SESI
CONSULTING
ENGINEERS

Phase II Environmental Site Assessment Report

FOR

Proposed Redevelopment
500 Main Street
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 Requestor, BRP Companies (BRP), for a 0.79-acre property located at 500, 506, and 510 Main Street and 12 Church Street in New Rochelle, Westchester County, New York (the "Site"). The Site is bound to the northwest by Main Street and to the southwest by Church Street and is surrounded by commercial properties to the northeast and southeast. **Figure 1** presents a Site Location Map.

SESI reviewed Sanborn maps of the Site to determine potential areas of concern. The earliest Sanborn map available showed the Site as developed with a meat market and sausage shop, and a "Chinese Laundry" (dry cleaner) from 1887 until 1896. The Site is then identified as the Huguenot Lodge, Jewelry, and later the Fire Department Headquarters in 1903. A gas engine is identified on Site from 1887 to 1911, with a 100-gallon gasoline underground storage tank (UST) being identified on Site in 1911. The Site is then depicted as retail stores, an American Legion Post, Fire Department Headquarters, and auto storage in 1942. Fur storage is depicted on Site in 1951. A large building appears at 500 Main Street with smaller structures in the surrounding area, showing similar footprints to the present-day structures, in the 1990 Sanborn map. Based on a review of the City of New Rochelle building department records, the building at 500 Main Street was converted to a skating rink in 1979 and then to retail space in 1987.

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, sub-slab soil vapor, indoor air, and groundwater samples to further investigate the identified Recognized Environmental Concerns (RECs) at the Site.

1.1 Recognized Environmental Concerns

Seven (7) Areas of Concern (AOCs) were identified during our review of historic site documentation and project planning, as detailed below. **Figure 5** presents the locations of the AOCs.

- **AOC 1 – Former Dry Cleaners:** A Chinese laundry facility, or dry cleaners, was identified on Site from 1887 to 1896. The dry cleaner was located at what is now known as 506 Main Street.

- **AOC 2 – Fur Storage:** A fur storage facility was located on Site in 1951 in the southern portion of 506 Main Street.
- **AOC 3 – Underground Storage Tank:** A 100-gallon underground storage tank (UST) containing gasoline was identified on Site in 1911.
- **AOC 4 – Gas Engine:** A gas engine was identified on Site from 1887 to 1911. The gas engine was located in the southern portion of 500 Main Street.
- **AOC 5 – Underground Ground Tank:** A tank was identified on Site during the geophysical survey conducted prior to sampling. The tank was located beneath the asphalt driveway associated with 12 Church Street. A previous Phase II report indicated that the tank is a 5,000-gallon No. 2 Fuel Oil UST.
- **AOC 6 – Former Carriage Factory:** A former carriage factory located at 490-494 Main Street, less than 100 feet east of the Site, was identified as a REC in a previous Phase II report.
- **AOC 7 – Former Firehouse**: A former fire house located at 12 Church Street

1.2 Site Settings

The Site consists of a 0.79-acre property located at 500, 506, and 510 Main Street and 12 Church Street, New Rochelle, Westchester County, New York. The Site is located in a commercial area with similar commercial properties to the north, east, south, and west of the Site. The site is bound to the northwest by Main Street. The closest surface water body is Echo Bay, with its closest associated tributary located approximately 2,400 feet southeast of the Site. The Site topography is generally flat and slopes gently downward from the northwest to the southeast.

1.3 Proposed Site Development

The planned new construction for the Site will be a multi-story residential apartment building. Redevelopment plans were not available at the time this report was prepared.

2.0 SUBSURFACE INVESTIGATION

The field work was conducted under the site-specific Health and Safety Plan (HASP) between July 15th and July 19th, 2019. Supplemental field sampling was conducted on September 11th and 12th, 2019, and on December 18th, 2019.

2.1 Utility Clearance and Geophysical Survey

Prior to conducting any subsurface drilling, SESI's drilling contractor contacted New York's utility mark-out system. In addition, SESI retained the services of American Geophysics, a private utility locator, to locate underground utilities not included in the one-call and to conduct a geophysical survey to investigate the potential for historical USTs. American Geophysics performed the survey on July 15th, 2019 and located numerous underground utilities through-out the Site including one (1) anomaly consistent with an UST. Further investigation of the suspected UST identified an UST fill port. American Geophysics' report is provided in **Appendix A**.

2.2 Borings

Twenty-seven (27) soil borings, and five (5) sub-slab 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 twenty-three (23) soil samples and five (5) soil vapor samples were collected and analyzed for various parameters at Test America, Inc, which is a NYSDEC ELAP-certified laboratory. An additional four (4) soil samples, four (4) indoor air samples, and one (1) ambient air sample were sent to Alpha Analytical Laboratories (Alpha), also a NYSDEC ELAP-certified laboratory, for analysis of various parameters. The soil samples were collected from varying depths based on field screening, which included screening with a Photo Ionization Detector (PID), visual and olfactory observations. All soil samples were named based on their respective soil boring number and specified depth.

2.3 Groundwater Investigation

Two (2) existing monitoring wells were located on Site and a temporary well was installed in the basement of 500 Main Street. Two (2) temporary wells were also installed in the basement of 506 and one additional temporary well in the basement of 510 Main Street. Two additional temporary wells were installed in the basement of 12 Church Street. The monitoring well locations are provided in **Figure 4**. Groundwater samples were obtained from the two existing monitoring wells and temporary wells TW-1, TW-3, TW-4, and TW-5 using a bailer. Groundwater samples were obtained from the two temporary wells in the 12 Church Street basement via peristaltic pump and PFAS-free tubing.

3.0 ANALYTICAL RESULTS

3.1 Soil Investigation Results

In total, twenty-seven (27) soil samples were collected. The soil sample locations were distributed based on the RECs identified in investigation of historic documents and planning phases. The soil sample depths were selected based on the field screening and visual observations. The soil samples were sent to Test America 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 2**. Summary tables of the analytical results compared to New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives (USCO) and Restricted Residential Soil Clean-up Objectives (RRSCOs) are presented in Tables 1.1 through 1.4.

Soil boring S-1 was advanced outside in the asphalt next to 12 Church Street to address AOC 5. Soil borings S-2 and S-3 were advanced in the basement of the former Firehouse Headquarters. Soil borings S-21 and S-22 were in the basement of 506 Main Street to address AOCs 1 and 2, and soil boring S-23 was in the basement of 510 Main Street. Borings S-1 and S-4 through S-20 targeted 500 Main Street, the location of AOCs 3 and 4. S-26 and S-27 were advanced in the rear exterior of 510 Main Street, and S-28 and S-29 were advanced in the loading area of 500 Main Street, located by Church Street.

No volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, or polychlorinated biphenyls (PCBs) were identified in any sample collected exceeding the NYSDEC USCOs or RRSCOs. Metals were identified at concentrations exceeding their respective USCOs in 12 samples including lead (4 samples), nickel (7 samples), copper (2 samples), mercury (2 samples), and zinc (1 sample), and in three samples exceeding their respective RRSCOs including manganese (1 sample) and mercury (2 samples). Samples exceeding SCOs are shown in the table below. Summary tables with all soil sample results are attached to this report.

Table 3.1 - Soil Sample Exceedances (mg/kg)

LOCATION	NY-RRSCO	NY-USCO	SB-2 (1.5-2)	SB-4 (4-4.5)	SB-6 (5-5.5)	SB-7 (2.5-3)	SB-8 (7.5-8)	SB-9 (2.5-3)
SAMPLING DATE			7/16/2019	7/17/2019	7/17/2019	7/17/2019	7/17/2019	7/18/2019
ANALYTE			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	100	0.05	U	U	U	U	U	0.0082
Lead, Total	400	63	3.4	8.5	12.0	28.7	5.9	10.4
Manganese, Total	2000	1600	493	3230	405	579	628	765
Mercury, Total	0.81	0.18	U	U	U	0.022	U	0.017
2-Methylnaphthalene	0.41		10	U	U	0.012	U	U
Nickel, Total	310	30	16.4	70.2	35.1	30.5	32.3	39
Zinc, Total	10000	109	16.2	73.4	79.6	96.0	50.7	56.1
Copper, Total	270	50	12.5	22.0	26.2	38.7	18.4	26.2

LOCATION	NY-RRSCO	NY-USCO	SB-10 (5.5-6)	SB-18 (3.5-4)	SB-21 (1.5-2)	SB-22 (1.5-2)	SB-23 (1-1.5)	SB-27 (5-5.5)
SAMPLING DATE			7/18/2019	7/18/2019	7/19/2019	7/19/2019	7/19/2019	9/11/2019
ANALYTE			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	100	0.05	0.011	0.031	0.011	0.018	0.0069	0.16
Lead, Total	400	63	11.6	105	28.2	36.9	106	231
Manganese, Total	2000	1600	818	224	135	398	414	110
Mercury, Total	0.81	0.18	0.014	0.24	0.041	0.19	0.022	2.11
2-Methylnaphthalene	0.41		U	0.029	U	U	U	U
Nickel, Total	310	30	36.7	30.4	11.3	16.0	19.5	14.0
Zinc, Total	10000	109	59.9	417	26.0	41.0	30.7	95.7
Copper, Total	270	50	32.0	25.0	151	56.4	20.8	38.2

LOCATION	NY-RRSCO	NY-USCO	SB-28 (5-5.5)	SB-29 (7-7.5)	SB-26 (7.5-8)	SB-26 (1.5-2)	SB-29 (2-2.5)
SAMPLING DATE			9/11/2019	9/11/2019	9/11/2019	9/12/2019	9/12/2019
ANALYTE			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	100	0.05	0.18	0.42	0.21	0.11	0.18
Lead, Total	400	63	4.57	4.48	3.81	237	12.6
Manganese, Total	2000	1600	528	375	421	390	451
Mercury, Total	0.81	0.18	0.078	0.072	0.074	1.5	0.069
2-Methylnaphthalene	0.41		U	U	U	U	U
Nickel, Total	310	30	16.6	11.5	12.3	11.9	13.0
Zinc, Total	10000	109	26.5	29.8	19.9	89.3	72.5
Copper, Total	270	50	19.9	12.5	9.69	39.6	13.9

NY-RRSCO: New York NYCRR Part 375 Restricted-Residential Criteria
NY-USCO: New York NYCRR Part 375 New York Unrestricted Use Criteria
Exceeds-RRSCO:
Exceeds-USCO:
U: Not detected at the Reported Detection Limit

3.2 Soil Vapor Results

Four (4) sub-slab soil vapor samples were collected during the investigation. The samples were sent to Test America, an ELAP-Certified laboratory, on a chain of custody (COC) for TO-15 analysis. All the sub-slab soil vapor samples were collected approximately eight feet below grade surface. The laboratory analytical reports are included in Appendix C. Soil vapor sample locations are shown on Figure 3. The attached Table 11 presents all soil vapor results compared to their United States Environmental Protection Agency (USEPA) Vapor Intrusion Screening Level (VISL)

Target Sub-Slab Soil Gas Concentration dated May 2018 and the New York State Department of Health (NYSDOH) Sub-Slab Vapor Concentration Standards.

