acetone	78		-		40-160	-		
Acetonitrile	86		-		70-130	-		
Trichlorofluoromethane	89		-		70-130	-		
iso-Propyl Alcohol	83		-		40-160	-		
Acrylonitrile	87		-		70-130	-		
Pentane	85		-		70-130	-		
Ethyl ether	77		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1294269-3								
1,1-Dichloroethene	90		-		70-130	-		
tert-Butyl Alcohol	80		-		70-130	-		
Methylene chloride	93		-		70-130	-		
3-Chloropropene	94		-		70-130	-		
Carbon disulfide	82		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		-		70-130	-		
trans-1,2-Dichloroethene	89		-		70-130	-		
1,1-Dichloroethane	91		-		70-130	-		
Methyl tert butyl ether	101		-		70-130	-		
Vinyl acetate	92		-		70-130	-		
2-Butanone	99		-		70-130	-		
cis-1,2-Dichloroethene	92		-		70-130	-		
Ethyl Acetate	104		-		70-130	-		
Chloroform	94		-		70-130	-		
Tetrahydrofuran	100		-		70-130	-		
2,2-Dichloropropane	90		-		70-130	-		
1,2-Dichloroethane	92		-		70-130	-		
n-Hexane	93		-		70-130	-		
Isopropyl Ether	92		-		70-130	-		
Ethyl-Tert-Butyl-Ether	93		-		70-130	-		
1,2-Dichloroethene (total)	90		-			-		
1,2-Dichloroethene (total)	90		-			-		
1,1,1-Trichloroethane	96		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946413
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1294269-3								
1,1-Dichloropropene	91		-		70-130	-		
Benzene	91		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	91		-		70-130	-		
Tertiary-Amyl Methyl Ether	95		-		70-130	-		
Dibromomethane	87		-		70-130	-		
1,2-Dichloropropane	92		-		70-130	-		
Bromodichloromethane	95		-		70-130	-		
1,4-Dioxane	91		-		70-130	-		
Trichloroethene	92		-		70-130	-		
2,2,4-Trimethylpentane	93		-		70-130	-		
Methyl Methacrylate	75		-		40-160	-		
Heptane	97		-		70-130	-		
cis-1,3-Dichloropropene	100		-		70-130	-		
4-Methyl-2-pentanone	100		-		70-130	-		
trans-1,3-Dichloropropene	87		-		70-130	-		
1,1,2-Trichloroethane	94		-		70-130	-		
Toluene	88		-		70-130	-		
1,3-Dichloropropane	86		-		70-130	-		
2-Hexanone	87		-		70-130	-		
Dibromochloromethane	97		-		70-130	-		
1,2-Dibromoethane	93		-		70-130	-		
Butyl Acetate	73		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946413
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1294269-3								
Octane	84		-		70-130	-		
Tetrachloroethene	89		-		70-130	-		
1,1,1,2-Tetrachloroethane	86		-		70-130	-		
Chlorobenzene	91		-		70-130	-		
Ethylbenzene	91		-		70-130	-		
p/m-Xylene	91		-		70-130	-		
Bromoform	94		-		70-130	-		
Styrene	92		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		
o-Xylene	93		-		70-130	-		
1,2,3-Trichloropropane	89		-		70-130	-		
Nonane (C9)	89		-		70-130	-		
Isopropylbenzene	90		-		70-130	-		
Bromobenzene	88		-		70-130	-		
o-Chlorotoluene	84		-		70-130	-		
n-Propylbenzene	88		-		70-130	-		
p-Chlorotoluene	87		-		70-130	-		
4-Ethyltoluene	98		-		70-130	-		
1,3,5-Trimethylbenzene	101		-		70-130	-		
tert-Butylbenzene	97		-		70-130	-		
1,2,4-Trimethylbenzene	105		-		70-130	-		
Decane (C10)	99		-		70-130	-		
Benzyl chloride	110		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1294269-3								
1,3-Dichlorobenzene	100		-		70-130	-		
1,4-Dichlorobenzene	99		-		70-130	-		
sec-Butylbenzene	99		-		70-130	-		
p-Isopropyltoluene	96		-		70-130	-		
1,2-Dichlorobenzene	105		-		70-130	-		
n-Butylbenzene	110		-		70-130	-		
1,2-Dibromo-3-chloropropane	113		-		70-130	-		
Undecane	97		-		70-130	-		
Dodecane (C12)	80		-		70-130	-		
1,2,4-Trichlorobenzene	116		-		70-130	-		
Naphthalene	106		-		70-130	-		
1,2,3-Trichlorobenzene	95		-		70-130	-		
Hexachlorobutadiene	105		-		70-130	-		

Project Name: 247 NORTH AVE.

Lab Number: L1946413

Project Number: 10908:2

Report Date: 10/10/19

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1946413-01	SV-1	0851	SV20	10/01/19	303526		-	-	-	Pass	18.1	15.5	15
L1946413-01	SV-1	2736	2.7L Can	10/01/19	303526	L1943002-05	Pass	-28.2	-5.6	-	-	-	-
L1946413-02	SV-2	01333	SV20	10/01/19	303526		-	-	-	Pass	16.2	14.3	12
L1946413-02	SV-2	2033	2.7L Can	10/01/19	303526	L1943002-04	Pass	-29.5	-7.6	-	-	-	-
L1946413-03	SV-4	01347	SV20	10/01/19	303526		-	-	-	Pass	17.9	15.6	14
L1946413-03	SV-4	378	2.7L Can	10/01/19	303526	L1943002-05	Pass	-29.4	-6.4	-	-	-	-
L1946413-04	SV-3	01245	SV20	10/01/19	303526		-	-	-	Pass	18.8	16.5	13
L1946413-04	SV-3	529	2.7L Can	10/01/19	303526	L1943002-05	Pass	-29.5	-6.1	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-04
Client ID: CAN 548 SHELF 2
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/19/19 19:28
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-04
Client ID: CAN 548 SHELF 2
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-04
Client ID: CAN 548 SHELF 2
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-04
Client ID: CAN 548 SHELF 2
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-04
Client ID: CAN 548 SHELF 2
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-04
Client ID: CAN 548 SHELF 2
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/19/19 19:28
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-04
Client ID: CAN 548 SHELF 2
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-04
Client ID: CAN 548 SHELF 2
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	102		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-05
Client ID: CAN 487 SHELF 8
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/19/19 20:08
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-05
Client ID: CAN 487 SHELF 8
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-05
Client ID: CAN 487 SHELF 8
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-05
Client ID: CAN 487 SHELF 8
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-05
Client ID: CAN 487 SHELF 8
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-05
Client ID: CAN 487 SHELF 8
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/19/19 20:08
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-05
Client ID: CAN 487 SHELF 8
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1943002
Report Date: 10/10/19

Air Canister Certification Results

Lab ID: L1943002-05
Client ID: CAN 487 SHELF 8
Sample Location:

Date Collected: 09/18/19 09:00
Date Received: 09/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	102		60-140

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946413
Report Date: 10/10/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1946413-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L1946413-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L1946413-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L1946413-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	247 NORTH AVE.	**Lab Number:**	L1946413
Project Number:	10908:2	**Report Date:**	10/10/19

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:	247 NORTH AVE.	**Lab Number:**	L1946413
Project Number:	10908:2	**Report Date:**	10/10/19

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 acetone is introduced in the process.

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: 247 NORTH AVE. **Lab Number:** L1946413
Project Number: 10908:2 **Report Date:** 10/10/19

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

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.

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/5/19

ALPHA Job #: L1946413

Client Information

Client: SESI

Address: 12 A Maple Ave
Pine Brook NJ

Phone: 973-808-9050

Fax:

Email: jom@sesi.org

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 247 North Ave

Project Location: New Rochelle, NY

Project #: 10908:2

Project Manager: Jesse. M

ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)
Jesse M.
jom@sesi.org

Billing Information

☐ Same as Client info PO #: 10908:2

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NY Unrestricted		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15 -LL	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15			Sample Comments (i.e. PID)
46413.01	SV-1	10/4	9:17	11:17	-30.48	-5.26	SV	TP	2.7L	2736	0851	✓							
.02	SV-2	↓	9:02	11:02	-29.09	-7.83	SV	TP	↓	2073	01333	✓							
.03	SV-~~3~~ 4	↓	8:50	10:50	-29.42	-6.28	SV	TP	↓	378	01347	✓							
.04	SV-~~4~~ 3	↓	8:19	10:19	-29.79	-5.65	SV	TP	↓	529	01245	✓							

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	10/4 12:45	[signature]	10/4 1245
[signature]	10/4 1430	[signature]	10/4/19 2300
[signature] AAL	10/5/19 0415	[signature]	10/5/19 0415

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 Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L1946080
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	247 NORTH AVE.
Project Number:	10908:2
Report Date:	10/10/19

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: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1946080-01	SB-2 (4')	SOIL	NEW ROCHELLE, NY	10/03/19 12:30	10/03/19
L1946080-02	SB-3 (3')	SOIL	NEW ROCHELLE, NY	10/03/19 12:15	10/03/19
L1946080-03	SB-4 (3')	SOIL	NEW ROCHELLE, NY	10/03/19 12:00	10/03/19
L1946080-04	SB-5 (5')	SOIL	NEW ROCHELLE, NY	10/03/19 10:30	10/03/19
L1946080-05	SB-6 (2')	SOIL	NEW ROCHELLE, NY	10/03/19 10:15	10/03/19
L1946080-06	SB-7 (6')	SOIL	NEW ROCHELLE, NY	10/03/19 08:15	10/03/19
L1946080-07	SB-8 (3')	SOIL	NEW ROCHELLE, NY	10/03/19 09:15	10/03/19
L1946080-08	SB-9 (13')	SOIL	NEW ROCHELLE, NY	10/03/19 09:30	10/03/19
L1946080-09	SB-10 (6')	SOIL	NEW ROCHELLE, NY	10/03/19 10:45	10/03/19
L1946080-10	SB-11 (8')	SOIL	NEW ROCHELLE, NY	10/03/19 10:00	10/03/19

Project Name:	247 NORTH AVE.	**Lab Number:**	L1946080
Project Number:	10908:2	**Report Date:**	10/10/19

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: 247 NORTH AVE. **Lab Number:** L1946080
Project Number: 10908:2 **Report Date:** 10/10/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1946080-02 and -03: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1946080-02 and -04: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals

L1946080-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1292548-3 MS recoveries for aluminum (474%), iron (1280%) and manganese (444%), performed on L1946080-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1292548-4 Laboratory Duplicate RPD for potassium (21%), performed on L1946080-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Cyanide, Total

The WG1292472-2/-3 LCS/LCSD recoveries (48%/35%), associated with L1946080-01 through -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Michelle M. Morris

Title: Technical Director/Representative Date: 10/10/19

ORGANICS

VOLATILES

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01
Client ID: SB-2 (4')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 15:40
Analyst: KJD
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.26	J	ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.1	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	0.14	J	ug/kg	1.6	0.14	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01 Date Collected: 10/03/19 12:30

Client ID: SB-2 (4') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	0.14	J	ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01
Client ID: SB-2 (4')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	88		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02
Client ID: SB-3 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 16:19
Analyst: KJD
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.27	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02 Date Collected: 10/03/19 12:15

Client ID: SB-3 (3') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02 Date Collected: 10/03/19 12:15

Client ID: SB-3 (3') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Tentatively Identified Compounds				
Total TIC Compounds	95.6	J	ug/kg	1
Unknown	95.6	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	89		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 16:59
Analyst: KJD
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	0.30	J	ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.89	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.6	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03 Date Collected: 10/03/19 12:00

Client ID: SB-4 (3') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.83	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03 Date Collected: 10/03/19 12:00

Client ID: SB-4 (3') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.24	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	90		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04
Client ID: SB-5 (5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 17:38
Analyst: KJD
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.9	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	0.45	J	ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.79	0.31	1
Chlorobenzene	ND		ug/kg	0.79	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	0.26	1
Bromodichloromethane	ND		ug/kg	0.79	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.79	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.79	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.79	0.25	1
Bromoform	ND		ug/kg	6.3	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.79	0.26	1
Benzene	ND		ug/kg	0.79	0.26	1
Toluene	ND		ug/kg	1.6	0.86	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.5	1
Bromomethane	ND		ug/kg	3.2	0.92	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04 Date Collected: 10/03/19 10:30

Client ID: SB-5 (5') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.79	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.89	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	42		ug/kg	16	7.6	1
Carbon disulfide	ND		ug/kg	16	7.2	1
2-Butanone	8.2	J	ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.79	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.30	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.3	1.0	1
Acrylonitrile	ND		ug/kg	6.3	1.8	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04 Date Collected: 10/03/19 10:30

Client ID: SB-5 (5') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.53	1
1,4-Dioxane	ND		ug/kg	130	56.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.61	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.30	1
Ethyl ether	ND		ug/kg	3.2	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	2.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	90		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05
Client ID: SB-6 (2')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 18:17
Analyst: KJD
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.26	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05 Date Collected: 10/03/19 10:15

Client ID: SB-6 (2') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	42		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	8.3	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05 Date Collected: 10/03/19 10:15

Client ID: SB-6 (2') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	90		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06
Client ID: SB-7 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 08:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 18:56
Analyst: KJD
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	0.25	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06 Date Collected: 10/03/19 08:15

Client ID: SB-7 (6') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06 Date Collected: 10/03/19 08:15

Client ID: SB-7 (6') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds				
Total TIC Compounds	78.4	J	ug/kg	1
Unknown	78.4	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	89		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07
Client ID: SB-8 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 19:35
Analyst: KJD
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	0.36	J	ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.72	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.79	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07 Date Collected: 10/03/19 09:15

Client ID: SB-8 (3') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.81	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.72	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.94	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07 Date Collected: 10/03/19 09:15

Client ID: SB-8 (3') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	2.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	89		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08
Client ID: SB-9 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 20:14
Analyst: KJD
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	0.38	J	ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08 Date Collected: 10/03/19 09:30

Client ID: SB-9 (13') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08 Date Collected: 10/03/19 09:30

Client ID: SB-9 (13') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Tentatively Identified Compounds				
Total TIC Compounds	96.9	J	ug/kg	1
Unknown	96.9	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	88		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:45
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 20:53
Analyst: KJD
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	0.25	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09 Date Collected: 10/03/19 10:45

Client ID: SB-10 (6') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	53		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	10	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09 Date Collected: 10/03/19 10:45