1,3-butadiene was identified at concentrations exceeding the USEPA-VISL in samples SV-1, SV-2, and SV-3.

3.3 Indoor Air Results

Four (4) indoor air samples and one ambient (outdoor) air sample were collected during the investigation. The samples were sent to Alpha on a chain of custody (COC) for TO-15 analysis. The laboratory analytical reports are included in Appendix C. Indoor and ambient air sample locations and a summary of the results are shown on Figure 3. Trichloroethene and cis-1,2-Dichloroethene were detected at concentrations exceeding NYSDOH Matrix A Indoor Air Concentrations Criteria (May 2017) in sample IA-3, located in the basement of 506 Main Street. Carbon tetrachloride was detected in all four samples exceeding the NYSDOH Matrix A criteria but was also detected in the ambient (outdoor) air sample in excess of NYSDOH criteria, indicating that the source of this constituent is not likely to be site-related. The results exceeding NYSDOH Criteria are presented in the table below. The attached Table 10 presents all air sample results compared to their USEPA Indoor Air Screening Level (IASL) Target Indoor Air Concentration (May 2018) and the NYSDOH Indoor Air Concentration Criteria (May 2017).

Table 3.2 - Indoor Air Sample Exceedances (ug/m^3)

LOCATION	**NY-IAC-A**	**NY-IAC-B**	**IA-1**	**IA-2**	**AA-1**	**IA-3**	**IA-4**
SAMPLING DATE			**9/11/2019**	**9/11/2019**	**9/11/2019**	**9/11/2019**	**9/11/2019**
ANALYTE							
Methylene chloride		3	3.16	U	U	U	U
cis-1,2-Dichloroethene	0.2		U	U	U	0.385	U
Carbon tetrachloride	0.2		0.56	0.484	0.396	0.421	0.465
Trichloroethene	0.2		U	U	U	1.2	U
U - Not detected at the reported detection limit for the sample.							
Exceeds NY-IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria							
Exceeds NY-IAC-B: New York DOH Matrix B Indoor Air Concentrations Criteria							

3.4 Groundwater Investigation Results

Eight (8) groundwater samples were collected during the investigation. The samples were sent to Test America (TW-1, MW-1, MW-2) and Alpha (TW-3, TW-4, TW-5, Church-TW-1, and Church-TW-2) on chain of custody forms (COCs). Samples TW-1, MW-1, MW-2, TW-3, TW-4, and TW-5 were analyzed for TCL/TAL+30, and samples Church-TW-1 and Church-TW-2 were analyzed for 21 per- and polyfluoroalkyl substances (PFASs) by EPA Method 537 Modified. The laboratory analytical reports are included in Appendix C. A groundwater sample location plan and summary of the results is shown in **Figure 4**. VOCs including trichloroethene and tetrachloroethene were identified at concentrations exceeding the NYSDEC Technical and Administrative Guidance Series 1.1.1 Ambient Groundwater Quality Criteria (TOGS AGWS) in the sample collected from temporary well TW-1. SVOCs including benzo(a)pyrene, benzo(b)fluoranthene, and benzo(k)fluoranthene were identified in TW-4 exceeding TOGS AWQS, and phenol was identified in TW-3 exceeding TOGS AWQS. Numerous metals were identified in the temporary wells exceeding TOGS AWQS, which is attributed to high sample turbidity and unfiltered nature of the samples collected from temporary wells, and not to any known onsite source. Several PFASs were detected in the two temporary wells installed in the 12 Church Street basement, yielding PFASs totals of 0.093 ug/L in Church-TW-1 and 0.121 ug/L in Church-TW-2. No groundwater standards have been promulgated for PFASs at this time. An exceedance table is presented below, and summary tables of all analytical results compared to TOGS AWQS are attached to this report.

Table 3.3 - Groundwater Sample Exceedances (ug/L)

LOCATION	NY-AWQS	TW-1	TW-3	TW-4	TW-5	MW-1	MW-2
SAMPLING DATE		7/17/2019	9/11/2019	9/12/2019	9/12/2019	7/18/2019	7/16/2019
ANALYTE							
Arsenic, Total	25	27.5	6	2	3	32.7	2.8
Cadmium, Total	5	7.1	4	2	2	4.3	U
Phenol	1	U	2.7	U	U	U * H	0.94
Benzo(a)pyrene	0	U *	U	0.02	U	U H	U *
Benzo(b)fluoranthene	0.002	U *	U	0.04	U	U H	U *
Benzo(k)fluoranthene	0.002	U	U	0.02	U	U H	U
Barium, Total	1000	8530	1460	615	541	3750	482
Beryllium, Total	3	26.2	3	U	1	14.7	0.62
Chromium, Total	50	1830	283	109	126	1540	58.1
Copper, Total	200	1410	270	118	105	867	62.9
Iron, Total	300	1380000	112000	57700	64600	701000	35900
Lead, Total	25	526	152	83	49	976	11.0
Magnesium, Total	35000	276000	36000	27300	27200	180000	28200
Manganese, Total	300	72200	9800	4030	4320	21900	1470
Mercury, Total	0.7	0.49	U	0.26	U	0.76	U
Nickel, Total	100	2340	248	96	99	1300	64.3
Sodium, Total	20000	124000	309000	877000	535000	28900	816000
Thallium, Total	0.5	18.4	3	U	U	9.3	0.43
Tetrachloroethene	5	9.3	U	U	U	U	U
Trichloroethene	5	9.3	U	U	U	U	U

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards

Exceeds NY AWQS:

H : Sample was prepped or analyzed beyond the specified holding time

* : LCS or LCSD is outside acceptance limits.

J - Presumptive evidence of compound.

U - Not detected at the reported detection limit for the sample.

4.0 CONCLUSIONS AND RECOMMENDATIONS

No volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, or polychlorinated biphenyls (PCBs) were identified in any soil sample collected exceeding the NYSDEC USCOs or RRSCOs. Metals were identified at concentrations exceeding their respective USCOs in 12 of 27 soil samples, and exceeding their RRSCOs in three samples. The source of the noted exceedances is attributed to the likely use of historic fill in the region.

Soil vapor sample results indicated that 1,3-butadiene was identified at concentrations exceeding the USEPA-VISL in samples SV-1, SV-2, and SV-3.

Indoor air sampling results indicated that trichloroethene and cis-1,2-Dichloroethene were detected at concentrations exceeding NYSDOH Matrix A Indoor Air Concentrations Criteria (May 2017) in sample IA-3, located in the basement of 506 Main Street. Carbon tetrachloride was detected in all four samples exceeding the NYSDOH Matrix A criteria but was also detected in the ambient (outdoor) air sample in excess of NYSDOH criteria, indicating that the source of this constituent is not likely to be site-related.

VOCs in groundwater including trichloroethene and tetrachloroethene were identified at concentrations exceeding the TOGS AWQS in the sample collected from temporary well TW-1. SVOCs including benzo(a)pyrene, benzo(b)fluoranthene, and benzo(k)fluoranthene were identified in TW-4 exceeding TOGS AWQS, and phenol was identified in TW-3 exceeding TOGS AWQS. Numerous metals were identified in the temporary wells exceeding TOGS AWQS, which is attributed to high sample turbidity and unfiltered nature of the samples collected from temporary wells, and not to any known onsite source. Several PFASs were detected in the two temporary wells installed in the 12 Church Street basement, with total PFASs concentrations of 0.093 ug/L in Church-TW-1 and 0.121 ug/L in Church-TW-2. No groundwater standards have been promulgated for PFASs at this time. However, as per the NYSDEC Guidelines for Sampling and Analysis of PFAS (January 2020), PFAS should be further assessed and considered as potential contaminant of concern in groundwater if PFOA of PFAS is detected in any water sample about 10 ng/L (0.01 ug/L).

TABLES
(Electronic)

Table 1
500 Main Street, New Rochelle, NY
Semi-Volatile Organic Compounds in Water