Client ID: SB-10 (6') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Tentatively Identified Compounds				
Total TIC Compounds	15.8	J	ug/kg	1
Unknown Alkane	6.11	J	ug/kg	1
Unknown	4.58	J	ug/kg	1
Unknown Alkane	5.13	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	89		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10
Client ID: SB-11 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/19 21:32
Analyst: NLK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	0.26	J	ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10 Date Collected: 10/03/19 10:00

Client ID: SB-11 (8') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10 Date Collected: 10/03/19 10:00

Client ID: SB-11 (8') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	88		70-130

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/19 12:24
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1293818-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.29	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.74	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/19 12:24
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1293818-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/19 12:24
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1293818-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	62.4	J	ug/kg
Unknown	60.4	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	2.00	NJ	ug/kg

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/19 12:24
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1293818-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1293818-3 WG1293818-4								
Methylene chloride	92		94		70-130	2		30
1,1-Dichloroethane	107		108		70-130	1		30
Chloroform	99		100		70-130	1		30
Carbon tetrachloride	99		100		70-130	1		30
1,2-Dichloropropane	105		106		70-130	1		30
Dibromochloromethane	88		90		70-130	2		30
1,1,2-Trichloroethane	97		97		70-130	0		30
Tetrachloroethene	94		93		70-130	1		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	111		111		70-139	0		30
1,2-Dichloroethane	100		103		70-130	3		30
1,1,1-Trichloroethane	100		101		70-130	1		30
Bromodichloromethane	94		96		70-130	2		30
trans-1,3-Dichloropropene	71		74		70-130	4		30
cis-1,3-Dichloropropene	71		74		70-130	4		30
1,1-Dichloropropene	108		107		70-130	1		30
Bromoform	82		86		70-130	5		30
1,1,2,2-Tetrachloroethane	98		100		70-130	2		30
Benzene	100		100		70-130	0		30
Toluene	97		96		70-130	1		30
Ethylbenzene	100		100		70-130	0		30
Chloromethane	130		129		52-130	1		30
Bromomethane	98		98		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1293818-3 WG1293818-4								
Vinyl chloride	120		119		67-130	1		30
Chloroethane	118		119		50-151	1		30
1,1-Dichloroethene	108		107		65-135	1		30
trans-1,2-Dichloroethene	102		102		70-130	0		30
Trichloroethene	99		100		70-130	1		30
1,2-Dichlorobenzene	92		93		70-130	1		30
1,3-Dichlorobenzene	95		96		70-130	1		30
1,4-Dichlorobenzene	94		95		70-130	1		30
Methyl tert butyl ether	100		102		66-130	2		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	94		93		70-130	1		30
cis-1,2-Dichloroethene	96		98		70-130	2		30
Dibromomethane	94		95		70-130	1		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	**151**	Q	**150**	Q	30-146	1		30
Acetone	**197**	Q	**188**	Q	54-140	5		30
Carbon disulfide	103		103		59-130	0		30
2-Butanone	113		112		70-130	1		30
Vinyl acetate	95		94		70-130	1		30
4-Methyl-2-pentanone	109		110		70-130	1		30
1,2,3-Trichloropropane	101		103		68-130	2		30
2-Hexanone	108		109		70-130	1		30
Bromochloromethane	92		93		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1293818-3 WG1293818-4								
2,2-Dichloropropane	108		108		70-130	0		30
1,2-Dibromoethane	87		86		70-130	1		30
1,3-Dichloropropane	94		94		69-130	0		30
1,1,1,2-Tetrachloroethane	90		90		70-130	0		30
Bromobenzene	90		91		70-130	1		30
n-Butylbenzene	106		106		70-130	0		30
sec-Butylbenzene	104		105		70-130	1		30
tert-Butylbenzene	102		102		70-130	0		30
o-Chlorotoluene	101		103		70-130	2		30
p-Chlorotoluene	102		103		70-130	1		30
1,2-Dibromo-3-chloropropane	87		90		68-130	3		30
Hexachlorobutadiene	87		87		67-130	0		30
Isopropylbenzene	102		104		70-130	2		30
p-Isopropyltoluene	104		104		70-130	0		30
Naphthalene	102		105		70-130	3		30
Acrylonitrile	112		118		70-130	5		30
n-Propylbenzene	106		106		70-130	0		30
1,2,3-Trichlorobenzene	90		92		70-130	2		30
1,2,4-Trichlorobenzene	94		95		70-130	1		30
1,3,5-Trimethylbenzene	102		103		70-130	1		30
1,2,4-Trimethylbenzene	102		103		70-130	1		30
1,4-Dioxane	104		104		65-136	0		30
p-Diethylbenzene	98		98		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1293818-3 WG1293818-4								
p-Ethyltoluene	98		98		70-130	0		30
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		30
Ethyl ether	102		104		67-130	2		30
trans-1,4-Dichloro-2-butene	80		82		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	105		105		70-130
Dibromofluoromethane	92		92		70-130

SEMIVOLATILES

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01
Client ID: SB-2 (4')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 03:51
Analyst: CB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	24	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01 Date Collected: 10/03/19 12:30

Client ID: SB-2 (4') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	21	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	22	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	22	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01 Date Collected: 10/03/19 12:30

Client ID: SB-2 (4') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Tentatively Identified Compounds				
Total TIC Compounds	2240	J	ug/kg	1
Unknown	169	J	ug/kg	1
Unknown	234	J	ug/kg	1
Unknown	1420	J	ug/kg	1
Unknown	155	J	ug/kg	1
Unknown PAH	259	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	71		18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02 D
Client ID: SB-3 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 16:46
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4400		ug/kg	2800	360	20
1,2,4-Trichlorobenzene	ND		ug/kg	3500	400	20
Hexachlorobenzene	ND		ug/kg	2100	390	20
Bis(2-chloroethyl)ether	ND		ug/kg	3100	470	20
2-Chloronaphthalene	ND		ug/kg	3500	340	20
1,2-Dichlorobenzene	ND		ug/kg	3500	620	20
1,3-Dichlorobenzene	ND		ug/kg	3500	600	20
1,4-Dichlorobenzene	ND		ug/kg	3500	600	20
3,3'-Dichlorobenzidine	ND		ug/kg	3500	920	20
2,4-Dinitrotoluene	ND		ug/kg	3500	690	20
2,6-Dinitrotoluene	ND		ug/kg	3500	590	20
Fluoranthene	46000		ug/kg	2100	400	20
4-Chlorophenyl phenyl ether	ND		ug/kg	3500	370	20
4-Bromophenyl phenyl ether	ND		ug/kg	3500	530	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4200	590	20
Bis(2-chloroethoxy)methane	ND		ug/kg	3700	350	20
Hexachlorobutadiene	ND		ug/kg	3500	510	20
Hexachlorocyclopentadiene	ND		ug/kg	9900	3100	20
Hexachloroethane	ND		ug/kg	2800	560	20
Isophorone	ND		ug/kg	3100	450	20
Naphthalene	1500	J	ug/kg	3500	420	20
Nitrobenzene	ND		ug/kg	3100	510	20
NDPA/DPA	ND		ug/kg	2800	390	20
n-Nitrosodi-n-propylamine	ND		ug/kg	3500	530	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3500	1200	20
Butyl benzyl phthalate	ND		ug/kg	3500	870	20
Di-n-butylphthalate	ND		ug/kg	3500	660	20
Di-n-octylphthalate	ND		ug/kg	3500	1200	20

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02 D
Client ID: SB-3 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	3500	320	20
Dimethyl phthalate	ND		ug/kg	3500	730	20
Benzo(a)anthracene	19000		ug/kg	2100	390	20
Benzo(a)pyrene	20000		ug/kg	2800	840	20
Benzo(b)fluoranthene	23000		ug/kg	2100	580	20
Benzo(k)fluoranthene	7900		ug/kg	2100	550	20
Chrysene	20000		ug/kg	2100	360	20
Acenaphthylene	670	J	ug/kg	2800	530	20
Anthracene	9300		ug/kg	2100	680	20
Benzo(ghi)perylene	12000		ug/kg	2800	410	20
Fluorene	3200	J	ug/kg	3500	340	20
Phenanthrene	46000		ug/kg	2100	420	20
Dibenzo(a,h)anthracene	2300		ug/kg	2100	400	20
Indeno(1,2,3-cd)pyrene	12000		ug/kg	2800	480	20
Pyrene	43000		ug/kg	2100	340	20
Biphenyl	ND		ug/kg	7900	800	20
4-Chloroaniline	ND		ug/kg	3500	630	20
2-Nitroaniline	ND		ug/kg	3500	670	20
3-Nitroaniline	ND		ug/kg	3500	650	20
4-Nitroaniline	ND		ug/kg	3500	1400	20
Dibenzofuran	2500	J	ug/kg	3500	330	20
2-Methylnaphthalene	1200	J	ug/kg	4200	420	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3500	360	20
Acetophenone	ND		ug/kg	3500	430	20
2,4,6-Trichlorophenol	ND		ug/kg	2100	660	20
p-Chloro-m-cresol	ND		ug/kg	3500	520	20
2-Chlorophenol	ND		ug/kg	3500	410	20
2,4-Dichlorophenol	ND		ug/kg	3100	560	20
2,4-Dimethylphenol	ND		ug/kg	3500	1100	20
2-Nitrophenol	ND		ug/kg	7500	1300	20
4-Nitrophenol	ND		ug/kg	4800	1400	20
2,4-Dinitrophenol	ND		ug/kg	17000	1600	20
4,6-Dinitro-o-cresol	ND		ug/kg	9000	1700	20
Pentachlorophenol	ND		ug/kg	2800	760	20
Phenol	ND		ug/kg	3500	520	20
2-Methylphenol	ND		ug/kg	3500	540	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	5000	540	20

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02 D
Client ID: SB-3 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	3500	660	20
Benzoic Acid	ND		ug/kg	11000	3500	20
Benzyl Alcohol	ND		ug/kg	3500	1000	20
Carbazole	3500		ug/kg	3500	340	20
1,4-Dioxane	ND		ug/kg	520	160	20

Tentatively Identified Compounds				
Total TIC Compounds	98400	J	ug/kg	20
Unknown	10400	J	ug/kg	20
Unknown PAH	3840	J	ug/kg	20
Unknown PAH	5620	J	ug/kg	20
Unknown	5030	J	ug/kg	20
Unknown	5500	J	ug/kg	20
Unknown	8310	J	ug/kg	20
Unknown	10900	J	ug/kg	20
Unknown PAH	5350	J	ug/kg	20
Unknown Ketone	5900	J	ug/kg	20
Unknown PAH	7410	J	ug/kg	20
Unknown	4440	J	ug/kg	20
Unknown PAH	3980	J	ug/kg	20
Unknown PAH	12400	J	ug/kg	20
Unknown	3820	J	ug/kg	20
Unknown	5480	J	ug/kg	20

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02 D
Client ID: SB-3 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03 D
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 17:13
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	930	J	ug/kg	1600	210	10
1,2,4-Trichlorobenzene	ND		ug/kg	2000	230	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	270	10
2-Chloronaphthalene	ND		ug/kg	2000	200	10
1,2-Dichlorobenzene	ND		ug/kg	2000	360	10
1,3-Dichlorobenzene	ND		ug/kg	2000	340	10
1,4-Dichlorobenzene	ND		ug/kg	2000	350	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	530	10
2,4-Dinitrotoluene	ND		ug/kg	2000	400	10
2,6-Dinitrotoluene	ND		ug/kg	2000	340	10
Fluoranthene	18000		ug/kg	1200	230	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2400	340	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2200	200	10
Hexachlorobutadiene	ND		ug/kg	2000	290	10
Hexachlorocyclopentadiene	ND		ug/kg	5700	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	260	10
Naphthalene	350	J	ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	290	10
NDPA/DPA	ND		ug/kg	1600	230	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	310	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	690	10
Butyl benzyl phthalate	ND		ug/kg	2000	500	10
Di-n-butylphthalate	ND		ug/kg	2000	380	10
Di-n-octylphthalate	ND		ug/kg	2000	680	10

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03 D
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	2000	180	10
Dimethyl phthalate	ND		ug/kg	2000	420	10
Benzo(a)anthracene	9500		ug/kg	1200	220	10
Benzo(a)pyrene	8800		ug/kg	1600	490	10
Benzo(b)fluoranthene	11000		ug/kg	1200	340	10
Benzo(k)fluoranthene	3200		ug/kg	1200	320	10
Chrysene	10000		ug/kg	1200	210	10
Acenaphthylene	ND		ug/kg	1600	310	10
Anthracene	3300		ug/kg	1200	390	10
Benzo(ghi)perylene	4600		ug/kg	1600	230	10
Fluorene	1000	J	ug/kg	2000	190	10
Phenanthrene	15000		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	1100	J	ug/kg	1200	230	10
Indeno(1,2,3-cd)pyrene	4600		ug/kg	1600	280	10
Pyrene	19000		ug/kg	1200	200	10
Biphenyl	ND		ug/kg	4500	460	10
4-Chloroaniline	ND		ug/kg	2000	360	10
2-Nitroaniline	ND		ug/kg	2000	380	10
3-Nitroaniline	ND		ug/kg	2000	380	10
4-Nitroaniline	ND		ug/kg	2000	820	10
Dibenzofuran	510	J	ug/kg	2000	190	10
2-Methylnaphthalene	340	J	ug/kg	2400	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	210	10
Acetophenone	ND		ug/kg	2000	250	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	380	10
p-Chloro-m-cresol	ND		ug/kg	2000	300	10
2-Chlorophenol	ND		ug/kg	2000	240	10
2,4-Dichlorophenol	ND		ug/kg	1800	320	10
2,4-Dimethylphenol	ND		ug/kg	2000	660	10
2-Nitrophenol	ND		ug/kg	4300	750	10
4-Nitrophenol	ND		ug/kg	2800	810	10
2,4-Dinitrophenol	ND		ug/kg	9600	930	10
4,6-Dinitro-o-cresol	ND		ug/kg	5200	960	10
Pentachlorophenol	ND		ug/kg	1600	440	10
Phenol	ND		ug/kg	2000	300	10
2-Methylphenol	ND		ug/kg	2000	310	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2900	310	10

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03 D
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	2000	380	10
Benzoic Acid	ND		ug/kg	6400	2000	10
Benzyl Alcohol	ND		ug/kg	2000	610	10
Carbazole	490	J	ug/kg	2000	190	10
1,4-Dioxane	ND		ug/kg	300	92.	10