LOCATION	Units	NY-AWQS	MW-2		MW-1		TW-1		TW-3		TW-4		TW-5	
SAMPLING DATE			7/18/2019		7/16/2019		7/17/2019		9/11/2019		9/12/2019		9/12/2019	
LAB SAMPLE ID			460-187054-1		460-186859-6		460-186947-6		L1941891-01		L1941891-02		L1941891-03	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER	
			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS														
1,2,4-Trichlorobenzene	ug/l	5							5	U	5	U	5	U
Bis(2-chloroethyl)ether	ug/l	1	0.30	U	0.30	U * H	0.30	U	2	U	2	U	2	U
1,2-Dichlorobenzene	ug/l	3							2	U	2	U	2	U
1,3-Dichlorobenzene	ug/l	3							2	U	2	U	2	U
1,4-Dichlorobenzene	ug/l	3							2	U	2	U	2	U
3,3'-Dichlorobenzidine	ug/l	5	1.4	U *	1.4	U H *	1.4	U *	5	U	5	U	5	U
2,4-Dinitrotoluene	ug/l	5	1.0	U	1.0	U H	1.0	U	5	U	5	U	5	U
2,6-Dinitrotoluene	ug/l	5	1.5	J	0.39	U H	0.39	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	ug/l		1.3	U	1.3	U H	1.3	U	2	U	2	U	2	U
4-Bromophenyl phenyl ether	ug/l		0.75	U	0.75	U H	0.75	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	ug/l	5							2	U	2	U	2	U
Bis(2-chloroethoxy)methane	ug/l	5	0.24	U	0.24	U * H	0.24	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	ug/l	5	1.7	U	1.7	U H	1.7	U	20	U	20	U	20	U
Isophorone	ug/l	50	0.80	U	0.80	U H	0.80	U	5	U	5	U	5	U
Nitrobenzene	ug/l	0.4	0.57	U	0.57	U H	0.57	U	2	U	2	U	2	U
NDPA/DPA	ug/l	50							2	U	2	U	2	U
n-Nitrosodi-n-propylamine	ug/l		0.43	U	0.43	U H	0.43	U	5	U	5	U	5	U
Bis(2-ethylhexyl)phthalate	ug/l	5	1.7	U	1.7	U H	1.7	U	1.8	J	2	J	2	J
Butyl benzyl phthalate	ug/l	50	0.85	U	0.85	U H	0.85	U	5	U	5	U	5	U
Di-n-butylphthalate	ug/l	50	0.84	U	0.84	U H	0.84	U	2.2	J	2.3	J	5	U
Di-n-octylphthalate	ug/l	50	4.8	U	4.8	U H	4.8	U	5	U	5	U	5	U
Diethyl phthalate	ug/l	50	0.98	U	0.98	U H	0.98	U	5	U	5	U	5	U
Dimethyl phthalate	ug/l	50	0.77	U	0.77	U H	0.77	U	5	U	5	U	5	U
Biphenyl	ug/l								2	U	2	U	2	U
4-Chloroaniline	ug/l	5	1.9	U *	1.9	U H *	1.9	U *	5	U	5	U	5	U
2-Nitroaniline	ug/l	5	0.47	U	0.47	U H	0.47	U	5	U	5	U	5	U
3-Nitroaniline	ug/l	5	0.96	U *	0.96	U H *	0.96	U *	5	U	5	U	5	U
4-Nitroaniline	ug/l	5	0.54	U	0.54	U H	0.54	U	5	U	5	U	5	U
Dibenzofuran	ug/l		1.1	U	1.1	U H	1.1	U	2	U	2	U	2	U
1,2,4,5-Tetrachlorobenzene	ug/l	5	1.2	U	1.2	U H	1.2	U	10	U	10	U	10	U
Acetophenone	ug/l		0.79	U	0.79	U H	0.79	U	5	U	5	U	1.2	J
2,4,6-Trichlorophenol	ug/l		0.30	U	0.30	U H	0.30	U	5	U	5	U	5	U
p-Chloro-m-cresol	ug/l								2	U	2	U	2	U
2-Chlorophenol	ug/l		0.38	U	0.38	U H	0.38	U	2	U	2	U	2	U
2,4-Dichlorophenol	ug/l	1	0.42	U	0.42	U H	0.42	U	5	U	5	U	5	U
2,4-Dimethylphenol	ug/l	50	0.24	U	0.24	U H	0.24	U	5	U	5	U	5	U
2-Nitrophenol	ug/l		0.75	U	0.75	U H	0.75	U	10	U	10	U	10	U
4-Nitrophenol	ug/l		0.69	U	0.69	U H	0.69	U	10	U	10	U	10	U
2,4-Dinitrophenol	ug/l	10	14	U	14	U H	14	U	20	U	20	U	20	U
4,6-Dinitro-o-cresol	ug/l								10	U	10	U	10	U
Phenol	ug/l	1	0.94	J	0.29	U * H	0.29	U	2.7	J	5	U	5	U
2-Methylphenol	ug/l		0.26	U	0.26	U H	0.26	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	ug/l								5	U	5	U	5	U
2,4,5-Trichlorophenol	ug/l		0.28	U	0.28	U H	0.28	U	5	U	5	U	5	U
Benzoic Acid	ug/l								14	J	14	J	11	J
Benzyl Alcohol	ug/l								2	U	2	U	2	U
Carbazole	ug/l		0.68	U	0.68	U H	0.68	U	2	U	2	U	2	U
Semivolatile Organics by GC/MS-SIM														
Acenaphthene	ug/l	20	1.1	U	1.1	U H	1.1	U	0.1	U	0.1	U	0.1	U
2-Chloronaphthalene	ug/l	10	1.2	U	1.2	U H	1.2	U	0.2	U	0.2	U	0.2	U
Fluoranthene	ug/l	50	0.84	U	0.84	U H	0.84	U	0.1	U	0.06	J	0.1	U
Hexachlorobutadiene	ug/l	0.5	0.78	U	0.78	U H	0.78	U	0.5	U	0.5	U	0.5	U
Naphthalene	ug/l	10	1.1	U	1.1	U H	1.1	U	0.28		0.1	U	0.1	U
Benzo(a)anthracene	ug/l	0.002	0.59	U	0.59	U H	0.59	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	ug/l	0	0.41	U *	0.41	U H	0.41	U *	0.1	U	0.02	J	0.1	U
Benzo(b)fluoranthene	ug/l	0.002	1.1	U *	1.1	U H	1.1	U *	0.1	U	0.04	J	0.1	U
Benzo(k)fluoranthene	ug/l	0.002	0.67	U	0.67	U H	0.67	U	0.1	U	0.02	J	0.1	U
Chrysene	ug/l	0.002	0.91	U	0.91	U H	0.91	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	ug/l		0.82	U	0.82	U H	0.82	U	0.1	U	0.1	U	0.1	U
Anthracene	ug/l	50	0.63	U	0.63	U H	0.63	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	ug/l		1.4	U	1.4	U H	1.4	U	0.1	U	0.1	U	0.1	U
Fluorene	ug/l	50	0.91	U	0.91	U H	0.91	U	0.1	U	0.1	U	0.1	U
Phenanthrene	ug/l	50	0.58	U	0.58	U H	0.58	U	0.1	U	0.12		0.1	U
Dibenzo(a,h)anthracene	ug/l		0.72	U	0.72	U H	0.72	U	0.1	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	ug/l	0.002	1.3	U	1.3	U H	1.3	U	0.1	U	0.1	U	0.1	U
Pyrene	ug/l	50	1.6	U	1.6	U H	1.6	U	0.1	U	0.05	J	0.1	U
2-Methylnaphthalene	ug/l		1.1	U	1.1	U H	1.1	U	0.1	U	0.04	J	0.02	J
Pentachlorophenol	ug/l	1							0.8	U	0.8	U	0.8	U
Hexachlorobenzene	ug/l	0.04	0.40	U	0.40	U H	0.40	U	0.8	U	0.8	U	0.8	U
Hexachloroethane	ug/l	5	1.2	U	1.2	U H	1.2	U	0.8	U	0.8	U	0.8	U
Semivolatile Organics 8270D														
2,2'-oxybis[1-chloropropane]	ug/l	NA	0.63	U	0.63	U * H	0.63	U						
2,3,4,6-Tetrachlorophenol	ug/l	NA	0.75	U	0.75	U H	0.75	U						
4,6-Dinitro-2-methylphenol	ug/l	NA	13	U	13	U H	13	U						
4-Chloro-3-methylphenol	ug/l	5	0.58	U	0.58	U H	0.58	U						
4-Methylphenol	ug/l	50	0.24	U	0.24	U H	0.24	U						
Atrazine	ug/l	NA	1.3	U	1.3	U H *	1.3	U						
Benzaldehyde	ug/l	NA	0.59	U *	0.59	U H	0.59	U *						
Caprolactam	ug/l	NA	4.0	J *	0.68	U H *	0.68	U *						
Diphenyl	ug/l	NA	1.2	U	1.2	U H	1.2	U						
N-Nitrosodiphenylamine	ug/l	NA	0.89	U	0.89	U H	0.89	U						
Pentachlorophenol	ug/l	1	1.4	U *	1.4	U H	1.4	U *						
Total Conc	ug/l	NA	6.44		0.0		0.0							
Total Estimated Conc. (TICs)	ug/l	NA	11.0		0.0*T		0.0*T							

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards
Exceeds NY Groundwater Standards:
H : Sample was prepped or analyzed beyond the specified holding time
* : LCS or LCSD is outside acceptance limits.

Table 2
500 Main Street, New Rochelle, NY
Volatile Organic Compounds in Water

LOCATION	Units	NY-AWQS	TW-3		TW-4		TW-5		TB		MW-2	
SAMPLING DATE			9/11/2019		9/12/2019		9/12/2019		9/10/2019		7/18/2019	
LAB SAMPLE ID			L1941891-01		L1941891-02		L1941891-03		L1941891-06		460-187054-1	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS												
Methylene chloride	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U
1,1-Dichloroethane	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.26	U
Chloroform	ug/l	7	2.5	U	2.5	U	3.7		2.5	U	3.8	
Carbon tetrachloride	ug/l	5	0.5	U	0.5	U	0.5	U	0.5	U	0.21	U
1,2-Dichloropropane	ug/l	1	1	U	1	U	1	U	1	U	0.35	U
Dibromochloromethane	ug/l	50	0.5	U	0.5	U	0.5	U	0.5	U	0.28	U
1,1,2-Trichloroethane	ug/l	1	1.5	U	1.5	U	1.5	U	1.5	U	0.43	U
Tetrachloroethene	ug/l	5	0.5	U	0.5	U	0.5	U	0.5	U	0.25	U
Chlorobenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U
Trichlorofluoromethane	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U
1,2-Dichloroethane	ug/l	0.6	0.5	U	0.5	U	0.5	U	0.5	U		
1,1,1-Trichloroethane	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.24	U
Bromodichloromethane	ug/l	50	0.5	U	0.5	U	0.5	U	0.5	U	0.34	U
trans-1,3-Dichloropropene	ug/l	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.49	U
cis-1,3-Dichloropropene	ug/l	0.4	0.5	U	0.5	U	0.5	U	0.5	U		
1,3-Dichloropropene, Total	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.22	U
1,1-Dichloropropene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
Bromoform	ug/l	50	2	U	2	U	2	U	2	U	0.54	U
1,1,2,2-Tetrachloroethane	ug/l	5	0.5	U	0.5	U	0.5	U	0.5	U	0.37	U
Benzene	ug/l	1	0.5	U	0.5	U	0.5	U	0.5	U	0.20	U
Toluene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U
Ethylbenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.30	U
Chloromethane	ug/l		2.5	U	2.5	U	2.5	U	2.5	U	0.40	U
Bromomethane	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.55	U
Vinyl chloride	ug/l	2	1	U	1	U	1	U	1	U	0.17	U
Chloroethane	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.32	U
1,1-Dichloroethene	ug/l	5	0.5	U	0.5	U	0.5	U	0.5	U		
trans-1,2-Dichloroethene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.24	U
Trichloroethene	ug/l	5	0.5	U	0.5	U	0.5	U	0.5	U	0.31	U
1,2-Dichlorobenzene	ug/l	3	2.5	U	2.5	U	2.5	U	2.5	U	0.43	U
1,3-Dichlorobenzene	ug/l	3	2.5	U	2.5	U	2.5	U	2.5	U	0.34	U
1,4-Dichlorobenzene	ug/l	3	2.5	U	2.5	U	2.5	U	2.5	U	0.33	U
Methyl tert butyl ether	ug/l	10	2.5	U	2.5	U	2.5	U	2.5	U		
p/m-Xylene	ug/l	5	2.5	U	0.85	J	2.5	U	2.5	U	0.30	U
o-Xylene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.36	U
Xylenes, Total	ug/l		2.5	U	0.85	J	2.5	U	2.5	U		
cis-1,2-Dichloroethene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.22	U
1,2-Dichloroethene, Total	ug/l		2.5	U	2.5	U	2.5	U	2.5	U	0.43	U
Dibromomethane	ug/l	5	5	U	5	U	5	U	5	U		
1,2,3-Trichloropropane	ug/l	0.04	2.5	U	2.5	U	2.5	U	2.5	U		
Acrylonitrile	ug/l	5	5	U	5	U	5	U	5	U		
Styrene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.42	U
Dichlorodifluoromethane	ug/l	5	5	U	5	U	5	U	5	U	0.31	U
Acetone	ug/l	50	9.7		4.7	J	3.9	J	5	U	4.4	U
Carbon disulfide	ug/l	60	5	U	5	U	5	U	5	U	0.82	U
2-Butanone	ug/l	50	5	U	2.2	J	5	U	5	U	1.9	U
Vinyl acetate	ug/l		5	U	5	U	5	U	5	U		
4-Methyl-2-pentanone	ug/l		5	U	5	U	5	U	5	U	1.3	U
2-Hexanone	ug/l	50	5	U	5	U	5	U	5	U	1.1	U
Bromochloromethane	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.41	U
2,2-Dichloropropane	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
1,2-Dibromoethane	ug/l	0.0006	2	U	2	U	2	U	2	U	0.50	U
1,3-Dichloropropane	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
1,1,1,2-Tetrachloroethane	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
Bromobenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
n-Butylbenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
sec-Butylbenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
tert-Butylbenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
o-Chlorotoluene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
p-Chlorotoluene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
1,2-Dibromo-3-chloropropane	ug/l	0.04	2.5	U	2.5	U	2.5	U	2.5	U	0.38	U
Hexachlorobutadiene	ug/l	0.5	2.5	U	2.5	U	2.5	U	2.5	U		
Isopropylbenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.34	U
p-Isopropyltoluene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
Naphthalene	ug/l	10	2.5	U	2.5	U	2.5	U	2.5	U		
n-Propylbenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
1,2,3-Trichlorobenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.36	U *
1,2,4-Trichlorobenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U	0.37	U *
1,3,5-Trimethylbenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
1,2,4-Trimethylbenzene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
1,4-Dioxane	ug/l		250	U	250	U	250	U	250	U	28	U *
p-Diethylbenzene	ug/l		2	U	2	U	2	U	2	U		
p-Ethyltoluene	ug/l		2	U	2	U	2	U	2	U		
1,2,4,5-Tetramethylbenzene	ug/l	5	2	U	2	U	2	U	2	U		
Ethyl ether	ug/l		2.5	U	2.5	U	2.5	U	2.5	U		
trans-1,4-Dichloro-2-butene	ug/l	5	2.5	U	2.5	U	2.5	U	2.5	U		
Cyclohexane	ug/l	NA									0.32	U
Freon TF	ug/l	NA									0.31	U
Methyl acetate	ug/l	NA									0.79	U
Methylcyclohexane	ug/l	NA									0.26	U
MTBE	ug/l	NA									0.47	U
Total Conc	ug/l	NA									3.8	
Total Estimated Conc. (TICs)	ug/l	NA									0.0*T	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards
Exceeds NY Groundwater Standards:
* : LCS or LCSD is outside acceptance limits.
*T There are no TICs reported for the sample

Table 2
500 Main Street, New Rochelle, NY
Volatile Organic Compounds in Water

LOCATION	Units	NY-AWQS	TW-3		TB		MW-1		TW-1		TB	
SAMPLING DATE			9/11/2019		7/19/2019		7/16/2019		7/17/2019		7/17/2019	
LAB SAMPLE ID			L1941891-01		460-187054-2		460-186859-6		460-186947-6		460-186947-7	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS												
Methylene chloride	ug/l	5	2.5	U	0.32	U	0.32	U	0.55	J	0.32	U
1,1-Dichloroethane	ug/l	5	2.5	U	0.26	U	0.26	U	0.26	U	0.26	U
Chloroform	ug/l	7	2.5	U	0.33	U	0.33	U	0.83	J	0.33	U
Carbon tetrachloride	ug/l	5	0.5	U	0.21	U	0.21	U	0.21	U	0.21	U
1,2-Dichloropropane	ug/l	1	1	U	0.35	U	0.35	U	0.35	U	0.35	U
Dibromochloromethane	ug/l	50	0.5	U	0.28	U	0.28	U	0.28	U	0.28	U
1,1,2-Trichloroethane	ug/l	1	1.5	U	0.43	U	0.43	U	0.43	U	0.43	U
Tetrachloroethene	ug/l	5	0.5	U	0.25	U	0.31	U	**9.3**		0.31	U
Chlorobenzene	ug/l	5	2.5	U	0.38	U	0.38	U	0.38	U	0.38	U
Trichlorofluoromethane	ug/l	5	2.5	U	0.32	U	0.32	U	0.32	U	0.32	U
1,2-Dichloroethane	ug/l	0.6	0.5	U			0.43	U	0.43	U	0.43	U
1,1,1-Trichloroethane	ug/l	5	2.5	U	0.24	U	0.24	U	0.24	U	0.24	U
Bromodichloromethane	ug/l	50	0.5	U	0.34	U	0.34	U	0.34	U	0.34	U
trans-1,3-Dichloropropene	ug/l	0.4	0.5	U	0.49	U	0.49	U	0.49	U	0.49	U
cis-1,3-Dichloropropene	ug/l	0.4	0.5	U								
1,3-Dichloropropene, Total	ug/l		0.5	U	0.22	U	0.22	U	0.22	U	0.22	U
1,1-Dichloropropene	ug/l	5	2.5	U								
Bromoform	ug/l	50	2	U	0.54	U	0.54	U	0.54	U	0.54	U
1,1,2,2-Tetrachloroethane	ug/l	5	0.5	U	0.37	U	0.37	U	0.37	U	0.37	U
Benzene	ug/l	1	0.5	U	0.20	U	0.20	U	0.20	U	0.20	U
Toluene	ug/l	5	2.5	U	0.38	U	0.38	U	0.38	U	0.38	U
Ethylbenzene	ug/l	5	2.5	U	0.30	U	0.30	U	0.30	U	0.30	U
Chloromethane	ug/l		2.5	U	0.40	U	0.40	U	0.40	U	0.40	U
Bromomethane	ug/l	5	2.5	U	0.55	U	0.55	U	0.55	U	0.55	U
Vinyl chloride	ug/l	2	1	U	0.17	U	0.17	U	0.17	U	0.17	U
Chloroethane	ug/l	5	2.5	U	0.32	U	0.32	U	0.32	U	0.32	U
1,1-Dichloroethene	ug/l	5	0.5	U			0.26	U	0.26	U	0.26	U
trans-1,2-Dichloroethene	ug/l	5	2.5	U	0.24	U	0.24	U	0.67	J	0.24	U
Trichloroethene	ug/l	5	0.5	U	0.31	U	0.31	U	**9.3**		0.31	U
1,2-Dichlorobenzene	ug/l	3	2.5	U	0.43	U	0.43	U	0.43	U	0.43	U
1,3-Dichlorobenzene	ug/l	3	2.5	U	0.34	U	0.34	U	0.34	U	0.34	U
1,4-Dichlorobenzene	ug/l	3	2.5	U	0.33	U	0.33	U	0.33	U	0.33	U
Methyl tert butyl ether	ug/l	10	2.5	U								
p/m-Xylene	ug/l	5	2.5	U	0.30	U	0.30	U	0.30	U	0.30	U
o-Xylene	ug/l	5	2.5	U	0.36	U	0.36	U	0.36	U	0.36	U
Xylenes, Total	ug/l		2.5	U								
cis-1,2-Dichloroethene	ug/l	5	2.5	U	0.22	U	0.22	U	27		0.22	U
1,2-Dichloroethene, Total	ug/l		2.5	U	0.43	U						
Dibromomethane	ug/l	5	5	U								
1,2,3-Trichloropropane	ug/l	0.04	2.5	U								
Acrylonitrile	ug/l	5	5	U								
Styrene	ug/l	5	2.5	U	0.42	U	0.42	U	0.42	U	0.42	U
Dichlorodifluoromethane	ug/l	5	5	U	0.31	U	0.31	U	0.31	U	0.31	U
Acetone	ug/l	50	9.7		4.4	U	4.4	U	4.4	U	4.4	U
Carbon disulfide	ug/l	60	5	U	0.82	U	0.82	U	0.82	U	0.82	U
2-Butanone	ug/l	50	5	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl acetate	ug/l		5	U								
4-Methyl-2-pentanone	ug/l		5	U	1.3	U	1.3	U	1.3	U	1.3	U
2-Hexanone	ug/l	50	5	U	1.1	U	1.1	U	1.1	U	1.1	U
Bromochloromethane	ug/l	5	2.5	U	0.41	U	0.41	U	0.41	U	0.41	U
2,2-Dichloropropane	ug/l	5	2.5	U								
1,2-Dibromoethane	ug/l	0.0006	2	U	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichloropropane	ug/l	5	2.5	U								
1,1,1,2-Tetrachloroethane	ug/l	5	2.5	U								
Bromobenzene	ug/l	5	2.5	U								
n-Butylbenzene	ug/l	5	2.5	U								
sec-Butylbenzene	ug/l	5	2.5	U								
tert-Butylbenzene	ug/l	5	2.5	U								
o-Chlorotoluene	ug/l	5	2.5	U								
p-Chlorotoluene	ug/l	5	2.5	U								
1,2-Dibromo-3-chloropropane	ug/l	0.04	2.5	U	0.38	U	0.38	U	0.38	U	0.38	U
Hexachlorobutadiene	ug/l	0.5	2.5	U								
Isopropylbenzene	ug/l	5	2.5	U	0.34	U	0.34	U	0.34	U	0.34	U
p-Isopropyltoluene	ug/l	5	2.5	U								
Naphthalene	ug/l	10	2.5	U								
n-Propylbenzene	ug/l	5	2.5	U								
1,2,3-Trichlorobenzene	ug/l	5	2.5	U	0.36	U *	0.36	U	0.36	U	0.36	U
1,2,4-Trichlorobenzene	ug/l	5	2.5	U	0.37	U *	0.37	U	0.37	U	0.37	U
1,3,5-Trimethylbenzene	ug/l	5	2.5	U								
1,2,4-Trimethylbenzene	ug/l	5	2.5	U								
1,4-Dioxane	ug/l		250	U	28	U *	28	U	28	U	28	U
p-Diethylbenzene	ug/l		2	U								
p-Ethyltoluene	ug/l		2	U								
1,2,4,5-Tetramethylbenzene	ug/l	5	2	U								
Ethyl ether	ug/l		2.5	U								
trans-1,4-Dichloro-2-butene	ug/l	5	2.5	U								
Cyclohexane	ug/l	NA			0.32	U	U	0.32	U	0.32	U	0.32
Freon TF	ug/l	NA			0.31	U	U	0.31	U	0.31	U	0.31
Methyl acetate	ug/l	NA			0.79	U	U	0.79	U	0.79	U	0.79
Methylcyclohexane	ug/l	NA			0.26	U	U	0.26	U	0.26	U	0.26
MTBE	ug/l	NA			0.47	U	U	0.47	J	0.47	U	0.47
Total Conc	ug/l	NA			0.0							
Total Estimated Conc. (TICs)	ug/l	NA			0.0*T							

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards
Exceeds NY Groundwater Standards:
* : LCS or LCSD is outside acceptance limits.
*T There are no TICs reported for the sample