Tentatively Identified Compounds				
Total TIC Compounds	49500	J	ug/kg	10
Unknown PAH	5740	J	ug/kg	10
Unknown	4820	J	ug/kg	10
Unknown	2020	J	ug/kg	10
Unknown	4320	J	ug/kg	10
Unknown	5940	J	ug/kg	10
Unknown	1910	J	ug/kg	10
Unknown	4760	J	ug/kg	10
Unknown PAH	2230	J	ug/kg	10
Unknown PAH	3270	J	ug/kg	10
Unknown	3790	J	ug/kg	10
Unknown PAH	1820	J	ug/kg	10
Unknown PAH	2040	J	ug/kg	10
Unknown PAH	2330	J	ug/kg	10
Unknown PAH	2630	J	ug/kg	10
Unknown	1880	J	ug/kg	10

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03 D
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	61		18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04 D
Client ID: SB-5 (5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 17:39
Analyst: JG
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	9100		ug/kg	3600	470	20
1,2,4-Trichlorobenzene	ND		ug/kg	4500	520	20
Hexachlorobenzene	ND		ug/kg	2700	500	20
Bis(2-chloroethyl)ether	ND		ug/kg	4000	610	20
2-Chloronaphthalene	ND		ug/kg	4500	450	20
1,2-Dichlorobenzene	ND		ug/kg	4500	810	20
1,3-Dichlorobenzene	ND		ug/kg	4500	780	20
1,4-Dichlorobenzene	ND		ug/kg	4500	790	20
3,3'-Dichlorobenzidine	ND		ug/kg	4500	1200	20
2,4-Dinitrotoluene	ND		ug/kg	4500	900	20
2,6-Dinitrotoluene	ND		ug/kg	4500	770	20
Fluoranthene	91000		ug/kg	2700	520	20
4-Chlorophenyl phenyl ether	ND		ug/kg	4500	480	20
4-Bromophenyl phenyl ether	ND		ug/kg	4500	690	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	5400	770	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4900	450	20
Hexachlorobutadiene	ND		ug/kg	4500	660	20
Hexachlorocyclopentadiene	ND		ug/kg	13000	4100	20
Hexachloroethane	ND		ug/kg	3600	730	20
Isophorone	ND		ug/kg	4000	580	20
Naphthalene	2400	J	ug/kg	4500	550	20
Nitrobenzene	ND		ug/kg	4000	670	20
NDPA/DPA	ND		ug/kg	3600	510	20
n-Nitrosodi-n-propylamine	ND		ug/kg	4500	700	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	4500	1600	20
Butyl benzyl phthalate	ND		ug/kg	4500	1100	20
Di-n-butylphthalate	ND		ug/kg	4500	850	20
Di-n-octylphthalate	ND		ug/kg	4500	1500	20

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04 D
Client ID: SB-5 (5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	4500	420	20
Dimethyl phthalate	ND		ug/kg	4500	950	20
Benzo(a)anthracene	48000		ug/kg	2700	510	20
Benzo(a)pyrene	38000		ug/kg	3600	1100	20
Benzo(b)fluoranthene	44000		ug/kg	2700	760	20
Benzo(k)fluoranthene	19000		ug/kg	2700	720	20
Chrysene	42000		ug/kg	2700	470	20
Acenaphthylene	1400	J	ug/kg	3600	700	20
Anthracene	34000		ug/kg	2700	880	20
Benzo(ghi)perylene	15000		ug/kg	3600	530	20
Fluorene	14000		ug/kg	4500	440	20
Phenanthrene	89000		ug/kg	2700	550	20
Dibenzo(a,h)anthracene	5000		ug/kg	2700	520	20
Indeno(1,2,3-cd)pyrene	18000		ug/kg	3600	630	20
Pyrene	72000		ug/kg	2700	450	20
Biphenyl	ND		ug/kg	10000	1000	20
4-Chloroaniline	ND		ug/kg	4500	820	20
2-Nitroaniline	ND		ug/kg	4500	870	20
3-Nitroaniline	ND		ug/kg	4500	850	20
4-Nitroaniline	ND		ug/kg	4500	1900	20
Dibenzofuran	9400		ug/kg	4500	430	20
2-Methylnaphthalene	1600	J	ug/kg	5400	540	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4500	470	20
Acetophenone	ND		ug/kg	4500	560	20
2,4,6-Trichlorophenol	ND		ug/kg	2700	850	20
p-Chloro-m-cresol	ND		ug/kg	4500	670	20
2-Chlorophenol	ND		ug/kg	4500	530	20
2,4-Dichlorophenol	ND		ug/kg	4000	720	20
2,4-Dimethylphenol	ND		ug/kg	4500	1500	20
2-Nitrophenol	ND		ug/kg	9700	1700	20
4-Nitrophenol	ND		ug/kg	6300	1800	20
2,4-Dinitrophenol	ND		ug/kg	22000	2100	20
4,6-Dinitro-o-cresol	ND		ug/kg	12000	2200	20
Pentachlorophenol	ND		ug/kg	3600	990	20
Phenol	ND		ug/kg	4500	680	20
2-Methylphenol	ND		ug/kg	4500	700	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	6500	700	20

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04 D
Client ID: SB-5 (5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	4500	860	20
Benzoic Acid	ND		ug/kg	15000	4600	20
Benzyl Alcohol	ND		ug/kg	4500	1400	20
Carbazole	10000		ug/kg	4500	440	20
1,4-Dioxane	ND		ug/kg	680	210	20

Tentatively Identified Compounds				
Total TIC Compounds	196000	J	ug/kg	20
Unknown PAH	8040	J	ug/kg	20
Unknown PAH	10600	J	ug/kg	20
Unknown PAH	30800	J	ug/kg	20
Unknown	7830	J	ug/kg	20
Unknown PAH	7900	J	ug/kg	20
Unknown PAH	11300	J	ug/kg	20
Unknown PAH	17000	J	ug/kg	20
Unknown	7540	J	ug/kg	20
Unknown	15700	J	ug/kg	20
Unknown	19800	J	ug/kg	20
Unknown	8470	J	ug/kg	20
Unknown PAH	11400	J	ug/kg	20
Unknown PAH	20200	J	ug/kg	20
Unknown	8810	J	ug/kg	20
Unknown	10400	J	ug/kg	20

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04 D
Client ID: SB-5 (5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05
Client ID: SB-6 (2')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 04:15
Analyst: CB
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	310		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05 Date Collected: 10/03/19 10:15

Client ID: SB-6 (2') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	150		ug/kg	120	22.	1
Benzo(a)pyrene	150	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	210		ug/kg	120	34.	1
Benzo(k)fluoranthene	72	J	ug/kg	120	32.	1
Chrysene	160		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	100	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	140		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	25	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	160	28.	1
Pyrene	290		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05 Date Collected: 10/03/19 10:15

Client ID: SB-6 (2') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Tentatively Identified Compounds				
Total TIC Compounds	523	J	ug/kg	1
Unknown	293	J	ug/kg	1
Unknown	230	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	70		18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06
Client ID: SB-7 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 08:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 03:03
Analyst: CB
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06 Date Collected: 10/03/19 08:15

Client ID: SB-7 (6') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06 Date Collected: 10/03/19 08:15

Client ID: SB-7 (6') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	82		18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07
Client ID: SB-8 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 03:27
Analyst: CB
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	37	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07 Date Collected: 10/03/19 09:15

Client ID: SB-8 (3') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	24	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	34	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07 Date Collected: 10/03/19 09:15

Client ID: SB-8 (3') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1

Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	66		18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08
Client ID: SB-9 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 02:39
Analyst: CB
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08 Date Collected: 10/03/19 09:30

Client ID: SB-9 (13') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08 Date Collected: 10/03/19 09:30

Client ID: SB-9 (13') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	79		18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:45
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 04:39
Analyst: CB
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	29	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	510		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	51	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09 Date Collected: 10/03/19 10:45

Client ID: SB-10 (6') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	230		ug/kg	110	21.	1
Benzo(a)pyrene	240		ug/kg	150	45.	1
Benzo(b)fluoranthene	320		ug/kg	110	31.	1
Benzo(k)fluoranthene	130		ug/kg	110	30.	1
Chrysene	240		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	61	J	ug/kg	110	36.	1
Benzo(ghi)perylene	230		ug/kg	150	22.	1
Fluorene	35	J	ug/kg	190	18.	1
Phenanthrene	240		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	46	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	150	26.	1
Pyrene	440		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	19	J	ug/kg	190	18.	1
2-Methylnaphthalene	29	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09 Date Collected: 10/03/19 10:45

Client ID: SB-10 (6') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	20	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds				
Total TIC Compounds	336	J	ug/kg	1
Unknown	184	J	ug/kg	1
Unknown PAH	152	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	63		18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10
Client ID: SB-11 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 02:15
Analyst: CB
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10 Date Collected: 10/03/19 10:00

Client ID: SB-11 (8') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10 Date Collected: 10/03/19 10:00

Client ID: SB-11 (8') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	85		18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/19 00:38
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1292839-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/19 00:38
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1292839-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/19 00:38
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 10/05/19 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1292839-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	82		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1292839-2 WG1292839-3								
Acenaphthene	76		94		31-137	21		50
1,2,4-Trichlorobenzene	70		88		38-107	23		50
Hexachlorobenzene	83		104		40-140	22		50
Bis(2-chloroethyl)ether	67		83		40-140	21		50
2-Chloronaphthalene	80		99		40-140	21		50
1,2-Dichlorobenzene	68		89		40-140	27		50
1,3-Dichlorobenzene	67		85		40-140	24		50
1,4-Dichlorobenzene	67		84		28-104	23		50
3,3'-Dichlorobenzidine	76		90		40-140	17		50
2,4-Dinitrotoluene	85		108		40-132	24		50
2,6-Dinitrotoluene	88		113		40-140	25		50
Fluoranthene	79		100		40-140	23		50
4-Chlorophenyl phenyl ether	81		100		40-140	21		50
4-Bromophenyl phenyl ether	82		104		40-140	24		50
Bis(2-chloroisopropyl)ether	78		98		40-140	23		50
Bis(2-chloroethoxy)methane	70		83		40-117	17		50
Hexachlorobutadiene	67		85		40-140	24		50
Hexachlorocyclopentadiene	58		76		40-140	27		50
Hexachloroethane	62		78		40-140	23		50
Isophorone	71		87		40-140	20		50
Naphthalene	74		92		40-140	22		50
Nitrobenzene	67		85		40-140	24		50
NDPA/DPA	82		103		36-157	23		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1292839-2 WG1292839-3								
n-Nitrosodi-n-propylamine	69		85		32-121	21		50
Bis(2-ethylhexyl)phthalate	66		88		40-140	29		50
Butyl benzyl phthalate	72		89		40-140	21		50
Di-n-butylphthalate	72		90		40-140	22		50
Di-n-octylphthalate	68		83		40-140	20		50
Diethyl phthalate	76		96		40-140	23		50
Dimethyl phthalate	79		102		40-140	25		50
Benzo(a)anthracene	77		94		40-140	20		50
Benzo(a)pyrene	70		89		40-140	24		50
Benzo(b)fluoranthene	76		93		40-140	20		50
Benzo(k)fluoranthene	76		95		40-140	22		50
Chrysene	76		96		40-140	23		50
Acenaphthylene	80		101		40-140	23		50
Anthracene	78		98		40-140	23		50
Benzo(ghi)perylene	76		94		40-140	21		50
Fluorene	80		100		40-140	22		50
Phenanthrene	79		99		40-140	22		50
Dibenzo(a,h)anthracene	74		94		40-140	24		50
Indeno(1,2,3-cd)pyrene	76		95		40-140	22		50
Pyrene	79		97		35-142	20		50
Biphenyl	88		108		37-127	20		50
4-Chloroaniline	72		90		40-140	22		50
2-Nitroaniline	79		105		47-134	28		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1292839-2 WG1292839-3								
3-Nitroaniline	71		83		26-129	16		50
4-Nitroaniline	73		92		41-125	23		50
Dibenzofuran	78		97		40-140	22		50
2-Methylnaphthalene	78		96		40-140	21		50
1,2,4,5-Tetrachlorobenzene	87		107		40-117	21		50
Acetophenone	72		89		14-144	21		50
2,4,6-Trichlorophenol	81		103		30-130	24		50
p-Chloro-m-cresol	78		98		26-103	23		50
2-Chlorophenol	74		93		25-102	23		50
2,4-Dichlorophenol	74		92		30-130	22		50
2,4-Dimethylphenol	69		84		30-130	20		50
2-Nitrophenol	70		86		30-130	21		50
4-Nitrophenol	81		108		11-114	29		50
2,4-Dinitrophenol	67		87		4-130	26		50
4,6-Dinitro-o-cresol	79		103		10-130	26		50
Pentachlorophenol	77		102		17-109	28		50
Phenol	75		**94**	Q	26-90	22		50
2-Methylphenol	79		97		30-130.	20		50
3-Methylphenol/4-Methylphenol	75		91		30-130	19		50
2,4,5-Trichlorophenol	87		108		30-130	22		50
Benzoic Acid	52		70		10-110	30		50
Benzyl Alcohol	73		92		40-140	23		50
Carbazole	77		96		54-128	22		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1292839-2 WG1292839-3								
1,4-Dioxane	56		68		40-140	19		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		93		25-120
Phenol-d6	79		98		10-120
Nitrobenzene-d5	57		73		23-120
2-Fluorobiphenyl	67		83		30-120
2,4,6-Tribromophenol	86		105		10-136
4-Terphenyl-d14	68		83		18-120

PCBS

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01
Client ID: SB-2 (4')
Sample Location: NEW ROCHELLE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 17:13
Analyst: AWS
Percent Solids: 85%

Date Collected: 10/03/19 12:30
Date Received: 10/03/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	3.36	1	A
Aroclor 1221	ND		ug/kg	37.9	3.79	1	A
Aroclor 1232	ND		ug/kg	37.9	8.03	1	A
Aroclor 1242	ND		ug/kg	37.9	5.10	1	A
Aroclor 1248	ND		ug/kg	37.9	5.68	1	A
Aroclor 1254	ND		ug/kg	37.9	4.14	1	A
Aroclor 1260	ND		ug/kg	37.9	7.00	1	A
Aroclor 1262	ND		ug/kg	37.9	4.81	1	A
Aroclor 1268	ND		ug/kg	37.9	3.92	1	A
PCBs, Total	ND		ug/kg	37.9	3.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02
Client ID: SB-3 (3')
Sample Location: NEW ROCHELLE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 17:26
Analyst: AWS
Percent Solids: 94%