Table 3
500 Main Street, New Rochelle, NY
Total Metals in Groundwater

LOCATION	Units	NY-AWQS	MW-2		MW-1		TW-1		TW-3		TW-4		TW-5	
SAMPLING DATE			7/18/2019		7/16/2019		7/17/2019		9/11/2019		9/12/2019		9/12/2019	
LAB SAMPLE ID			460-187054-1		460-186859-6		460-186947-6		L1941891-01		L1941891-02		L1941891-03	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER	
			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals														
Aluminum, Total	ug/l		22700		358000		572000		82200		32500		36900	
Antimony, Total	ug/l	3	0.40	U	0.82	J	0.40	U	50	U	50	U	50	U
Arsenic, Total	ug/l	25	2.8		32.7		27.5		6		2	J	3	J
Barium, Total	ug/l	1000	482		3750		8530		1460		615		541	
Beryllium, Total	ug/l	3	0.62	J	14.7		26.2		3	J	5	U	1	J
Cadmium, Total	ug/l	5	0.81	U	4.3		7.1		4	J	2	J	2	J
Calcium, Total	ug/l		118000		107000		185000		146000		159000		76200	
Chromium, Total	ug/l	50	58.1		1540		1830		283		109		126	
Cobalt, Total	ug/l		29.2		330		879		163		48		53	
Copper, Total	ug/l	200	62.9		867		1410		270		118		105	
Iron, Total	ug/l	300	35900		701000		1380000		112000		57700		64600	
Lead, Total	ug/l	25	11.0		976		526		152		83		49	
Magnesium, Total	ug/l	35000	28200		180000		276000		36000		27300		27200	
Manganese, Total	ug/l	300	1470		21900		72200		9800		4030		4320	
Mercury, Total	ug/l	0.7	0.12	U	0.76		0.49		0.2	U	0.26		0.2	U
Nickel, Total	ug/l	100	64.3		1300		2340		248		96		99	
Potassium, Total	ug/l		24200		156000		279000		42900		33900		27900	
Selenium, Total	ug/l	10	5.4	U	53.5	U	53.5	U	10	U	10	U	10	U
Silver, Total	ug/l	50	0.59	U	1.9	J	1.7	J	7	U	7	U	7	U
Sodium, Total	ug/l	20000	816000		28900		124000		309000		877000		535000	
Thallium, Total	ug/l	0.5	0.43	J	9.3		18.4		3	J	20	U	20	U
Vanadium, Total	ug/l		48.6		1020		1400		162		85		91	
Zinc, Total	ug/l	2000	83.4		2080		2850		460		327		217	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards
Exceeds NY Groundwater Standards:

Table 4
500 Main Street, New Rochelle, NY
PCB's and Pesticides in Groundwater

LOCATION	Units	NY-AWQS	MW-2		MW-1		TW-1		TW-3		TW-4		TW-5	
SAMPLING DATE			7/18/2019		7/16/2019		7/17/2019		9/11/2019		9/12/2019		9/12/2019	
LAB SAMPLE ID			460-187054-1		460-186859-6		460-186947-6		L1941891-01		L1941891-02		L1941891-03	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER	
			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry														
Cyanide, Total	ug/l	200	0.0040	U			0.0040	U	5	U	5	U	5	U
Organochlorine Pesticides by GC														
Delta-BHC	ug/l	0.04	0.0050	U	0.0050	U H	0.0050	U	0.014	U	0.014	U	0.05	U
Lindane	ug/l	0.05	0.012	U	0.012	U H	0.012	U	0.014	U	0.014	U	0.05	U
Alpha-BHC	ug/l	0.01	0.0070	U	0.0070	U H	0.0070	U	0.014	U	0.014	U	0.05	U
Beta-BHC	ug/l	0.04	0.0040	U	0.0040	U H	0.0040	U	0.014	U	0.014	U	0.05	U
Heptachlor	ug/l	0.04	0.0030	U	0.0030	U H	0.0030	U	0.014	U	0.014	U	0.05	U
Aldrin	ug/l	0	0.0030	U	0.0030	U H	0.0030	U	0.014	U	0.014	U	0.05	U
Heptachlor epoxide	ug/l	0.03	0.0050	U	0.0050	U H	0.0050	U	0.014	U	0.014	U	0.05	U
Endrin	ug/l	0	0.0040	U	0.0040	U H	0.0040	U	0.029	U	0.029	U	0.1	U
Endrin aldehyde	ug/l	5	0.0080	U	0.0080	U H	0.0080	U	0.029	U	0.029	U	0.023	J
Endrin ketone	ug/l	5	0.0080	U	0.0080	U H	0.0080	U	0.029	U	0.029	U	0.1	U
Dieldrin	ug/l	0.004	0.0030	U	0.0030	U H	0.0030	U	0.029	U	0.029	U	0.1	U
4,4'-DDE	ug/l	0.2	0.0020	U	0.0020	U H	0.0020	U	0.029	U	0.029	U	0.1	U
4,4'-DDD	ug/l	0.3	0.0020	U	0.0020	U H	0.0020	U	0.029	U	0.029	U	0.1	U
4,4'-DDT	ug/l	0.2	0.0040	U	0.0040	U H	0.0040	U	0.029	U	0.029	U	0.1	U
Endosulfan I	ug/l		0.0020	U	0.0020	U H	0.0020	U	0.014	U	0.014	U	0.05	U
Endosulfan II	ug/l		0.0040	U	0.0040	U H	0.0040	U	0.029	U	0.029	U	0.1	U
Endosulfan sulfate	ug/l		0.0060	U	0.0060	U H	0.0060	U	0.029	U	0.029	U	0.1	U
Methoxychlor	ug/l	35	0.0040	U	0.0040	U H	0.0040	U	0.143	U	0.143	U	0.5	U
Toxaphene	ug/l	0.06	0.11	U	0.11	U H	0.11	U	0.143	U	0.143	U	0.5	U
cis-Chlordane	ug/l								0.014	U	0.014	U	0.05	U
trans-Chlordane	ug/l								0.014	U	0.014	U	0.05	U
Chlordane	ug/l	0.05	0.055	U	0.055	U H	0.055	U	0.143	U	0.143	U	0.5	U
Polychlorinated Biphenyls by GC														
Aroclor 1016	ug/l	0.09	0.12	U	0.12	U H	0.12	U	0.083	U	0.083	U	0.5	U
Aroclor 1221	ug/l	0.09	0.12	U	0.12	U H	0.12	U	0.083	U	0.083	U	0.5	U
Aroclor 1232	ug/l	0.09	0.12	U	0.12	U H	0.12	U	0.083	U	0.083	U	0.5	U
Aroclor 1242	ug/l	0.09	0.12	U	0.12	U H	0.12	U	0.083	U	0.083	U	0.5	U
Aroclor 1248	ug/l	0.09	0.12	U	0.12	U H	0.12	U	0.083	U	0.083	U	0.5	U
Aroclor 1254	ug/l	0.09	0.11	U	0.11	U H	0.11	U	0.052	JP	0.06	J	0.5	U
Aroclor 1260	ug/l	0.09	0.11	U	0.11	U H	0.11	U	0.083	U	0.083	U	0.5	U
Aroclor 1262	ug/l	0.09	0.11	U	0.11	U H	0.11	U	0.083	U	0.083	U	0.5	U
Aroclor 1268	ug/l	0.09	0.11	U	0.11	U H	0.11	U	0.083	U	0.083	U	0.5	U
PCBs, Total	ug/l		0.12	U	0.12	U H	0.12	U	0.052	J	0.06	J	0.5	U

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
P - The RPD between the results for the two columns exceeds the method-specified criteria.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards
Exceeds NY Groundwater Standards:
H : Sample was prepped or analyzed beyond the specified holding time

Table 5
500 Main Street, New Rochelle, NY
PFAS Compounds in Groundwater

LOCATION	Units	CHURCH-TW-1		CHURCH-TW-2		FB	
SAMPLING DATE		12/18/2019		12/18/2019		12/18/2019	
LAB SAMPLE ID		L1960688-01		L1960688-02		L1960688-03	
SAMPLE TYPE		WATER		WATER		WATER	
		Results	Qual	Results	Qual	Results	Qual
Perfluorinated Aklyl Acids By Isotope Dilution (PFAS)							
Perfluorobutanoic Acid (PFBA)	ug/l	0.00787		0.013		ND	
Perfluoropentanoic Acid (PFPeA)	ug/l	0.0124		0.0117		ND	
Perfluorobutanesulfonic Acid (PFBS)	ug/l	0.00469		0.011		ND	
Perfluorohexanoic Acid (PFHxA)	ug/l	0.0119		0.012		0.000334	J
Perfluoroheptanoic Acid (PFHpA)	ug/l	0.00644		0.00779		ND	
Perfluorohexanesulfonic Acid (PFHxS)	ug/l	0.00149	J	0.00208		ND	
Perfluorooctanoic Acid (PFOA)	ug/l	0.0231		0.0213		ND	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ug/l	ND		ND		ND	
Perfluoroheptanesulfonic Acid (PFHpS)	ug/l	ND		0.000762	J	ND	
Perfluorononanoic Acid (PFNA)	ug/l	0.00538		0.00417		ND	
Perfluorooctanesulfonic Acid (PFOS)	ug/l	0.0699		0.1		ND	
Perfluorodecanoic Acid (PFDA)	ug/l	0.00614		0.00376		ND	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ug/l	ND		ND		ND	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ug/l	0.000993	J	ND		ND	
Perfluoroundecanoic Acid (PFUnA)	ug/l	0.00222		0.00139	J	ND	
Perfluorodecanesulfonic Acid (PFDS)	ug/l	0.00333		0.0029		ND	
Perfluorooctanesulfonamide (FOSA)	ug/l	ND		ND		ND	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ug/l	ND		ND		ND	
Perfluorododecanoic Acid (PFDoA)	ug/l	0.000626	J	ND		ND	
Perfluorotridecanoic Acid (PFTrDA)	ug/l	ND		ND		ND	
Perfluorotetradecanoic Acid (PFTA)	ug/l	ND		ND		ND	
PFOA/PFOS, Total	ug/l	0.093		0.121		ND	