Date Collected: 10/03/19 12:15
Date Received: 10/03/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.50	1	A
Aroclor 1232	ND		ug/kg	34.9	7.40	1	A
Aroclor 1242	ND		ug/kg	34.9	4.70	1	A
Aroclor 1248	ND		ug/kg	34.9	5.23	1	A
Aroclor 1254	ND		ug/kg	34.9	3.82	1	A
Aroclor 1260	ND		ug/kg	34.9	6.45	1	A
Aroclor 1262	ND		ug/kg	34.9	4.43	1	A
Aroclor 1268	ND		ug/kg	34.9	3.62	1	A
PCBs, Total	ND		ug/kg	34.9	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 17:38
Analyst: AWS
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.6	3.52	1	A
Aroclor 1221	ND		ug/kg	39.6	3.97	1	A
Aroclor 1232	ND		ug/kg	39.6	8.39	1	A
Aroclor 1242	ND		ug/kg	39.6	5.34	1	A
Aroclor 1248	ND		ug/kg	39.6	5.94	1	A
Aroclor 1254	ND		ug/kg	39.6	4.33	1	A
Aroclor 1260	ND		ug/kg	39.6	7.32	1	B
Aroclor 1262	ND		ug/kg	39.6	5.03	1	A
Aroclor 1268	ND		ug/kg	39.6	4.10	1	A
PCBs, Total	ND		ug/kg	39.6	3.52	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04
Client ID: SB-5 (5')
Sample Location: NEW ROCHELLE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 17:50
Analyst: AWS
Percent Solids: 72%

Date Collected: 10/03/19 10:30
Date Received: 10/03/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	45.4	4.03	1	A
Aroclor 1221	ND		ug/kg	45.4	4.55	1	A
Aroclor 1232	ND		ug/kg	45.4	9.62	1	A
Aroclor 1242	ND		ug/kg	45.4	6.12	1	A
Aroclor 1248	ND		ug/kg	45.4	6.81	1	A
Aroclor 1254	ND		ug/kg	45.4	4.96	1	A
Aroclor 1260	ND		ug/kg	45.4	8.38	1	A
Aroclor 1262	ND		ug/kg	45.4	5.76	1	A
Aroclor 1268	ND		ug/kg	45.4	4.70	1	A
PCBs, Total	ND		ug/kg	45.4	4.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05
Client ID: SB-6 (2')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 18:02
Analyst: AWS
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.6	3.52	1	A
Aroclor 1221	ND		ug/kg	39.6	3.97	1	A
Aroclor 1232	ND		ug/kg	39.6	8.40	1	A
Aroclor 1242	ND		ug/kg	39.6	5.34	1	A
Aroclor 1248	ND		ug/kg	39.6	5.94	1	A
Aroclor 1254	ND		ug/kg	39.6	4.33	1	A
Aroclor 1260	ND		ug/kg	39.6	7.32	1	A
Aroclor 1262	ND		ug/kg	39.6	5.03	1	A
Aroclor 1268	ND		ug/kg	39.6	4.10	1	A
PCBs, Total	ND		ug/kg	39.6	3.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06
Client ID: SB-7 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 08:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 18:15
Analyst: AWS
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	3.42	1	A
Aroclor 1221	ND		ug/kg	38.6	3.86	1	A
Aroclor 1232	ND		ug/kg	38.6	8.18	1	A
Aroclor 1242	ND		ug/kg	38.6	5.20	1	A
Aroclor 1248	ND		ug/kg	38.6	5.78	1	A
Aroclor 1254	ND		ug/kg	38.6	4.22	1	A
Aroclor 1260	ND		ug/kg	38.6	7.13	1	A
Aroclor 1262	ND		ug/kg	38.6	4.90	1	A
Aroclor 1268	ND		ug/kg	38.6	4.00	1	A
PCBs, Total	ND		ug/kg	38.6	3.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07
Client ID: SB-8 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 18:27
Analyst: AWS
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.8	3.63	1	A
Aroclor 1221	ND		ug/kg	40.8	4.09	1	A
Aroclor 1232	ND		ug/kg	40.8	8.66	1	A
Aroclor 1242	ND		ug/kg	40.8	5.50	1	A
Aroclor 1248	ND		ug/kg	40.8	6.12	1	A
Aroclor 1254	ND		ug/kg	40.8	4.47	1	A
Aroclor 1260	ND		ug/kg	40.8	7.55	1	A
Aroclor 1262	ND		ug/kg	40.8	5.18	1	A
Aroclor 1268	ND		ug/kg	40.8	4.23	1	A
PCBs, Total	ND		ug/kg	40.8	3.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08
Client ID: SB-9 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 19:04
Analyst: AWS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.37	1	A
Aroclor 1221	ND		ug/kg	38.0	3.81	1	A
Aroclor 1232	ND		ug/kg	38.0	8.06	1	A
Aroclor 1242	ND		ug/kg	38.0	5.12	1	A
Aroclor 1248	ND		ug/kg	38.0	5.70	1	A
Aroclor 1254	ND		ug/kg	38.0	4.16	1	A
Aroclor 1260	ND		ug/kg	38.0	7.02	1	A
Aroclor 1262	ND		ug/kg	38.0	4.83	1	A
Aroclor 1268	ND		ug/kg	38.0	3.94	1	A
PCBs, Total	ND		ug/kg	38.0	3.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 18:39
Analyst: AWS
Percent Solids: 87%

Date Collected: 10/03/19 10:45
Date Received: 10/03/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.65	1	A
Aroclor 1232	ND		ug/kg	36.4	7.72	1	A
Aroclor 1242	ND		ug/kg	36.4	4.91	1	A
Aroclor 1248	ND		ug/kg	36.4	5.46	1	A
Aroclor 1254	ND		ug/kg	36.4	3.98	1	A
Aroclor 1260	ND		ug/kg	36.4	6.73	1	A
Aroclor 1262	ND		ug/kg	36.4	4.62	1	A
Aroclor 1268	ND		ug/kg	36.4	3.77	1	A
PCBs, Total	ND		ug/kg	36.4	3.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10
Client ID: SB-11 (8')
Sample Location: NEW ROCHELLE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/19 18:51
Analyst: AWS
Percent Solids: 93%

Date Collected: 10/03/19 10:00
Date Received: 10/03/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.21	1	A
Aroclor 1242	ND		ug/kg	34.0	4.59	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/07/19 19:16
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 10/06/19 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG1292848-1						
Aroclor 1016	ND		ug/kg	31.9	2.84	A
Aroclor 1221	ND		ug/kg	31.9	3.20	A
Aroclor 1232	ND		ug/kg	31.9	6.77	A
Aroclor 1242	ND		ug/kg	31.9	4.30	A
Aroclor 1248	ND		ug/kg	31.9	4.79	A
Aroclor 1254	ND		ug/kg	31.9	3.49	A
Aroclor 1260	ND		ug/kg	31.9	5.90	A
Aroclor 1262	ND		ug/kg	31.9	4.05	A
Aroclor 1268	ND		ug/kg	31.9	3.31	A
PCBs, Total	ND		ug/kg	31.9	2.84	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1292848-2 WG1292848-3									
Aroclor 1016	66		72		40-140	9		50	A
Aroclor 1260	68		77		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		71		30-150	A
Decachlorobiphenyl	58		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		70		30-150	B
Decachlorobiphenyl	61		74		30-150	B

PESTICIDES

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01
Client ID: SB-2 (4')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 17:56
Analyst: BM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/07/19 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.337	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.637	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.791	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.565	1	A
4,4'-DDE	ND		ug/kg	1.81	0.418	1	A
4,4'-DDD	ND		ug/kg	1.81	0.645	1	A
4,4'-DDT	ND		ug/kg	3.39	1.45	1	A
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.359	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	ND		ug/kg	2.26	0.630	1	A
trans-Chlordane	ND		ug/kg	2.26	0.597	1	A
Chlordane	ND		ug/kg	14.7	5.99	1	A

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01
Client ID: SB-2 (4')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	75		30-150	B
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	68		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02
Client ID: SB-3 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 01:50
Analyst: KB
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:17
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.679	0.304	1	A
Alpha-BHC	ND		ug/kg	0.679	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.618	1	A
Heptachlor	0.952	P	ug/kg	0.815	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.574	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.917	1	A
Endrin	ND		ug/kg	0.679	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.713	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	ND		ug/kg	1.63	0.377	1	A
4,4'-DDD	ND		ug/kg	1.63	0.582	1	A
4,4'-DDT	ND		ug/kg	3.06	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.385	1	A
Endosulfan II	ND		ug/kg	1.63	0.545	1	A
Endosulfan sulfate	ND		ug/kg	0.679	0.323	1	A
Methoxychlor	ND		ug/kg	3.06	0.951	1	A
Toxaphene	ND		ug/kg	30.6	8.56	1	A
cis-Chlordane	ND		ug/kg	2.04	0.568	1	A
trans-Chlordane	ND		ug/kg	2.04	0.538	1	A
Chlordane	ND		ug/kg	13.2	5.40	1	A

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02 Date Collected: 10/03/19 12:15

Client ID: SB-3 (3') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	139		30-150	B
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	**181**	Q	30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 02:03
Analyst: KB
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:17
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.764	0.342	1	A
Alpha-BHC	ND		ug/kg	0.764	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.696	1	A
Heptachlor	ND		ug/kg	0.917	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.764	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.803	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.15	0.573	1	A
4,4'-DDE	ND		ug/kg	1.83	0.424	1	A
4,4'-DDD	ND		ug/kg	1.83	0.654	1	A
4,4'-DDT	ND		ug/kg	3.44	1.48	1	A
Endosulfan I	ND		ug/kg	1.83	0.434	1	A
Endosulfan II	ND		ug/kg	1.83	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.764	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.63	1	A
cis-Chlordane	ND		ug/kg	2.29	0.639	1	A
trans-Chlordane	ND		ug/kg	2.29	0.606	1	A
Chlordane	ND		ug/kg	14.9	6.08	1	A

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04
Client ID: SB-5 (5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 02:16
Analyst: KB
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:17
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.14	0.418	1	A
Lindane	ND		ug/kg	0.891	0.398	1	A
Alpha-BHC	ND		ug/kg	0.891	0.253	1	A
Beta-BHC	ND		ug/kg	2.14	0.810	1	A
Heptachlor	ND		ug/kg	1.07	0.479	1	A
Aldrin	ND		ug/kg	2.14	0.752	1	A
Heptachlor epoxide	ND		ug/kg	4.01	1.20	1	A
Endrin	ND		ug/kg	0.891	0.365	1	A
Endrin aldehyde	ND		ug/kg	2.67	0.935	1	A
Endrin ketone	ND		ug/kg	2.14	0.550	1	A
Dieldrin	ND		ug/kg	1.34	0.668	1	A
4,4'-DDE	ND		ug/kg	2.14	0.494	1	A
4,4'-DDD	ND		ug/kg	2.14	0.762	1	A
4,4'-DDT	ND		ug/kg	4.01	1.72	1	A
Endosulfan I	ND		ug/kg	2.14	0.505	1	A
Endosulfan II	ND		ug/kg	2.14	0.714	1	A
Endosulfan sulfate	ND		ug/kg	0.891	0.424	1	A
Methoxychlor	ND		ug/kg	4.01	1.25	1	A
Toxaphene	ND		ug/kg	40.1	11.2	1	A
cis-Chlordane	ND		ug/kg	2.67	0.744	1	A
trans-Chlordane	ND		ug/kg	2.67	0.705	1	A
Chlordane	ND		ug/kg	17.4	7.08	1	A

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04 Date Collected: 10/03/19 10:30

Client ID: SB-5 (5') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	**387**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**286**	Q	30-150	A
Decachlorobiphenyl	**427**	Q	30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05
Client ID: SB-6 (2')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 02:29
Analyst: KB
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:17
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.771	0.345	1	A
Alpha-BHC	ND		ug/kg	0.771	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.702	1	A
Heptachlor	ND		ug/kg	0.925	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.771	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.810	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	ND		ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	ND		ug/kg	3.47	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.771	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.72	1	A
cis-Chlordane	ND		ug/kg	2.31	0.645	1	A
trans-Chlordane	ND		ug/kg	2.31	0.611	1	A
Chlordane	ND		ug/kg	15.0	6.13	1	A

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05
Client ID: SB-6 (2')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	72		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06
Client ID: SB-7 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 08:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 02:42
Analyst: KB
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:17
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.373	1	A
Lindane	ND		ug/kg	0.794	0.355	1	A
Alpha-BHC	ND		ug/kg	0.794	0.226	1	A
Beta-BHC	ND		ug/kg	1.90	0.723	1	A
Heptachlor	ND		ug/kg	0.953	0.427	1	A
Aldrin	ND		ug/kg	1.90	0.671	1	A
Heptachlor epoxide	ND		ug/kg	3.57	1.07	1	A
Endrin	ND		ug/kg	0.794	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.834	1	A
Endrin ketone	ND		ug/kg	1.90	0.491	1	A
Dieldrin	ND		ug/kg	1.19	0.596	1	A
4,4'-DDE	ND		ug/kg	1.90	0.441	1	A
4,4'-DDD	ND		ug/kg	1.90	0.680	1	A
4,4'-DDT	ND		ug/kg	3.57	1.53	1	A
Endosulfan I	ND		ug/kg	1.90	0.450	1	A
Endosulfan II	ND		ug/kg	1.90	0.637	1	A
Endosulfan sulfate	ND		ug/kg	0.794	0.378	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	10.0	1	A
cis-Chlordane	ND		ug/kg	2.38	0.664	1	A
trans-Chlordane	ND		ug/kg	2.38	0.629	1	A
Chlordane	ND		ug/kg	15.5	6.31	1	A

Project Name: 247 NORTH AVE. **Lab Number:** L1946080

Project Number: 10908:2 **Report Date:** 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06 Date Collected: 10/03/19 08:15

Client ID: SB-7 (6') Date Received: 10/03/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	60		30-150	B
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	44		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07
Client ID: SB-8 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 02:54
Analyst: KB
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:17
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.801	0.358	1	A
Alpha-BHC	ND		ug/kg	0.801	0.228	1	A
Beta-BHC	ND		ug/kg	1.92	0.729	1	A
Heptachlor	ND		ug/kg	0.961	0.431	1	A
Aldrin	ND		ug/kg	1.92	0.677	1	A
Heptachlor epoxide	ND		ug/kg	3.60	1.08	1	A
Endrin	ND		ug/kg	0.801	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.841	1	A
Endrin ketone	ND		ug/kg	1.92	0.495	1	A
Dieldrin	ND		ug/kg	1.20	0.601	1	A
4,4'-DDE	ND		ug/kg	1.92	0.445	1	A
4,4'-DDD	ND		ug/kg	1.92	0.686	1	A
4,4'-DDT	ND		ug/kg	3.60	1.55	1	A
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.642	1	A
Endosulfan sulfate	ND		ug/kg	0.801	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.670	1	A
trans-Chlordane	ND		ug/kg	2.40	0.634	1	A
Chlordane	ND		ug/kg	15.6	6.37	1	A

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07
Client ID: SB-8 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08
Client ID: SB-9 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 03:07
Analyst: KB
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:17
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.680	1	A
Heptachlor	ND		ug/kg	0.897	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.748	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.785	1	A
Endrin ketone	ND		ug/kg	1.79	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.561	1	A
4,4'-DDE	ND		ug/kg	1.79	0.415	1	A
4,4'-DDD	ND		ug/kg	1.79	0.640	1	A
4,4'-DDT	ND		ug/kg	3.36	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.424	1	A
Endosulfan II	ND		ug/kg	1.79	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.36	1.05	1	A
Toxaphene	ND		ug/kg	33.6	9.42	1	A
cis-Chlordane	ND		ug/kg	2.24	0.625	1	A
trans-Chlordane	ND		ug/kg	2.24	0.592	1	A
Chlordane	ND		ug/kg	14.6	5.94	1	A

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08
Client ID: SB-9 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:45
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 03:20
Analyst: KB
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:17
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.764	0.341	1	A
Alpha-BHC	ND		ug/kg	0.764	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.916	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.764	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.14	0.573	1	A
4,4'-DDE	ND		ug/kg	1.83	0.424	1	A
4,4'-DDD	ND		ug/kg	1.83	0.654	1	A
4,4'-DDT	ND		ug/kg	3.44	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.764	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.62	1	A
cis-Chlordane	ND		ug/kg	2.29	0.638	1	A
trans-Chlordane	ND		ug/kg	2.29	0.605	1	A
Chlordane	ND		ug/kg	14.9	6.07	1	A

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:45
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	64		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	47		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10
Client ID: SB-11 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 03:33
Analyst: KB
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:17
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.831	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.935	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.727	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	ND		ug/kg	3.12	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	ND		ug/kg	2.08	0.579	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.5	5.51	1	A

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10
Client ID: SB-11 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	46		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/07/19 13:39
Analyst: DGM

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:05
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-10 Batch: WG1292674-1						
Delta-BHC	ND		ug/kg	1.51	0.295	B
Lindane	ND		ug/kg	0.628	0.281	B
Alpha-BHC	ND		ug/kg	0.628	0.178	B
Beta-BHC	ND		ug/kg	1.51	0.571	B
Heptachlor	ND		ug/kg	0.753	0.338	B
Aldrin	ND		ug/kg	1.51	0.530	B
Heptachlor epoxide	ND		ug/kg	2.82	0.847	B
Endrin	ND		ug/kg	0.628	0.257	B
Endrin aldehyde	ND		ug/kg	1.88	0.659	B
Endrin ketone	ND		ug/kg	1.51	0.388	B
Dieldrin	ND		ug/kg	0.942	0.471	B
4,4'-DDE	ND		ug/kg	1.51	0.348	B
4,4'-DDD	ND		ug/kg	1.51	0.537	B
4,4'-DDT	ND		ug/kg	2.82	1.21	B
Endosulfan I	ND		ug/kg	1.51	0.356	B
Endosulfan II	ND		ug/kg	1.51	0.503	B
Endosulfan sulfate	ND		ug/kg	0.628	0.299	B
Methoxychlor	ND		ug/kg	2.82	0.879	B
Toxaphene	ND		ug/kg	28.2	7.91	B
cis-Chlordane	ND		ug/kg	1.88	0.525	B
trans-Chlordane	ND		ug/kg	1.88	0.497	B
Chlordane	ND		ug/kg	12.2	4.99	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/07/19 13:39
Analyst: DGM

Extraction Method: EPA 3546
Extraction Date: 10/05/19 06:05
Cleanup Method: EPA 3620B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-10 Batch: WG1292674-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	44		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/19 18:47
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 10/07/19 02:15
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1292909-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.650	0.290	A
Alpha-BHC	ND		ug/kg	0.650	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.591	A
Heptachlor	ND		ug/kg	0.780	0.350	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.877	A
Endrin	ND		ug/kg	0.650	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.682	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.975	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.910	A
Toxaphene	ND		ug/kg	29.2	8.19	A
cis-Chlordane	ND		ug/kg	1.95	0.543	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	12.7	5.16	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/19 18:47
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 10/07/19 02:15
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1292909-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	61		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	58		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-10 Batch: WG1292674-2 WG1292674-3									
Delta-BHC	47		48		30-150	2		30	B
Lindane	50		59		30-150	17		30	B
Alpha-BHC	52		60		30-150	14		30	B
Beta-BHC	44		51		30-150	15		30	B
Heptachlor	52		56		30-150	7		30	B
Aldrin	55		61		30-150	10		30	B
Heptachlor epoxide	53		52		30-150	2		30	B
Endrin	60		69		30-150	14		30	B
Endrin aldehyde	40		43		30-150	7		30	B
Endrin ketone	46		53		30-150	14		30	B
Dieldrin	59		68		30-150	14		30	B
4,4'-DDE	59		69		30-150	16		30	B
4,4'-DDD	54		62		30-150	14		30	B
4,4'-DDT	67		71		30-150	6		30	B
Endosulfan I	54		62		30-150	14		30	B
Endosulfan II	47		54		30-150	14		30	B
Endosulfan sulfate	34		40		30-150	16		30	B
Methoxychlor	44		55		30-150	22		30	B
cis-Chlordane	53		60		30-150	12		30	B
trans-Chlordane	57		64		30-150	12		30	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-10 Batch: WG1292674-2 WG1292674-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		67		30-150	B
Decachlorobiphenyl	80		96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	48		60		30-150	A
Decachlorobiphenyl	48		61		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1292909-2 WG1292909-3									
Delta-BHC	83		90		30-150	8		30	A
Lindane	80		86		30-150	7		30	A
Alpha-BHC	86		92		30-150	7		30	A
Beta-BHC	73		78		30-150	7		30	A
Heptachlor	80		88		30-150	10		30	A
Aldrin	77		83		30-150	8		30	A
Heptachlor epoxide	82		89		30-150	8		30	A
Endrin	76		80		30-150	5		30	A
Endrin aldehyde	45		45		30-150	0		30	A
Endrin ketone	70		72		30-150	3		30	A
Dieldrin	81		86		30-150	6		30	A
4,4'-DDE	76		81		30-150	6		30	A
4,4'-DDD	74		83		30-150	11		30	A
4,4'-DDT	78		81		30-150	4		30	A
Endosulfan I	73		77		30-150	5		30	A
Endosulfan II	73		79		30-150	8		30	A
Endosulfan sulfate	65		65		30-150	0		30	A
Methoxychlor	71		74		30-150	4		30	A
cis-Chlordane	66		70		30-150	6		30	A
trans-Chlordane	64		67		30-150	5		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1292909-2 WG1292909-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		67		30-150	B
Decachlorobiphenyl	55		57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		70		30-150	A
Decachlorobiphenyl	52		52		30-150	A