Nondetect = ND

J - Presumptive evidence of compound.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-1(2.5-3.0)		SB-1(4.5-5.0)		SB-2(1.5-2.0)	
SAMPLING DATE					7/16/2019		7/16/2019		7/16/2019	
LAB SAMPLE ID					460-186859-1		460-186859-2		460-186859-3	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	mg/kg	100	100	20	0.029	U	0.030	U	0.68	J
1,2,4-Trichlorobenzene	mg/kg									
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.0058	U	0.0060	U	0.011	U
Bis(2-chloroethyl)ether	mg/kg				0.0048	U	0.0050	U	0.0090	U
2-Chloronaphthalene	mg/kg				0.018	U	0.019	U	0.034	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1						
1,3-Dichlorobenzene	mg/kg	17	49	2.4						
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8						
3,3'-Dichlorobenzidine	mg/kg				0.060	U	0.062	U	0.11	U
2,4-Dinitrotoluene	mg/kg				0.020	U	0.021	U	0.038	U
2,6-Dinitrotoluene	mg/kg				0.013	U	0.013	U	0.024	U
Fluoranthene	mg/kg	100	100	100	0.0052	U	0.0054	U	0.047	J
4-Chlorophenyl phenyl ether	mg/kg				0.0063	U	0.0065	U	0.012	U
4-Bromophenyl phenyl ether	mg/kg				0.0051	U	0.0053	U	0.0096	U
Bis(2-chloroisopropyl)ether	mg/kg									
Bis(2-chloroethoxy)methane	mg/kg				0.014	U	0.014	U	0.026	U
Hexachlorobutadiene	mg/kg				0.0084	U	0.0088	U	0.016	U
Hexachlorocyclopentadiene	mg/kg				0.035	U	0.036	U	0.065	U
Hexachloroethane	mg/kg				0.0061	U	0.0064	U	0.011	U
Isophorone	mg/kg				0.010	U	0.011	U	0.020	U
Naphthalene	mg/kg	100	100	12	0.0069	U	0.0071	U	2.2	
Nitrobenzene	mg/kg				0.0095	U	0.0099	U	0.018	U
NDPA/DPA	mg/kg									
n-Nitrosodi-n-propylamine	mg/kg				0.0063	U	0.0066	U	0.012	U
Bis(2-ethylhexyl)phthalate	mg/kg				0.021	U	0.022	U	0.039	U
Butyl benzyl phthalate	mg/kg				0.019	U	0.019	U	0.035	U
Di-n-butylphthalate	mg/kg				0.070	U	0.073	U	0.13	U
Di-n-octylphthalate	mg/kg				0.021	U	0.022	U	0.039	U
Diethyl phthalate	mg/kg				0.0057	U	0.0060	U	0.011	U
Dimethyl phthalate	mg/kg				0.0048	U	0.0050	U	0.0090	U
Benzo(a)anthracene	mg/kg	1	1	1	0.014	U	0.014	U	0.026	U
Benzo(a)pyrene	mg/kg	1	1	1	0.011	U	0.011	U	0.020	U
Benzo(b)fluoranthene	mg/kg	1	1	1	0.010	U	0.011	U	0.019	U
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.0078	U	0.0081	U	0.015	U
Chrysene	mg/kg	1	3.9	1	0.0067	U	0.0070	U	0.013	U
Acenaphthylene	mg/kg	100	100	100	0.0041	U	0.0043	U	0.36	J
Anthracene	mg/kg	100	100	100	0.0044	U	0.0046	U	0.25	J
Benzo(ghi)perylene	mg/kg	100	100	100	0.012	U	0.012	U	0.022	U
Fluorene	mg/kg	100	100	30	0.0054	U	0.0056	U	1.7	
Phenanthrene	mg/kg	100	100	100	0.0070	U	0.0072	U	3.9	
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.017	U	0.018	U	0.032	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.015	U	0.016	U	0.029	U
Pyrene	mg/kg	100	100	100	0.0099	U	0.010	U	0.22	J
Biphenyl	mg/kg				0.0053	U	0.0055	U	1.6	
4-Chloroaniline	mg/kg				0.028	U	0.029	U	0.052	U
2-Nitroaniline	mg/kg				0.015	U	0.015	U	0.028	U
3-Nitroaniline	mg/kg				0.022	U	0.022	U	0.040	U
4-Nitroaniline	mg/kg				0.015	U	0.015	U	0.028	U
Dibenzofuran	mg/kg	14	59	7	0.0056	U	0.0058	U	0.95	
2-Methylnaphthalene	mg/kg	0.41			0.0050	U	0.0051	U	10	
1,2,4,5-Tetrachlorobenzene	mg/kg				0.0052	U	0.0054	U	0.0097	U
Acetophenone	mg/kg				0.0064	U	0.0066	U	0.012	U
2,4,6-Trichlorophenol	mg/kg				0.020	U	0.021	U	0.037	U
p-Chloro-m-cresol	mg/kg									
2-Chlorophenol	mg/kg				0.0056	U *	0.0058	U *	0.010	U *
2,4-Dichlorophenol	mg/kg				0.0084	U	0.0087	U	0.016	U
2,4-Dimethylphenol	mg/kg				0.017	U	0.018	U	0.033	U
2-Nitrophenol	mg/kg				0.013	U	0.013	U	0.024	U
4-Nitrophenol	mg/kg				0.065	U	0.067	U	0.12	U
2,4-Dinitrophenol	mg/kg				0.19	U	0.20	U	0.37	U
4,6-Dinitro-o-cresol	mg/kg									
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.081	U	0.085	U	0.15	U
Phenol	mg/kg	100	100	0.33	0.0059	U *	0.0061	U *	0.011	U *
2-Methylphenol	mg/kg	100	100	0.33	0.0064	U *	0.0067	U *	0.012	U *
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.0068	U *	0.0070	U *	0.013	U *
2,4,5-Trichlorophenol	mg/kg				0.013	U	0.014	U	0.025	U
Benzoic Acid	mg/kg									
Benzyl Alcohol	mg/kg									
Carbazole	mg/kg				0.0046	U	0.0048	U	0.0087	U
1,4-Dioxane	mg/kg	9.8	13	0.1						
2,2'-oxybis[1-chloropropane]	mg/kg				0.0072	U	0.0075	U	0.013	U
2,3,4,6-Tetrachlorophenol	mg/kg				0.027	U	0.028	U	0.050	U
4,6-Dinitro-2-methylphenol	mg/kg				0.064	U	0.067	U	0.12	U
4-Chloro-3-methylphenol	mg/kg				0.0066	U	0.0069	U	0.012	U
Atrazine	mg/kg				0.010	U *	0.010	U *	0.019	U *
Benzaldehyde	mg/kg				0.017	U	0.018	U	0.032	U
Caprolactam	mg/kg				0.024	U	0.025	U	0.045	U
N-Nitrosodiphenylamine	mg/kg				0.0076	U	0.0079	U	3.2	
Total Conc	mg/kg				0.0		0.0		25.107	
Total Estimated Conc. (TICs)	mg/kg				0.8		0.65		112.13	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-2(3-3.5)		SB-3(3.5-4.0)		S-4(4-4.5)	
SAMPLING DATE					7/16/2019		7/16/2019		7/17/2019	
LAB SAMPLE ID					460-186859-4		460-186859-5		460-186947-1	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	mg/kg	100	100	20	0.027	U	0.029	U	0.028	U F1
1,2,4-Trichlorobenzene	mg/kg									
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.0054	U	0.0059	U	0.0056	U F1
Bis(2-chloroethyl)ether	mg/kg				0.0045	U	0.0049	U	0.0046	U F1
2-Chloronaphthalene	mg/kg				0.017	U	0.019	U	0.018	U F1
1,2-Dichlorobenzene	mg/kg	100	100	1.1						
1,3-Dichlorobenzene	mg/kg	17	49	2.4						
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8						
3,3'-Dichlorobenzidine	mg/kg				0.056	U	0.061	U	0.058	U F1
2,4-Dinitrotoluene	mg/kg				0.019	U	0.020	U	0.019	U F1
2,6-Dinitrotoluene	mg/kg				0.012	U	0.013	U	0.012	U F1
Fluoranthene	mg/kg	100	100	100	0.020	J	0.0052	U	0.0050	U F1
4-Chlorophenyl phenyl ether	mg/kg				0.0058	U	0.0064	U	0.0061	U F1
4-Bromophenyl phenyl ether	mg/kg				0.0048	U	0.0052	U	0.0050	U F1
Bis(2-chloroisopropyl)ether	mg/kg									
Bis(2-chloroethoxy)methane	mg/kg				0.013	U	0.014	U	0.013	U F1
Hexachlorobutadiene	mg/kg				0.0079	U	0.0086	U	0.0082	U F1
Hexachlorocyclopentadiene	mg/kg				0.032	U	0.035	U	0.034	U F1
Hexachloroethane	mg/kg				0.0057	U	0.0062	U	0.0059	U F1
Isophorone	mg/kg				0.0097	U	0.011	U	0.010	U F1
Naphthalene	mg/kg	100	100	12	0.0064	U	0.0070	U	0.0066	U F1
Nitrobenzene	mg/kg				0.0089	U	0.0097	U	0.0092	U F1
NDPA/DPA	mg/kg									
n-Nitrosodi-n-propylamine	mg/kg				0.0059	U	0.0064	U	0.0061	U F1
Bis(2-ethylhexyl)phthalate	mg/kg				0.020	U	0.021	U	0.020	U F1
Butyl benzyl phthalate	mg/kg				0.017	U	0.019	U	0.018	U F1
Di-n-butylphthalate	mg/kg				0.065	U	0.071	U	0.068	U F1
Di-n-octylphthalate	mg/kg				0.020	U	0.021	U	0.020	U F1
Diethyl phthalate	mg/kg				0.0054	U	0.0058	U	0.0056	U F1
Dimethyl phthalate	mg/kg				0.0045	U	0.0049	U	0.0046	U F1
Benzo(a)anthracene	mg/kg	1	1	1	0.013	U	0.014	U	0.013	U F1
Benzo(a)pyrene	mg/kg	1	1	1	0.0099	U	0.011	U	0.010	U F1
Benzo(b)fluoranthene	mg/kg	1	1	1	0.0096	U	0.010	U	0.0099	U F1
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.0073	U	0.0079	U	0.0075	U F1
Chrysene	mg/kg	1	3.9	1	0.0063	U	0.0068	U	0.0065	U F1
Acenaphthylene	mg/kg	100	100	100	0.0038	U	0.0042	U	0.0040	U F1
Anthracene	mg/kg	100	100	100	0.13	J	0.0045	U	0.0043	U F1
Benzo(ghi)perylene	mg/kg	100	100	100	0.011	U	0.012	U	0.011	U F1
Fluorene	mg/kg	100	100	30	0.30	J	0.0055	U	0.0052	U F1
Phenanthrene	mg/kg	100	100	100	0.70		0.0071	U	0.0067	U F1
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.016	U	0.017	U	0.017	U F1
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.014	U	0.016	U	0.015	U F1
Pyrene	mg/kg	100	100	100	0.061	J	0.010	U	0.0095	U F1
Biphenyl	mg/kg				0.36	J	0.0054	U	0.0051	U F1
4-Chloroaniline	mg/kg				0.026	U	0.028	U	0.027	U F1
2-Nitroaniline	mg/kg				0.014	U	0.015	U	0.014	U F1
3-Nitroaniline	mg/kg				0.020	U	0.022	U	0.021	U F1
4-Nitroaniline	mg/kg				0.014	U	0.015	U	0.014	U F1