METALS

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01
Client ID: SB-2 (4')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/03/19 12:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9310		mg/kg	8.95	2.42	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.47	0.340	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Arsenic, Total	2.35		mg/kg	0.895	0.186	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Barium, Total	44.2		mg/kg	0.895	0.156	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Beryllium, Total	0.170	J	mg/kg	0.447	0.030	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Cadmium, Total	0.188	J	mg/kg	0.895	0.088	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Calcium, Total	1000		mg/kg	8.95	3.13	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Chromium, Total	14.6		mg/kg	0.895	0.086	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Cobalt, Total	5.19		mg/kg	1.79	0.148	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Copper, Total	7.78		mg/kg	0.895	0.231	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Iron, Total	11500		mg/kg	4.47	0.808	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Lead, Total	26.6		mg/kg	4.47	0.240	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Magnesium, Total	1830		mg/kg	8.95	1.38	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Manganese, Total	228		mg/kg	0.895	0.142	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Mercury, Total	0.113		mg/kg	0.073	0.048	1	10/04/19 07:20	10/04/19 16:01	EPA 7471B	1,7471B	GD
Nickel, Total	8.32		mg/kg	2.24	0.216	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Potassium, Total	611		mg/kg	224	12.9	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.79	0.231	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.895	0.253	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Sodium, Total	812		mg/kg	179	2.82	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.79	0.282	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Vanadium, Total	19.8		mg/kg	0.895	0.182	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC
Zinc, Total	25.1		mg/kg	4.47	0.262	2	10/04/19 23:10	10/08/19 20:57	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02
Client ID: SB-3 (3')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/03/19 12:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6660		mg/kg	8.21	2.22	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Antimony, Total	5.57		mg/kg	4.10	0.312	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Arsenic, Total	4.42		mg/kg	0.821	0.171	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Barium, Total	105		mg/kg	0.821	0.143	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.410	0.027	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Cadmium, Total	0.468	J	mg/kg	0.821	0.080	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Calcium, Total	6870		mg/kg	8.21	2.87	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Chromium, Total	14.4		mg/kg	0.821	0.079	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Cobalt, Total	5.51		mg/kg	1.64	0.136	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Copper, Total	27.6		mg/kg	0.821	0.212	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Iron, Total	11800		mg/kg	4.10	0.741	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Lead, Total	189		mg/kg	4.10	0.220	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Magnesium, Total	2080		mg/kg	8.21	1.26	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Manganese, Total	192		mg/kg	0.821	0.130	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Mercury, Total	0.196		mg/kg	0.067	0.044	1	10/04/19 07:20	10/04/19 16:04	EPA 7471B	1,7471B	GD
Nickel, Total	11.0		mg/kg	2.05	0.199	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Potassium, Total	1070		mg/kg	205	11.8	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Selenium, Total	0.336	J	mg/kg	1.64	0.212	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.821	0.232	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Sodium, Total	166		mg/kg	164	2.58	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.64	0.258	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Vanadium, Total	18.1		mg/kg	0.821	0.167	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC
Zinc, Total	86.1		mg/kg	4.10	0.240	2	10/04/19 23:10	10/08/19 21:19	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5900		mg/kg	9.18	2.48	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Antimony, Total	2.50	J	mg/kg	4.59	0.349	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Arsenic, Total	8.31		mg/kg	0.918	0.191	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Barium, Total	135		mg/kg	0.918	0.160	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Beryllium, Total	0.037	J	mg/kg	0.459	0.030	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Cadmium, Total	0.211	J	mg/kg	0.918	0.090	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Calcium, Total	6290		mg/kg	9.18	3.21	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Chromium, Total	11.6		mg/kg	0.918	0.088	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Cobalt, Total	4.68		mg/kg	1.84	0.152	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Copper, Total	21.0		mg/kg	0.918	0.237	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Iron, Total	7850		mg/kg	4.59	0.829	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Lead, Total	148		mg/kg	4.59	0.246	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Magnesium, Total	2260		mg/kg	9.18	1.41	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Manganese, Total	79.6		mg/kg	0.918	0.146	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Mercury, Total	0.817		mg/kg	0.077	0.050	1	10/04/19 07:20	10/04/19 16:07	EPA 7471B	1,7471B	GD
Nickel, Total	10.2		mg/kg	2.30	0.222	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Potassium, Total	840		mg/kg	230	13.2	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Selenium, Total	5.28		mg/kg	1.84	0.237	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.918	0.260	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Sodium, Total	320		mg/kg	184	2.89	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.84	0.289	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Vanadium, Total	17.1		mg/kg	0.918	0.186	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC
Zinc, Total	42.9		mg/kg	4.59	0.269	2	10/04/19 23:10	10/08/19 21:24	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04
Client ID: SB-5 (5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11100		mg/kg	10.6	2.87	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	5.32	0.404	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Arsenic, Total	4.80		mg/kg	1.06	0.221	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Barium, Total	128		mg/kg	1.06	0.185	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.532	0.035	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Cadmium, Total	0.330	J	mg/kg	1.06	0.104	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Calcium, Total	2380		mg/kg	10.6	3.72	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Chromium, Total	22.5		mg/kg	1.06	0.102	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Cobalt, Total	9.50		mg/kg	2.13	0.177	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Copper, Total	27.2		mg/kg	1.06	0.274	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Iron, Total	12500		mg/kg	5.32	0.961	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Lead, Total	257		mg/kg	5.32	0.285	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Magnesium, Total	3060		mg/kg	10.6	1.64	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Manganese, Total	104		mg/kg	1.06	0.169	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Mercury, Total	0.670		mg/kg	0.087	0.057	1	10/04/19 07:20	10/04/19 16:11	EPA 7471B	1,7471B	GD
Nickel, Total	15.9		mg/kg	2.66	0.257	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Potassium, Total	1850		mg/kg	266	15.3	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Selenium, Total	0.511	J	mg/kg	2.13	0.274	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	1.06	0.301	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Sodium, Total	480		mg/kg	213	3.35	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	2.13	0.335	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Vanadium, Total	31.8		mg/kg	1.06	0.216	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC
Zinc, Total	101		mg/kg	5.32	0.312	2	10/04/19 23:10	10/08/19 21:42	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05
Client ID: SB-6 (2')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/03/19 10:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7100		mg/kg	9.61	2.59	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Antimony, Total	2.20	J	mg/kg	4.80	0.365	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Arsenic, Total	9.38		mg/kg	0.961	0.200	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Barium, Total	125		mg/kg	0.961	0.167	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Beryllium, Total	0.106	J	mg/kg	0.480	0.032	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Cadmium, Total	0.279	J	mg/kg	0.961	0.094	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Calcium, Total	3860		mg/kg	9.61	3.36	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Chromium, Total	15.0		mg/kg	0.961	0.092	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Cobalt, Total	6.94		mg/kg	1.92	0.159	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Copper, Total	35.4		mg/kg	0.961	0.248	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Iron, Total	11500		mg/kg	4.80	0.868	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Lead, Total	222		mg/kg	4.80	0.258	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Magnesium, Total	2560		mg/kg	9.61	1.48	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Manganese, Total	184		mg/kg	0.961	0.153	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Mercury, Total	1.04		mg/kg	0.076	0.050	1	10/04/19 07:20	10/04/19 16:21	EPA 7471B	1,7471B	GD
Nickel, Total	16.4		mg/kg	2.40	0.232	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Potassium, Total	1330		mg/kg	240	13.8	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Selenium, Total	0.576	J	mg/kg	1.92	0.248	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.961	0.272	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Sodium, Total	214		mg/kg	192	3.03	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.92	0.303	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Vanadium, Total	21.4		mg/kg	0.961	0.195	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC
Zinc, Total	72.7		mg/kg	4.80	0.282	2	10/04/19 23:10	10/08/19 21:47	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06
Client ID: SB-7 (6')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/03/19 08:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8150		mg/kg	9.42	2.54	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.71	0.358	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Arsenic, Total	1.27		mg/kg	0.942	0.196	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Barium, Total	67.0		mg/kg	0.942	0.164	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.471	0.031	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Cadmium, Total	0.179	J	mg/kg	0.942	0.092	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Calcium, Total	1350		mg/kg	9.42	3.30	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Chromium, Total	22.2		mg/kg	0.942	0.091	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Cobalt, Total	5.89		mg/kg	1.88	0.156	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Copper, Total	11.4		mg/kg	0.942	0.243	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Iron, Total	10900		mg/kg	4.71	0.851	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Lead, Total	4.00	J	mg/kg	4.71	0.252	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Magnesium, Total	2530		mg/kg	9.42	1.45	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Manganese, Total	94.2		mg/kg	0.942	0.150	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.076	0.050	1	10/04/19 07:20	10/04/19 16:24	EPA 7471B	1,7471B	GD
Nickel, Total	12.6		mg/kg	2.36	0.228	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Potassium, Total	2940		mg/kg	236	13.6	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.88	0.243	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.942	0.267	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Sodium, Total	104	J	mg/kg	188	2.97	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.88	0.297	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Vanadium, Total	20.9		mg/kg	0.942	0.191	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC
Zinc, Total	45.9		mg/kg	4.71	0.276	2	10/04/19 23:10	10/08/19 21:51	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Lab Number: L1946080
Project Number: 10908:2
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07
Client ID: SB-8 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7820		mg/kg	9.50	2.57	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.75	0.361	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Arsenic, Total	1.51		mg/kg	0.950	0.198	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Barium, Total	66.8		mg/kg	0.950	0.165	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Beryllium, Total	0.276	J	mg/kg	0.475	0.031	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.950	0.093	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Calcium, Total	2440		mg/kg	9.50	3.33	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Chromium, Total	9.97		mg/kg	0.950	0.091	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Cobalt, Total	1.76	J	mg/kg	1.90	0.158	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Copper, Total	3.66		mg/kg	0.950	0.245	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Iron, Total	5130		mg/kg	4.75	0.858	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Lead, Total	10.4		mg/kg	4.75	0.255	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Magnesium, Total	1150		mg/kg	9.50	1.46	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Manganese, Total	42.0		mg/kg	0.950	0.151	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.079	0.052	1	10/04/19 07:20	10/04/19 16:27	EPA 7471B	1,7471B	GD
Nickel, Total	5.32		mg/kg	2.38	0.230	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Potassium, Total	508		mg/kg	238	13.7	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.90	0.245	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.950	0.269	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Sodium, Total	114	J	mg/kg	190	2.99	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.90	0.299	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Vanadium, Total	12.8		mg/kg	0.950	0.193	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC
Zinc, Total	13.9		mg/kg	4.75	0.278	2	10/04/19 23:10	10/08/19 21:56	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08
Client ID: SB-9 (13')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/03/19 09:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4290		mg/kg	9.03	2.44	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.52	0.343	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Arsenic, Total	0.741	J	mg/kg	0.903	0.188	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Barium, Total	46.1		mg/kg	0.903	0.157	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.452	0.030	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Cadmium, Total	0.135	J	mg/kg	0.903	0.089	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Calcium, Total	1170		mg/kg	9.03	3.16	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Chromium, Total	11.9		mg/kg	0.903	0.087	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Cobalt, Total	6.41		mg/kg	1.81	0.150	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Copper, Total	13.7		mg/kg	0.903	0.233	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Iron, Total	8480		mg/kg	4.52	0.816	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Lead, Total	2.93	J	mg/kg	4.52	0.242	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Magnesium, Total	2360		mg/kg	9.03	1.39	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Manganese, Total	122		mg/kg	0.903	0.144	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.073	0.048	1	10/04/19 07:20	10/04/19 16:31	EPA 7471B	1,7471B	GD
Nickel, Total	14.2		mg/kg	2.26	0.218	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Potassium, Total	2010		mg/kg	226	13.0	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.81	0.233	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.903	0.256	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Sodium, Total	105	J	mg/kg	181	2.84	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.81	0.284	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Vanadium, Total	14.2		mg/kg	0.903	0.183	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC
Zinc, Total	17.1		mg/kg	4.52	0.265	2	10/04/19 23:10	10/08/19 22:00	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/03/19 10:45
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	9.12	2.46	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.56	0.347	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Arsenic, Total	2.29		mg/kg	0.912	0.190	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Barium, Total	69.4		mg/kg	0.912	0.159	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Beryllium, Total	0.055	J	mg/kg	0.456	0.030	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Cadmium, Total	0.219	J	mg/kg	0.912	0.089	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Calcium, Total	1980		mg/kg	9.12	3.19	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Chromium, Total	21.1		mg/kg	0.912	0.088	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Cobalt, Total	6.09		mg/kg	1.82	0.151	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Copper, Total	14.0		mg/kg	0.912	0.235	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Iron, Total	12900		mg/kg	4.56	0.824	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Lead, Total	57.7		mg/kg	4.56	0.244	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Magnesium, Total	2530		mg/kg	9.12	1.40	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Manganese, Total	163		mg/kg	0.912	0.145	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.073	0.047	1	10/04/19 07:20	10/04/19 16:34	EPA 7471B	1,7471B	GD
Nickel, Total	10.1		mg/kg	2.28	0.221	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Potassium, Total	1490		mg/kg	228	13.1	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Selenium, Total	0.274	J	mg/kg	1.82	0.235	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.912	0.258	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Sodium, Total	196		mg/kg	182	2.87	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.82	0.287	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Vanadium, Total	27.4		mg/kg	0.912	0.185	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC
Zinc, Total	42.1		mg/kg	4.56	0.267	2	10/04/19 23:10	10/08/19 22:05	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10
Client ID: SB-11 (8')
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/03/19 10:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7400		mg/kg	8.28	2.24	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.14	0.315	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Arsenic, Total	0.994		mg/kg	0.828	0.172	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Barium, Total	79.4		mg/kg	0.828	0.144	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.414	0.027	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Cadmium, Total	0.199	J	mg/kg	0.828	0.081	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Calcium, Total	1560		mg/kg	8.28	2.90	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Chromium, Total	18.6		mg/kg	0.828	0.080	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Cobalt, Total	8.30		mg/kg	1.66	0.137	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Copper, Total	18.1		mg/kg	0.828	0.214	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Iron, Total	12700		mg/kg	4.14	0.748	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Lead, Total	3.45	J	mg/kg	4.14	0.222	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Magnesium, Total	3080		mg/kg	8.28	1.28	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Manganese, Total	169		mg/kg	0.828	0.132	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.068	0.044	1	10/04/19 07:20	10/04/19 16:37	EPA 7471B	1,7471B	GD
Nickel, Total	15.8		mg/kg	2.07	0.200	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Potassium, Total	3790		mg/kg	207	11.9	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.66	0.214	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.828	0.234	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Sodium, Total	167		mg/kg	166	2.61	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.66	0.261	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Vanadium, Total	25.8		mg/kg	0.828	0.168	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC
Zinc, Total	27.6		mg/kg	4.14	0.243	2	10/04/19 23:10	10/08/19 22:09	EPA 3050B	1,6010D	MC

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1292184-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/04/19 07:20	10/04/19 12:48	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1292548-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Antimony, Total	0.272	J	mg/kg	2.00	0.152	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Copper, Total	ND		mg/kg	0.400	0.103	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Iron, Total	0.524	J	mg/kg	2.00	0.361	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Potassium, Total	ND		mg/kg	100	5.76	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Sodium, Total	6.54	J	mg/kg	80.0	1.26	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/04/19 23:10	10/08/19 20:48	1,6010D	MC

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1292184-2 SRM Lot Number: D105-540								
Mercury, Total	110		-		60-141	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1292548-2 SRM Lot Number: D105-540					
Aluminum, Total	76	-	51-149	-	
Antimony, Total	154	-	19-249	-	
Arsenic, Total	117	-	70-130	-	
Barium, Total	109	-	75-125	-	
Beryllium, Total	107	-	75-125	-	
Cadmium, Total	107	-	75-125	-	
Calcium, Total	94	-	73-127	-	
Chromium, Total	108	-	70-130	-	
Cobalt, Total	104	-	75-125	-	
Copper, Total	107	-	75-125	-	
Iron, Total	110	-	38-162	-	
Lead, Total	107	-	71-128	-	
Magnesium, Total	91	-	63-137	-	
Manganese, Total	99	-	76-124	-	
Nickel, Total	106	-	70-131	-	
Potassium, Total	92	-	60-140	-	
Selenium, Total	111	-	63-137	-	
Silver, Total	110	-	69-131	-	
Sodium, Total	94	-	37-162	-	
Thallium, Total	107	-	68-132	-	
Vanadium, Total	114	-	65-135	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1292548-2 SRM Lot Number: D105-540					
Zinc, Total	108	-	70-130	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1292184-3 QC Sample: L1946189-01 Client ID: MS Sample												
Mercury, Total	0.057J	0.153	0.239	**156**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1292548-3 QC Sample: L1946080-01 Client ID: SB-2 (4')										
Aluminum, Total	9310	188	10200	**474**	Q	-	-	75-125	-	20
Antimony, Total	ND	46.9	40.1	86		-	-	75-125	-	20
Arsenic, Total	2.35	11.2	13.4	98		-	-	75-125	-	20
Barium, Total	44.2	188	228	98		-	-	75-125	-	20
Beryllium, Total	0.170J	4.69	4.39	94		-	-	75-125	-	20
Cadmium, Total	0.188J	4.78	4.50	94		-	-	75-125	-	20
Calcium, Total	1000	938	1820	87		-	-	75-125	-	20
Chromium, Total	14.6	18.8	31.2	88		-	-	75-125	-	20
Cobalt, Total	5.19	46.9	45.4	86		-	-	75-125	-	20
Copper, Total	7.78	23.4	28.9	90		-	-	75-125	-	20
Iron, Total	11500	93.8	12700	**1280**	Q	-	-	75-125	-	20
Lead, Total	26.6	47.8	77.7	107		-	-	75-125	-	20
Magnesium, Total	1830	938	2610	83		-	-	75-125	-	20
Manganese, Total	228	46.9	436	**444**	Q	-	-	75-125	-	20
Nickel, Total	8.32	46.9	48.6	86		-	-	75-125	-	20
Potassium, Total	611	938	1550	100		-	-	75-125	-	20
Selenium, Total	ND	11.2	10.5	93		-	-	75-125	-	20
Silver, Total	ND	28.1	26.2	93		-	-	75-125	-	20
Sodium, Total	812	938	1700	95		-	-	75-125	-	20
Thallium, Total	ND	11.2	8.82	78		-	-	75-125	-	20
Vanadium, Total	19.8	46.9	64.2	95		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1292548-3 QC Sample: L1946080-01 Client ID: SB-2 (4')									
Zinc, Total	25.1	46.9	67.6	91	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 247 NORTH AVE.

Project Number: 10908:2

Lab Number: L1946080

Report Date: 10/10/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1292184-4 QC Sample: L1946189-01 Client ID: DUP Sample						
Mercury, Total	0.057J	0.066J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1292548-4 QC Sample: L1946080-01 Client ID: SB-2 (4')						
Aluminum, Total	9310	9400	mg/kg	1		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.35	2.53	mg/kg	7		20
Barium, Total	44.2	46.7	mg/kg	6		20
Beryllium, Total	0.170J	0.136J	mg/kg	NC		20
Cadmium, Total	0.188J	0.191J	mg/kg	NC		20
Calcium, Total	1000	1050	mg/kg	5		20
Chromium, Total	14.6	15.5	mg/kg	6		20
Cobalt, Total	5.19	5.34	mg/kg	3		20
Copper, Total	7.78	8.39	mg/kg	8		20
Iron, Total	11500	12200	mg/kg	6		20
Lead, Total	26.6	26.7	mg/kg	0		20
Magnesium, Total	1830	1900	mg/kg	4		20
Manganese, Total	228	234	mg/kg	3		20
Nickel, Total	8.32	8.46	mg/kg	2		20
Potassium, Total	611	753	mg/kg	**21**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	812	822	mg/kg	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 247 NORTH AVE.

Project Number: 10908:2

Lab Number: L1946080

Report Date: 10/10/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1292548-4 QC Sample: L1946080-01 Client ID: SB-2 (4')					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	19.8	21.2	mg/kg	7	20
Zinc, Total	25.1	26.3	mg/kg	5	20

INORGANICS
&
MISCELLANEOUS

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-01
Client ID: SB-2 (4')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/04/19 17:50	10/07/19 11:22	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-02
Client ID: SB-3 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.0	0.21	1	10/04/19 17:50	10/07/19 11:26	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-03
Client ID: SB-4 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 12:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.2	0.26	1	10/04/19 17:50	10/07/19 11:27	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-04
Client ID: SB-5 (5')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.3		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.3	0.27	1	10/04/19 17:50	10/07/19 11:28	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-05
Client ID: SB-6 (2')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/04/19 17:50	10/07/19 11:29	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-06
Client ID: SB-7 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 08:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.2	0.25	1	10/04/19 17:50	10/07/19 11:30	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-07
Client ID: SB-8 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:15
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.1		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.2	0.24	1	10/04/19 17:50	10/07/19 11:31	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-08
Client ID: SB-9 (13')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 09:30
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.1	0.23	1	10/04/19 17:50	10/07/19 11:34	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-09
Client ID: SB-10 (6')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:45
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.1	0.22	1	10/04/19 17:50	10/07/19 11:35	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

SAMPLE RESULTS

Lab ID: L1946080-10
Client ID: SB-11 (8')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/03/19 10:00
Date Received: 10/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	10/04/19 05:45	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/04/19 17:50	10/07/19 11:36	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946080
Report Date: 10/10/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1292472-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	10/04/19 17:50	10/07/19 10:34	1,9010C/9012B	LH

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1292472-2 WG1292472-3								
Cyanide, Total	**48**	Q	**35**	Q	80-120	31		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1292472-4 WG1292472-5 QC Sample: L1946080-01 Client ID: SB-2 (4')												
Cyanide, Total	ND	11	10	91		10	92		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 247 NORTH AVE.