Dibenzofuran	mg/kg	14	59	7	0.21	J	0.0057	U	0.0054	U F1
2-Methylnaphthalene	mg/kg	0.41			0.025	J	0.0050	U	0.0048	U F1
1,2,4,5-Tetrachlorobenzene	mg/kg				0.0048	U	0.0053	U	0.0050	U F1
Acetophenone	mg/kg				0.0060	U	0.0065	U	0.0062	U F1
2,4,6-Trichlorophenol	mg/kg				0.019	U	0.020	U	0.019	U F1
p-Chloro-m-cresol	mg/kg									
2-Chlorophenol	mg/kg				0.0052	U *	0.0056	U *	0.0054	U F1
2,4-Dichlorophenol	mg/kg				0.0078	U	0.0085	U	0.0081	U F1
2,4-Dimethylphenol	mg/kg				0.016	U	0.018	U	0.017	U F1
2-Nitrophenol	mg/kg				0.012	U	0.013	U	0.012	U F1
4-Nitrophenol	mg/kg				0.060	U	0.066	U	0.063	U F1
2,4-Dinitrophenol	mg/kg				0.18	U	0.20	U	0.19	U F1 F2
4,6-Dinitro-o-cresol	mg/kg									
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.076	U	0.083	U	0.079	U F1
Phenol	mg/kg	100	100	0.33	0.0055	U *	0.0060	U *	0.0057	U F1
2-Methylphenol	mg/kg	100	100	0.33	0.0060	U *	0.0065	U *	0.0062	U F1
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.0063	U *	0.0069	U *	0.0065	U F1
2,4,5-Trichlorophenol	mg/kg				0.012	U	0.013	U	0.013	U F1
Benzoic Acid	mg/kg									
Benzyl Alcohol	mg/kg									
Carbazole	mg/kg				0.0043	U	0.0047	U	0.0045	U F1
1,4-Dioxane	mg/kg	9.8	13	0.1						
2,2'-oxybis[1-chloropropane]	mg/kg				0.0067	U	0.0073	U	0.0069	U F1
2,3,4,6-Tetrachlorophenol	mg/kg				0.025	U	0.027	U	0.026	U F1
4,6-Dinitro-2-methylphenol	mg/kg				0.060	U	0.065	U	0.062	U F1
4-Chloro-3-methylphenol	mg/kg				0.0062	U	0.0067	U	0.0064	U F1
Atrazine	mg/kg				0.0093	U *	0.010	U *	0.0097	U
Benzaldehyde	mg/kg				0.016	U	0.018	U	0.017	U F1
Caprolactam	mg/kg				0.022	U	0.024	U	0.023	U
N-Nitrosodiphenylamine	mg/kg				0.0071	U	0.0077	U	0.0073	U F1
Total Conc	mg/kg				1.806		0.0		0.0	
Total Estimated Conc. (TICs)	mg/kg				56.1		0.65		0.79	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-5(2-2.5)		S-6(5-5.5)		S-7(2.5-3)	
SAMPLING DATE					7/17/2019		7/17/2019		7/17/2019	
LAB SAMPLE ID					460-186947-2		460-186947-3		460-186947-4	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	mg/kg	100	100	20	0.029	U	0.031	U	0.031	U
1,2,4-Trichlorobenzene	mg/kg									
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.0059	U	0.0063	U	0.0062	U
Bis(2-chloroethyl)ether	mg/kg				0.0049	U	0.0052	U	0.0051	U
2-Chloronaphthalene	mg/kg				0.019	U	0.020	U	0.020	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1						
1,3-Dichlorobenzene	mg/kg	17	49	2.4						
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8						
3,3'-Dichlorobenzidine	mg/kg				0.061	U	0.065	U	0.064	U
2,4-Dinitrotoluene	mg/kg				0.020	U	0.022	U	0.021	U
2,6-Dinitrotoluene	mg/kg				0.013	U	0.014	U	0.014	U
Fluoranthene	mg/kg	100	100	100	0.0052	U	0.0056	U	0.0055	U
4-Chlorophenyl phenyl ether	mg/kg				0.0064	U	0.0068	U	0.0067	U
4-Bromophenyl phenyl ether	mg/kg				0.0052	U	0.0056	U	0.0055	U
Bis(2-chloroisopropyl)ether	mg/kg									
Bis(2-chloroethoxy)methane	mg/kg				0.014	U	0.015	U	0.015	U
Hexachlorobutadiene	mg/kg				0.0086	U	0.0092	U	0.0090	U
Hexachlorocyclopentadiene	mg/kg				0.035	U	0.038	U	0.037	U
Hexachloroethane	mg/kg				0.0062	U	0.0067	U	0.0065	U
Isophorone	mg/kg				0.011	U	0.011	U	0.011	U
Naphthalene	mg/kg	100	100	12	0.0070	U	0.0075	U	0.0073	U
Nitrobenzene	mg/kg				0.0097	U	0.010	U	0.010	U
NDPA/DPA	mg/kg									
n-Nitrosodi-n-propylamine	mg/kg				0.0064	U	0.0069	U	0.0068	U
Bis(2-ethylhexyl)phthalate	mg/kg				0.021	U	0.023	U	0.054	J
Butyl benzyl phthalate	mg/kg				0.019	U	0.020	U	0.020	U
Di-n-butylphthalate	mg/kg				0.071	U	0.076	U	0.075	U
Di-n-octylphthalate	mg/kg				0.021	U	0.023	U	0.022	U
Diethyl phthalate	mg/kg				0.0058	U	0.0063	U	0.0062	U
Dimethyl phthalate	mg/kg				0.0049	U	0.0052	U	0.0051	U
Benzo(a)anthracene	mg/kg	1	1	1	0.014	U	0.015	J	0.015	U
Benzo(a)pyrene	mg/kg	1	1	1	0.011	U	0.012	U	0.011	U
Benzo(b)fluoranthene	mg/kg	1	1	1	0.010	U	0.011	U	0.011	U
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.0079	U	0.0085	U	0.0083	U
Chrysene	mg/kg	1	3.9	1	0.0068	U	0.0073	U	0.0072	U
Acenaphthylene	mg/kg	100	100	100	0.0042	U	0.0045	U	0.0044	U
Anthracene	mg/kg	100	100	100	0.0045	U	0.0048	U	0.0047	U
Benzo(ghi)perylene	mg/kg	100	100	100	0.012	U	0.013	U	0.013	U
Fluorene	mg/kg	100	100	30	0.0055	U	0.0059	U	0.0058	U
Phenanthrene	mg/kg	100	100	100	0.0071	U	0.0076	U	0.0075	U
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.017	U	0.019	U	0.018	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.016	U	0.017	U	0.017	U
Pyrene	mg/kg	100	100	100	0.010	U	0.011	U	0.011	U
Biphenyl	mg/kg				0.0053	U	0.0057	U	0.0056	U
4-Chloroaniline	mg/kg				0.028	U	0.030	U	0.030	U
2-Nitroaniline	mg/kg				0.015	U	0.016	U	0.016	U
3-Nitroaniline	mg/kg				0.022	U	0.023	U	0.023	U
4-Nitroaniline	mg/kg				0.015	U	0.016	U	0.016	U
Dibenzofuran	mg/kg	14	59	7	0.0057	U	0.0061	U	0.0060	U
2-Methylnaphthalene	mg/kg	0.41			0.0050	U	0.0054	U	0.012	J
1,2,4,5-Tetrachlorobenzene	mg/kg				0.0053	U	0.0057	U	0.0056	U
Acetophenone	mg/kg				0.0065	U	0.0070	U	0.0068	U
2,4,6-Trichlorophenol	mg/kg				0.020	U	0.022	U	0.021	U
p-Chloro-m-cresol	mg/kg									
2-Chlorophenol	mg/kg				0.0056	U	0.0061	U	0.0060	U
2,4-Dichlorophenol	mg/kg				0.0085	U	0.0091	U	0.0090	U
2,4-Dimethylphenol	mg/kg				0.018	U	0.019	U	0.019	U
2-Nitrophenol	mg/kg				0.013	U	0.014	U	0.014	U
4-Nitrophenol	mg/kg				0.066	U	0.071	U	0.069	U
2,4-Dinitrophenol	mg/kg				0.20	U	0.21	U	0.21	U
4,6-Dinitro-o-cresol	mg/kg									
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.083	U	0.089	U	0.087	U
Phenol	mg/kg	100	100	0.33	0.0060	U	0.0064	U	0.0063	U
2-Methylphenol	mg/kg	100	100	0.33	0.0065	U	0.0070	U	0.0069	U
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.0069	U	0.0074	U	0.0072	U
2,4,5-Trichlorophenol	mg/kg				0.013	U	0.014	U	0.014	U
Benzoic Acid	mg/kg									
Benzyl Alcohol	mg/kg									
Carbazole	mg/kg				0.0047	U	0.0051	U	0.0050	U
1,4-Dioxane	mg/kg	9.8	13	0.1						
2,2'-oxybis[1-chloropropane]	mg/kg				0.0073	U	0.0078	U	0.0077	U
2,3,4,6-Tetrachlorophenol	mg/kg				0.027	U	0.029	U	0.029	U
4,6-Dinitro-2-methylphenol	mg/kg				0.065	U	0.070	U	0.069	U
4-Chloro-3-methylphenol	mg/kg				0.0067	U	0.0072	U	0.0071	U
Atrazine	mg/kg				0.010	U	0.011	U	0.011	U
Benzaldehyde	mg/kg				0.018	U	0.019	U	0.019	U
Caprolactam	mg/kg				0.024	U	0.026	U	0.025	U
N-Nitrosodiphenylamine	mg/kg				0.0077	U	0.0083	U	0.0081	U
Total Conc	mg/kg				0.0		0.015		0.066	
Total Estimated Conc. (TICs)	mg/kg				6.6		1.1		30.0	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-8(7.5-8)		S-9 (2.5-3)		S-10 (5.5-6)	
SAMPLING DATE					7/17/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-186947-5		460-187026-1		460-187026-2	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	mg/kg	100	100	20	0.028	U	0.029	U	0.031	U
1,2,4-Trichlorobenzene	mg/kg									
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.0056	U	0.0058	U	0.0062	U
Bis(2-chloroethyl)ether	mg/kg				0.0046	U	0.0047	U	0.0051	U
2-Chloronaphthalene	mg/kg				0.018	U	0.018	U	0.020	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1						
1,3-Dichlorobenzene	mg/kg	17	49	2.4						
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8						
3,3'-Dichlorobenzidine	mg/kg				0.058	U	0.059	U	0.064	U
2,4-Dinitrotoluene	mg/kg				0.019	U	0.020	U	0.022	U
2,6-Dinitrotoluene	mg/kg				0.012	U	0.013	U	0.014	U
Fluoranthene	mg/kg	100	100	100	0.0050	U	0.0051	U	0.0055	U
4-Chlorophenyl phenyl ether	mg/kg				0.0060	U	0.0062	U	0.0067	U
4-Bromophenyl phenyl ether	mg/kg				0.0049	U	0.0051	U	0.0055	U
Bis(2-chloroisopropyl)ether	mg/kg									
Bis(2-chloroethoxy)methane	mg/kg				0.013	U	0.013	U	0.015	U
Hexachlorobutadiene	mg/kg				0.0081	U	0.0084	U	0.0091	U
Hexachlorocyclopentadiene	mg/kg				0.033	U	0.034	U *	0.037	U *
Hexachloroethane	mg/kg				0.0059	U	0.0061	U	0.0066	U