Project Number: 10908:2

Lab Number: L1946080

Report Date: 10/10/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1292132-1 QC Sample: L1946021-01 Client ID: DUP Sample						
Solids, Total	79.1	77.0	%	3		20

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

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(*)
L1946080-01A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-01B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-01C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L1946080-01E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1946080-01F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-01X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-01Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-01Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-02A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-02B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-02C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L1946080-02E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1946080-02F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-02X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-02Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1946080-02Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-03A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-03B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-03C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L1946080-03E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1946080-03F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-03X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-03Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-03Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-04A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-04B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-04C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1946080-04E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1946080-04F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-04X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-04Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-04Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-05A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-05B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-05C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1946080-05D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L1946080-05E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1946080-05F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-05X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-05Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-05Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-06A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-06B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-06C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-06D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L1946080-06E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1946080-06F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-06X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-06Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-06Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-07A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-07B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-07C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-07D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L1946080-07E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1946080-07F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-07X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-07Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-07Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-08A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-08B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-08C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-08D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L1946080-08E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1946080-08F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-08X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-08Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-08Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-09A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-09B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-09C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-09D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L1946080-09E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1946080-09F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-09X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-09Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-09Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946080
Report Date: 10/10/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1946080-10A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-10B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-10C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-10D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L1946080-10E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1946080-10F	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1946080-10X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1946080-10Y	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)
L1946080-10Z	Vial Water preserved split	A	NA		3.5	Y	Absent	04-OCT-19 06:18	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	247 NORTH AVE.	**Lab Number:**	L1946080
Project Number:	10908:2	**Report Date:**	10/10/19

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: DU Report with 'J' Qualifiers

Project Name:	247 NORTH AVE.	**Lab Number:**	L1946080
Project Number:	10908:2	**Report Date:**	10/10/19

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 acetone is introduced in the process.

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. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. 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 method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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: DU Report with 'J' Qualifiers

Project Name:	247 NORTH AVE.	**Lab Number:**	L1946080
Project Number:	10908:2	**Report Date:**	10/10/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/3/19

ALPHA Job #: L1946080

Project Information
Project Name: 247 North Ave
Project Location: New Rochelle, NY
Project # 10908.2
(Use Project name as Project #) ☐
Project Manager: Jesse Mausner
ALPHAQuote #:

Client Information
Client: JESI
Address: 12A Maple Ave
Phone: 973-808-9050
Fax:
Email: jam@jesi.org

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ 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	TCL+30/TAL,Pb								Sample Specific Comments	Total Bottle
46080-01	SB-2(4')	10/3/19	12:30	S	TP	✓									
02	SB-3(3')		12:15			✓									
03	SB-4(3')		12:00			✓									
04	SB-5(5')		10:30			✓									
05	SB-6(2')		10:15			✓									
06	SB-7(6')		8:15			✓									
07	SB-8(3')		9:15			✓									
08	SB-9(13')		9:30			✓									
09	SB-10(6')		10:45			✓									
10	SB-11(8')		10:00			✓									

Container Type: A, E, P
Preservative:

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Taijlator	10/3 3:30	[illegible]	10/3/19 14:30
[illegible]	10/3/19 16:14	[illegible]	10/3/19 16:45
[illegible] 10/3/19 21:45		[illegible]	10/3/19 21:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1946402
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	247 NORTH AVE.
Project Number:	10908:2
Report Date:	10/11/19

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: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1946402-01	SB-1 (3')	SOIL	NEW ROCHELLE, NY	10/04/19 10:00	10/04/19

Project Name:	247 NORTH AVE.	**Lab Number:**	L1946402
Project Number:	10908:2	**Report Date:**	10/11/19

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:	247 NORTH AVE.	**Lab Number:**	L1946402
Project Number:	10908:2	**Report Date:**	10/11/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

Total Metals

L1946402-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1293267-3 MS recoveries for aluminum (582%) and iron (0%), performed on L1946402-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1293267-3 MS recovery, performed on L1946402-01, is outside the acceptance criteria for magnesium (32%). A post digestion spike was performed and yielded an unacceptable recovery for magnesium (175%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1293267-4 Laboratory Duplicate RPDs for copper (21%), lead (71%), magnesium (27%), manganese (82%) and nickel (21%), performed on L1946402-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

Cyanide, Total

The WG1292825-2/-3 LCS/LCSD recoveries (44%/51%), associated with L1946402-01, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/11/19

ORGANICS

VOLATILES

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01
Client ID: SB-1 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:00
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/19 22:12
Analyst: NLK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.16	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946402

Project Number: 10908:2 **Report Date:** 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01 Date Collected: 10/04/19 10:00

Client ID: SB-1 (3') Date Received: 10/04/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946402

Project Number: 10908:2 **Report Date:** 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01 Date Collected: 10/04/19 10:00

Client ID: SB-1 (3') Date Received: 10/04/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	95		70-130

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/19 20:56
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1294521-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/19 20:56
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1294521-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/19 20:56
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1294521-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/19 20:56
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1294521-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1294521-3 WG1294521-4								
Methylene chloride	95		87		70-130	9		30
1,1-Dichloroethane	100		95		70-130	5		30
Chloroform	96		89		70-130	8		30
Carbon tetrachloride	88		80		70-130	10		30
1,2-Dichloropropane	102		97		70-130	5		30
Dibromochloromethane	85		83		70-130	2		30
1,1,2-Trichloroethane	96		93		70-130	3		30
Tetrachloroethene	88		83		70-130	6		30
Chlorobenzene	94		88		70-130	7		30
Trichlorofluoromethane	102		91		70-139	11		30
1,2-Dichloroethane	99		94		70-130	5		30
1,1,1-Trichloroethane	96		87		70-130	10		30
Bromodichloromethane	95		90		70-130	5		30
trans-1,3-Dichloropropene	91		87		70-130	4		30
cis-1,3-Dichloropropene	96		92		70-130	4		30
1,1-Dichloropropene	101		92		70-130	9		30
Bromoform	75		76		70-130	1		30
1,1,2,2-Tetrachloroethane	94		92		70-130	2		30
Benzene	99		90		70-130	10		30
Toluene	96		90		70-130	6		30
Ethylbenzene	94		88		70-130	7		30
Chloromethane	99		90		52-130	10		30
Bromomethane	103		94		57-147	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1294521-3 WG1294521-4								
Vinyl chloride	106		97		67-130	9		30
Chloroethane	105		97		50-151	8		30
1,1-Dichloroethene	93		84		65-135	10		30
trans-1,2-Dichloroethene	95		87		70-130	9		30
Trichloroethene	97		90		70-130	7		30
1,2-Dichlorobenzene	92		88		70-130	4		30
1,3-Dichlorobenzene	92		88		70-130	4		30
1,4-Dichlorobenzene	90		86		70-130	5		30
Methyl tert butyl ether	90		87		66-130	3		30
p/m-Xylene	94		89		70-130	5		30
o-Xylene	93		88		70-130	6		30
cis-1,2-Dichloroethene	97		91		70-130	6		30
Dibromomethane	94		91		70-130	3		30
Styrene	91		87		70-130	4		30
Dichlorodifluoromethane	94		83		30-146	12		30
Acetone	88		82		54-140	7		30
Carbon disulfide	92		84		59-130	9		30
2-Butanone	**62**	Q	**57**	Q	70-130	8		30
Vinyl acetate	94		90		70-130	4		30
4-Methyl-2-pentanone	85		84		70-130	1		30
1,2,3-Trichloropropane	95		91		68-130	4		30
2-Hexanone	73		71		70-130	3		30
Bromochloromethane	96		92		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1294521-3 WG1294521-4								
2,2-Dichloropropane	91		83		70-130	9		30
1,2-Dibromoethane	91		89		70-130	2		30
1,3-Dichloropropane	97		94		69-130	3		30
1,1,1,2-Tetrachloroethane	87		82		70-130	6		30
Bromobenzene	90		87		70-130	3		30
n-Butylbenzene	96		89		70-130	8		30
sec-Butylbenzene	95		88		70-130	8		30
tert-Butylbenzene	92		84		70-130	9		30
o-Chlorotoluene	95		90		70-130	5		30
p-Chlorotoluene	93		88		70-130	6		30
1,2-Dibromo-3-chloropropane	76		73		68-130	4		30
Hexachlorobutadiene	82		74		67-130	10		30
Isopropylbenzene	93		86		70-130	8		30
p-Isopropyltoluene	92		85		70-130	8		30
Naphthalene	85		82		70-130	4		30
Acrylonitrile	89		82		70-130	8		30
n-Propylbenzene	96		89		70-130	8		30
1,2,3-Trichlorobenzene	83		80		70-130	4		30
1,2,4-Trichlorobenzene	84		81		70-130	4		30
1,3,5-Trimethylbenzene	92		87		70-130	6		30
1,2,4-Trimethylbenzene	93		87		70-130	7		30
1,4-Dioxane	85		83		65-136	2		30
p-Diethylbenzene	90		83		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1294521-3 WG1294521-4								
p-Ethyltoluene	94		88		70-130	7		30
1,2,4,5-Tetramethylbenzene	86		81		70-130	6		30
Ethyl ether	97		85		67-130	13		30
trans-1,4-Dichloro-2-butene	86		83		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	96		94		70-130

SEMIVOLATILES

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01
Client ID: SB-1 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:00
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/09/19 05:29
Analyst: CB
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/06/19 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 247 NORTH AVE. **Lab Number:** L1946402

Project Number: 10908:2 **Report Date:** 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01 Date Collected: 10/04/19 10:00

Client ID: SB-1 (3') Date Received: 10/04/19

Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 247 NORTH AVE.
Lab Number: L1946402
Project Number: 10908:2
Report Date: 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01
Client ID: SB-1 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:00
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	43		18-120

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/19 22:44
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/06/19 22:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1292893-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/19 22:44
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/06/19 22:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1292893-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/19 22:44
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/06/19 22:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1292893-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	61		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1292893-2 WG1292893-3								
Acenaphthene	62		69		31-137	11		50
1,2,4-Trichlorobenzene	58		67		38-107	14		50
Hexachlorobenzene	64		73		40-140	13		50
Bis(2-chloroethyl)ether	62		80		40-140	25		50
2-Chloronaphthalene	60		68		40-140	13		50
1,2-Dichlorobenzene	63		72		40-140	13		50
1,3-Dichlorobenzene	57		67		40-140	16		50
1,4-Dichlorobenzene	58		68		28-104	16		50
3,3'-Dichlorobenzidine	50		60		40-140	18		50
2,4-Dinitrotoluene	75		84		40-132	11		50
2,6-Dinitrotoluene	69		80		40-140	15		50
Fluoranthene	63		74		40-140	16		50
4-Chlorophenyl phenyl ether	59		67		40-140	13		50
4-Bromophenyl phenyl ether	63		70		40-140	11		50
Bis(2-chloroisopropyl)ether	49		57		40-140	15		50
Bis(2-chloroethoxy)methane	63		74		40-117	16		50
Hexachlorobutadiene	57		67		40-140	16		50
Hexachlorocyclopentadiene	43		49		40-140	13		50
Hexachloroethane	61		71		40-140	15		50
Isophorone	65		76		40-140	16		50
Naphthalene	61		70		40-140	14		50
Nitrobenzene	64		79		40-140	21		50
NDPA/DPA	65		74		36-157	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1292893-2 WG1292893-3								
n-Nitrosodi-n-propylamine	66		77		32-121	15		50
Bis(2-ethylhexyl)phthalate	71		82		40-140	14		50
Butyl benzyl phthalate	73		89		40-140	20		50
Di-n-butylphthalate	74		88		40-140	17		50
Di-n-octylphthalate	78		92		40-140	16		50
Diethyl phthalate	67		76		40-140	13		50
Dimethyl phthalate	62		74		40-140	18		50
Benzo(a)anthracene	67		77		40-140	14		50
Benzo(a)pyrene	60		68		40-140	13		50
Benzo(b)fluoranthene	60		70		40-140	15		50
Benzo(k)fluoranthene	63		73		40-140	15		50
Chrysene	60		69		40-140	14		50
Acenaphthylene	60		68		40-140	13		50
Anthracene	65		75		40-140	14		50
Benzo(ghi)perylene	66		78		40-140	17		50
Fluorene	64		73		40-140	13		50
Phenanthrene	62		71		40-140	14		50
Dibenzo(a,h)anthracene	68		80		40-140	16		50
Indeno(1,2,3-cd)pyrene	73		84		40-140	14		50
Pyrene	62		71		35-142	14		50
Biphenyl	65		74		37-127	13		50
4-Chloroaniline	**37**	Q	**26**	Q	40-140	35		50
2-Nitroaniline	70		81		47-134	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1292893-2 WG1292893-3								
3-Nitroaniline	56		63		26-129	12		50
4-Nitroaniline	61		72		41-125	17		50
Dibenzofuran	64		73		40-140	13		50
2-Methylnaphthalene	61		69		40-140	12		50
1,2,4,5-Tetrachlorobenzene	62		72		40-117	15		50
Acetophenone	69		80		14-144	15		50
2,4,6-Trichlorophenol	66		75		30-130	13		50
p-Chloro-m-cresol	67		76		26-103	13		50
2-Chlorophenol	70		81		25-102	15		50
2,4-Dichlorophenol	67		78		30-130	15		50
2,4-Dimethylphenol	63		75		30-130	17		50
2-Nitrophenol	71		84		30-130	17		50
4-Nitrophenol	72		83		11-114	14		50
2,4-Dinitrophenol	56		69		4-130	21		50
4,6-Dinitro-o-cresol	80		94		10-130	16		50
Pentachlorophenol	54		64		17-109	17		50
Phenol	63		75		26-90	17		50
2-Methylphenol	71		82		30-130.	14		50
3-Methylphenol/4-Methylphenol	75		85		30-130	13		50
2,4,5-Trichlorophenol	69		79		30-130	14		50
Benzoic Acid	21		31		10-110	38		50
Benzyl Alcohol	50		59		40-140	17		50
Carbazole	66		76		54-128	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1292893-2 WG1292893-3								
1,4-Dioxane	51		58		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		77		25-120
Phenol-d6	66		79		10-120
Nitrobenzene-d5	62		71		23-120
2-Fluorobiphenyl	55		61		30-120
2,4,6-Tribromophenol	62		75		10-136
4-Terphenyl-d14	56		66		18-120

PCBS

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01
Client ID: SB-1 (3')
Sample Location: NEW ROCHELLE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/19 08:58
Analyst: WR
Percent Solids: 90%

Date Collected: 10/04/19 10:00
Date Received: 10/04/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/06/19 18:43
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	3.20	1	A
Aroclor 1221	ND		ug/kg	36.1	3.62	1	A
Aroclor 1232	ND		ug/kg	36.1	7.65	1	A
Aroclor 1242	ND		ug/kg	36.1	4.87	1	A
Aroclor 1248	ND		ug/kg	36.1	5.41	1	A
Aroclor 1254	ND		ug/kg	36.1	3.95	1	A
Aroclor 1260	ND		ug/kg	36.1	6.67	1	A
Aroclor 1262	ND		ug/kg	36.1	4.58	1	A
Aroclor 1268	ND		ug/kg	36.1	3.74	1	A
PCBs, Total	ND		ug/kg	36.1	3.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/08/19 05:05
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 10/06/19 18:42
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1292881-1						
Aroclor 1016	ND		ug/kg	32.2	2.86	A
Aroclor 1221	ND		ug/kg	32.2	3.22	A
Aroclor 1232	ND		ug/kg	32.2	6.82	A
Aroclor 1242	ND		ug/kg	32.2	4.34	A
Aroclor 1248	ND		ug/kg	32.2	4.83	A
Aroclor 1254	ND		ug/kg	32.2	3.52	A
Aroclor 1260	ND		ug/kg	32.2	5.94	A
Aroclor 1262	ND		ug/kg	32.2	4.09	A
Aroclor 1268	ND		ug/kg	32.2	3.33	A
PCBs, Total	ND		ug/kg	32.2	2.86	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	70		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1292881-2 WG1292881-3									
Aroclor 1016	78		80		40-140	3		50	A
Aroclor 1260	73		76		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		68		30-150	A
Decachlorobiphenyl	70		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		68		30-150	B
Decachlorobiphenyl	73		70		30-150	B

PESTICIDES

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01
Client ID: SB-1 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:00
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/19 21:46
Analyst: SL/SM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/06/19 20:13
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.603	1	A
4,4'-DDT	ND		ug/kg	3.17	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.987	1	A
Toxaphene	ND		ug/kg	31.7	8.88	1	A
cis-Chlordane	ND		ug/kg	2.12	0.589	1	A
trans-Chlordane	ND		ug/kg	2.12	0.558	1	A
Chlordane	ND		ug/kg	13.7	5.60	1	A

Project Name: 247 NORTH AVE.
Lab Number: L1946402
Project Number: 10908:2
Report Date: 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01
Client ID: SB-1 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:00
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/19 17:47
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 10/06/19 20:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1292887-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.649	0.290	A
Alpha-BHC	ND		ug/kg	0.649	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.590	A
Heptachlor	ND		ug/kg	0.779	0.349	A
Aldrin	ND		ug/kg	1.56	0.548	A
Heptachlor epoxide	ND		ug/kg	2.92	0.876	A
Endrin	ND		ug/kg	0.649	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.681	A
Endrin ketone	ND		ug/kg	1.56	0.401	A
Dieldrin	ND		ug/kg	0.973	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.555	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.520	A
Endosulfan sulfate	ND		ug/kg	0.649	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.908	A
Toxaphene	ND		ug/kg	29.2	8.18	A
cis-Chlordane	ND		ug/kg	1.95	0.542	A
trans-Chlordane	ND		ug/kg	1.95	0.514	A
Chlordane	ND		ug/kg	12.6	5.16	A

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/19 17:47
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 10/06/19 20:12
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1292887-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	98		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	54		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1292887-2 WG1292887-3									
Delta-BHC	76		75		30-150	1		30	A
Lindane	78		75		30-150	4		30	A
Alpha-BHC	80		78		30-150	3		30	A
Beta-BHC	76		75		30-150	1		30	A
Heptachlor	70		68		30-150	3		30	A
Aldrin	66		62		30-150	6		30	A
Heptachlor epoxide	74		71		30-150	4		30	A
Endrin	74		72		30-150	3		30	A
Endrin aldehyde	51		53		30-150	4		30	A
Endrin ketone	61		60		30-150	2		30	A
Dieldrin	74		71		30-150	4		30	A
4,4'-DDE	65		62		30-150	5		30	A
4,4'-DDD	73		69		30-150	6		30	A
4,4'-DDT	76		74		30-150	3		30	A
Endosulfan I	67		63		30-150	6		30	A
Endosulfan II	69		68		30-150	1		30	A
Endosulfan sulfate	53		59		30-150	11		30	A
Methoxychlor	67		64		30-150	5		30	A
cis-Chlordane	58		55		30-150	5		30	A
trans-Chlordane	72		69		30-150	4		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1292887-2 WG1292887-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		83		30-150	B
Decachlorobiphenyl	111		100		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		73		30-150	A
Decachlorobiphenyl	57		53		30-150	A

METALS

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01
Client ID: SB-1 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:00
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9790		mg/kg	8.82	2.38	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.41	0.335	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.882	0.183	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Barium, Total	78.2		mg/kg	0.882	0.153	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Beryllium, Total	0.441		mg/kg	0.441	0.029	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Cadmium, Total	0.432	J	mg/kg	0.882	0.086	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Calcium, Total	1590		mg/kg	8.82	3.09	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Chromium, Total	16.2		mg/kg	0.882	0.085	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Cobalt, Total	6.12		mg/kg	1.76	0.146	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Copper, Total	7.69		mg/kg	0.882	0.228	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Iron, Total	14600		mg/kg	4.41	0.796	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Lead, Total	36.4		mg/kg	4.41	0.236	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Magnesium, Total	2520		mg/kg	8.82	1.36	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Manganese, Total	95.6		mg/kg	0.882	0.140	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Mercury, Total	0.090		mg/kg	0.078	0.051	1	10/08/19 19:04	10/09/19 18:21	EPA 7471B	1,7471B	GD
Nickel, Total	14.1		mg/kg	2.20	0.213	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Potassium, Total	834		mg/kg	220	12.7	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Selenium, Total	0.476	J	mg/kg	1.76	0.228	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.882	0.250	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Sodium, Total	416		mg/kg	176	2.78	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.76	0.278	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Vanadium, Total	24.4		mg/kg	0.882	0.179	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC
Zinc, Total	33.0		mg/kg	4.41	0.258	2	10/07/19 22:20	10/10/19 11:16	EPA 3050B	1,6010D	LC

Project Name: 247 NORTH AVE. **Lab Number:** L1946402

Project Number: 10908:2 **Report Date:** 10/11/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1293267-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Iron, Total	ND		mg/kg	2.00	0.361	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Sodium, Total	19.1	J	mg/kg	80.0	1.26	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/07/19 22:20	10/10/19 11:07	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1293749-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/08/19 19:04	10/09/19 17:55	1,7471B	GD

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1293267-2 SRM Lot Number: D105-540								
Aluminum, Total	70		-		51-149	-		
Antimony, Total	143		-		19-249	-		
Arsenic, Total	106		-		70-130	-		
Barium, Total	99		-		75-125	-		
Beryllium, Total	100		-		75-125	-		
Cadmium, Total	95		-		75-125	-		
Calcium, Total	90		-		73-127	-		
Chromium, Total	96		-		70-130	-		
Cobalt, Total	99		-		75-125	-		
Copper, Total	99		-		75-125	-		
Iron, Total	90		-		38-162	-		
Lead, Total	98		-		71-128	-		
Magnesium, Total	86		-		63-137	-		
Manganese, Total	94		-		76-124	-		
Nickel, Total	98		-		70-131	-		
Potassium, Total	91		-		60-140	-		
Selenium, Total	104		-		63-137	-		
Silver, Total	100		-		69-131	-		
Sodium, Total	95		-		37-162	-		
Thallium, Total	100		-		68-132	-		
Vanadium, Total	98		-		65-135	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1293267-2 SRM Lot Number: D105-540					
Zinc, Total	100	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1293749-2 SRM Lot Number: D105-540					
Mercury, Total	107	-	60-141	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1293267-3 QC Sample: L1946402-01 Client ID: SB-1 (3')												
Aluminum, Total	9790	174	10800	**582**	Q	-	-		75-125	-		20
Antimony, Total	ND	43.4	32.7	75		-	-		75-125	-		20
Arsenic, Total	ND	10.4	9.77	94		-	-		75-125	-		20
Barium, Total	78.2	174	242	94		-	-		75-125	-		20
Beryllium, Total	0.441	4.34	4.36	100		-	-		75-125	-		20
Cadmium, Total	0.432J	4.43	4.41	100		-	-		75-125	-		20
Calcium, Total	1590	868	2320	84		-	-		75-125	-		20
Chromium, Total	16.2	17.4	31.4	88		-	-		75-125	-		20
Cobalt, Total	6.12	43.4	44.0	87		-	-		75-125	-		20
Copper, Total	7.69	21.7	26.5	87		-	-		75-125	-		20
Iron, Total	14600	86.8	14100	**0**	Q	-	-		75-125	-		20
Lead, Total	36.4	44.3	76.6	91		-	-		75-125	-		20
Magnesium, Total	2520	868	2800	**32**	Q	-	-		75-125	-		20
Manganese, Total	95.6	43.4	149	123		-	-		75-125	-		20
Nickel, Total	14.1	43.4	50.2	83		-	-		75-125	-		20
Potassium, Total	834	868	1640	93		-	-		75-125	-		20
Selenium, Total	0.476J	10.4	9.69	93		-	-		75-125	-		20
Silver, Total	ND	26	23.3	89		-	-		75-125	-		20
Sodium, Total	416	868	1240	95		-	-		75-125	-		20
Thallium, Total	ND	10.4	8.78	84		-	-		75-125	-		20
Vanadium, Total	24.4	43.4	64.4	92		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1293267-3 QC Sample: L1946402-01 Client ID: SB-1 (3')										
Zinc, Total	33.0	43.4	72.6	91		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1293749-3 QC Sample: L1900010-78 Client ID: MS Sample										
Mercury, Total	8.81	0.129	1.68	**0**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1293267-4 QC Sample: L1946402-01 Client ID: SB-1 (3')						
Aluminum, Total	9790	8690	mg/kg	12		20
Antimony, Total	ND	0.327J	mg/kg	NC		20
Arsenic, Total	ND	0.448J	mg/kg	NC		20
Barium, Total	78.2	82.5	mg/kg	5		20
Beryllium, Total	0.441	0.388J	mg/kg	NC		20
Cadmium, Total	0.432J	0.439J	mg/kg	NC		20
Calcium, Total	1590	1680	mg/kg	6		20
Chromium, Total	16.2	15.8	mg/kg	2		20
Cobalt, Total	6.12	4.99	mg/kg	20		20
Copper, Total	7.69	9.48	mg/kg	**21**	Q	20
Iron, Total	14600	14800	mg/kg	1		20
Lead, Total	36.4	76.9	mg/kg	**71**	Q	20
Magnesium, Total	2520	1930	mg/kg	**27**	Q	20
Manganese, Total	95.6	228	mg/kg	**82**	Q	20
Nickel, Total	14.1	11.4	mg/kg	**21**	Q	20
Potassium, Total	834	775	mg/kg	7		20
Selenium, Total	0.476J	0.456J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	416	430	mg/kg	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 247 NORTH AVE.

Project Number: 10908:2

Lab Number: L1946402

Report Date: 10/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1293267-4 QC Sample: L1946402-01 Client ID: SB-1 (3')						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	24.4	23.3	mg/kg	5		20
Zinc, Total	33.0	32.8	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1293749-4 QC Sample: L1900010-78 Client ID: DUP Sample						
Mercury, Total	8.81	1.73	mg/kg	**134**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

SAMPLE RESULTS

Lab ID: L1946402-01
Client ID: SB-1 (3')
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/04/19 10:00
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	10/05/19 04:32	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/06/19 17:30	10/07/19 15:51	1,9010C/9012B	LH

Project Name: 247 NORTH AVE.
Project Number: 10908:2
Lab Number: L1946402
Report Date: 10/11/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1292825-1										
Cyanide, Total	ND		mg/kg	0.98	0.21	1	10/06/19 17:30	10/07/19 15:31	1,9010C/9012B	LH

Lab Control Sample Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1292825-2 WG1292825-3								
Cyanide, Total	**44**	Q	**51**	Q	80-120	15		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1292825-4 WG1292825-5 QC Sample: L1946423-01 Client ID: MS Sample												
Cyanide, Total	0.52J	11	11	98		11	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 247 NORTH AVE.

Project Number: 10908:2

Lab Number: L1946402

Report Date: 10/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1292604-1 QC Sample: L1946377-01 Client ID: DUP Sample						
Solids, Total	90.1	90.6	%	1		20

Project Name: 247 NORTH AVE.
Project Number: 10908:2

Lab Number: L1946402
Report Date: 10/11/19

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(*)
L1946402-01A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1946402-01B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1946402-01C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1946402-01D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L1946402-01E	Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L1946402-01F	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1946402-01X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1946402-01Y	Vial Water preserved split	A	NA		2.3	Y	Absent	05-OCT-19 05:42	NYTCL-8260HLW(14)
L1946402-01Z	Vial Water preserved split	A	NA		2.3	Y	Absent	05-OCT-19 05:42	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	247 NORTH AVE.	**Lab Number:**	L1946402
Project Number:	10908:2	**Report Date:**	10/11/19

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: DU Report with 'J' Qualifiers

Project Name:	247 NORTH AVE.	**Lab Number:**	L1946402
Project Number:	10908:2	**Report Date:**	10/11/19

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 acetone is introduced in the process.

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. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. 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 method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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: DU Report with 'J' Qualifiers

Project Name: 247 NORTH AVE. **Lab Number:** L1946402
Project Number: 10908:2 **Report Date:** 10/11/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
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320 Forbes Blvd
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FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/4/19

ALPHA Job #: L1946402

Client Information

Client: SESI
Address: 12A Maple Ave
Pine Brook NJ
Phone: 973-808-9050
Fax:
Email: jam@sesi.org

Project Information

Project Name: 247 North Ave
Project Location: New Rochelle, NY
Project #: 109081.2
(Use Project name as Project #) ☐
Project Manager: Jesse M.
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL+30/TAL,VOC

Sample Filtration
☐ Done
☐ 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	TCL+30/TAL,VOC	Sample Specific Comments	Total Bottle
46402-01	SB-1(3')	10/4/19	10:00	S	TP			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	P													
Preservative														

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	12:45 10/4/19	[illegible]	12:45
[illegible]	10/4 1430	P.S. AAL	10/4/19 17:00
P.S. AAL	10/4/19 21:30	[illegible]	10/4/19 2132

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)