Isophorone	mg/kg				0.010	U	0.010	U *	0.011	U *
Naphthalene	mg/kg	100	100	12	0.0066	U	0.0068	U	0.0074	U
Nitrobenzene	mg/kg				0.0092	U	0.0094	U	0.010	U
NDPA/DPA	mg/kg									
n-Nitrosodi-n-propylamine	mg/kg				0.0061	U	0.0063	U	0.0068	U
Bis(2-ethylhexyl)phthalate	mg/kg				0.020	U	0.021	U	0.023	U
Butyl benzyl phthalate	mg/kg				0.018	U	0.018	U	0.020	U
Di-n-butylphthalate	mg/kg				0.067	U	0.069	U	0.075	U
Di-n-octylphthalate	mg/kg				0.020	U	0.021	U	0.023	U
Diethyl phthalate	mg/kg				0.0055	U	0.0057	U	0.0062	U
Dimethyl phthalate	mg/kg				0.0046	U	0.0047	U	0.0051	U
Benzo(a)anthracene	mg/kg	1	1	1	0.013	U	0.014	U	0.015	U
Benzo(a)pyrene	mg/kg	1	1	1	0.010	U	0.010	U	0.011	U
Benzo(b)fluoranthene	mg/kg	1	1	1	0.0099	U	0.010	U	0.011	U
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.0075	U	0.0077	U	0.0084	U
Chrysene	mg/kg	1	3.9	1	0.0064	U	0.0066	U	0.0072	U
Acenaphthylene	mg/kg	100	100	100	0.0039	U	0.0041	U	0.0044	U
Anthracene	mg/kg	100	100	100	0.0043	U	0.0044	U	0.0048	U
Benzo(ghi)perylene	mg/kg	100	100	100	0.011	U	0.012	U	0.013	U
Fluorene	mg/kg	100	100	30	0.0052	U	0.0053	U	0.0058	U
Phenanthrene	mg/kg	100	100	100	0.0067	U	0.0069	U	0.0075	U
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.017	U	0.017	U	0.018	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.015	U	0.015	U	0.017	U
Pyrene	mg/kg	100	100	100	0.0095	U	0.0098	U	0.011	U
Biphenyl	mg/kg				0.0051	U	0.0052	U	0.0057	U
4-Chloroaniline	mg/kg				0.027	U	0.027	U	0.030	U
2-Nitroaniline	mg/kg				0.014	U	0.015	U	0.016	U
3-Nitroaniline	mg/kg				0.021	U	0.021	U	0.023	U
4-Nitroaniline	mg/kg				0.014	U	0.015	U	0.016	U
Dibenzofuran	mg/kg	14	59	7	0.0054	U	0.0055	U	0.0060	U
2-Methylnaphthalene	mg/kg	0.41			0.0048	U	0.0049	U	0.0053	U
1,2,4,5-Tetrachlorobenzene	mg/kg				0.0050	U	0.0051	U	0.0056	U
Acetophenone	mg/kg				0.0062	U	0.0063	U	0.0069	U
2,4,6-Trichlorophenol	mg/kg				0.019	U	0.020	U	0.021	U
p-Chloro-m-cresol	mg/kg									
2-Chlorophenol	mg/kg				0.0053	U	0.0055	U	0.0060	U
2,4-Dichlorophenol	mg/kg				0.0081	U	0.0083	U	0.0090	U
2,4-Dimethylphenol	mg/kg				0.017	U	0.017	U	0.019	U
2-Nitrophenol	mg/kg				0.012	U	0.013	U	0.014	U
4-Nitrophenol	mg/kg				0.062	U	0.064	U	0.069	U
2,4-Dinitrophenol	mg/kg				0.19	U	0.19	U	0.21	U
4,6-Dinitro-o-cresol	mg/kg									
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.078	U	0.30	J	0.087	U
Phenol	mg/kg	100	100	0.33	0.0057	U	0.0058	U	0.0063	U
2-Methylphenol	mg/kg	100	100	0.33	0.0062	U	0.0063	U	0.0069	U
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.0065	U	0.0067	U	0.0073	U
2,4,5-Trichlorophenol	mg/kg				0.013	U	0.013	U	0.014	U
Benzoic Acid	mg/kg									
Benzyl Alcohol	mg/kg									
Carbazole	mg/kg				0.0045	U	0.0046	U	0.0050	U
1,4-Dioxane	mg/kg	9.8	13	0.1						
2,2'-oxybis[1-chloropropane]	mg/kg				0.0069	U	0.0071	U	0.0077	U
2,3,4,6-Tetrachlorophenol	mg/kg				0.026	U	0.027	U	0.029	U
4,6-Dinitro-2-methylphenol	mg/kg				0.062	U	0.064	U	0.069	U
4-Chloro-3-methylphenol	mg/kg				0.0063	U	0.0065	U	0.0071	U
Atrazine	mg/kg				0.0096	U	0.0099	U	0.011	U
Benzaldehyde	mg/kg				0.017	U	0.017	U	0.019	U
Caprolactam	mg/kg				0.023	U	0.024	U	0.025	U
N-Nitrosodiphenylamine	mg/kg				0.0073	U	0.0075	U	0.0081	U
Total Conc	mg/kg				0.0		0.3		0.0	
Total Estimated Conc. (TICs)	mg/kg				0.67		0.91		5.14	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-11 (2.5-3)		S-12 (2-2.5)		S-13 (4-4.5)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-3		460-187026-4		460-187026-5	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	mg/kg	100	100	20	0.029	U	0.027	U F1	0.027	U
1,2,4-Trichlorobenzene	mg/kg									
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.0059	U	0.0055	U	0.0055	U
Bis(2-chloroethyl)ether	mg/kg				0.0049	U	0.0046	U F1	0.0045	U
2-Chloronaphthalene	mg/kg				0.019	U	0.017	U F1	0.017	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1						
1,3-Dichlorobenzene	mg/kg	17	49	2.4						
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8						
3,3'-Dichlorobenzidine	mg/kg				0.061	U	0.057	U	0.057	U
2,4-Dinitrotoluene	mg/kg				0.020	U	0.019	U F1	0.019	U
2,6-Dinitrotoluene	mg/kg				0.013	U	0.012	U F1	0.012	U
Fluoranthene	mg/kg	100	100	100	0.0052	U	0.0049	U F1	0.0049	U
4-Chlorophenyl phenyl ether	mg/kg				0.0063	U	0.0059	U F1	0.0059	U
4-Bromophenyl phenyl ether	mg/kg				0.0052	U	0.0049	U	0.0049	U
Bis(2-chloroisopropyl)ether	mg/kg									
Bis(2-chloroethoxy)methane	mg/kg				0.014	U	0.013	U F1	0.013	U
Hexachlorobutadiene	mg/kg				0.0086	U	0.0080	U F1	0.0080	U
Hexachlorocyclopentadiene	mg/kg				0.035	U *	0.033	U * F1	0.033	U *
Hexachloroethane	mg/kg				0.0062	U	0.0058	U F1	0.0058	U
Isophorone	mg/kg				0.011	U *	0.0099	U * F1	0.0099	U *
Naphthalene	mg/kg	100	100	12	0.0070	U	0.0065	U F1	0.0065	U
Nitrobenzene	mg/kg				0.0097	U	0.0091	U F1	0.0090	U
NDPA/DPA	mg/kg									
n-Nitrosodi-n-propylamine	mg/kg				0.0064	U	0.0060	U F1	0.0060	U
Bis(2-ethylhexyl)phthalate	mg/kg				0.021	U	0.020	U F1	0.020	U
Butyl benzyl phthalate	mg/kg				0.019	U	0.018	U F1	0.018	U
Di-n-butylphthalate	mg/kg				0.071	U	0.067	U F1	0.066	U
Di-n-octylphthalate	mg/kg				0.021	U	0.020	U	0.020	U
Diethyl phthalate	mg/kg				0.0058	U	0.0055	U F1	0.0054	U
Dimethyl phthalate	mg/kg				0.0049	U	0.0045	U F1	0.0045	U
Benzo(a)anthracene	mg/kg	1	1	1	0.014	U	0.013	U F1	0.013	U
Benzo(a)pyrene	mg/kg	1	1	1	0.011	U	0.010	U F1	0.010	U
Benzo(b)fluoranthene	mg/kg	1	1	1	0.010	U	0.0098	U F1	0.0097	U
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.0079	U	0.0074	U F1	0.0074	U
Chrysene	mg/kg	1	3.9	1	0.0068	U	0.0064	U F1	0.0063	U
Acenaphthylene	mg/kg	100	100	100	0.0042	U	0.0039	U F1	0.0039	U
Anthracene	mg/kg	100	100	100	0.0045	U	0.0042	U F1	0.0042	U
Benzo(ghi)perylene	mg/kg	100	100	100	0.012	U	0.011	U	0.011	U
Fluorene	mg/kg	100	100	30	0.0055	U	0.0051	U F1	0.0051	U
Phenanthrene	mg/kg	100	100	100	0.0071	U	0.0066	U F1	0.0066	U
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.017	U	0.016	U	0.016	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.016	U	0.015	U	0.015	U
Pyrene	mg/kg	100	100	100	0.010	U	0.0094	U F1	0.0093	U
Biphenyl	mg/kg				0.0053	U	0.0050	U F1	0.0050	U
4-Chloroaniline	mg/kg				0.028	U	0.026	U	0.026	U
2-Nitroaniline	mg/kg				0.015	U	0.014	U F1	0.014	U
3-Nitroaniline	mg/kg				0.022	U	0.020	U	0.020	U
4-Nitroaniline	mg/kg				0.015	U	0.014	U	0.014	U
Dibenzofuran	mg/kg	14	59	7	0.0057	U	0.0053	U F1	0.0053	U
2-Methylnaphthalene	mg/kg	0.41			0.0050	U	0.0047	U F1	0.0047	U
1,2,4,5-Tetrachlorobenzene	mg/kg				0.0053	U	0.0049	U F1	0.0049	U
Acetophenone	mg/kg				0.0065	U	0.0061	U F1	0.0061	U
2,4,6-Trichlorophenol	mg/kg				0.020	U	0.019	U F1	0.019	U
p-Chloro-m-cresol	mg/kg									
2-Chlorophenol	mg/kg				0.0056	U	0.0053	U F1	0.0053	U
2,4-Dichlorophenol	mg/kg				0.0085	U	0.0080	U F1	0.0079	U
2,4-Dimethylphenol	mg/kg				0.018	U	0.017	U F1	0.017	U
2-Nitrophenol	mg/kg				0.013	U	0.012	U F1	0.012	U
4-Nitrophenol	mg/kg				0.066	U	0.061	U	0.061	U
2,4-Dinitrophenol	mg/kg				0.20	U	0.19	U F1	0.18	U
4,6-Dinitro-o-cresol	mg/kg									
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.082	U	0.077	U F1	0.077	U
Phenol	mg/kg	100	100	0.33	0.0060	U	0.0056	U F1	0.0056	U
2-Methylphenol	mg/kg	100	100	0.33	0.0065	U	0.0061	U F1	0.0061	U
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.0069	U	0.0064	U F1	0.0064	U
2,4,5-Trichlorophenol	mg/kg				0.013	U	0.012	U F1	0.012	U
Benzoic Acid	mg/kg									
Benzyl Alcohol	mg/kg									
Carbazole	mg/kg				0.0047	U	0.0044	U F1	0.0044	U
1,4-Dioxane	mg/kg	9.8	13	0.1						
2,2'-oxybis[1-chloropropane]	mg/kg				0.0073	U	0.0068	U F1	0.0068	U
2,3,4,6-Tetrachlorophenol	mg/kg				0.027	U	0.026	U F1	0.025	U
4,6-Dinitro-2-methylphenol	mg/kg				0.065	U	0.061	U F1	0.061	U
4-Chloro-3-methylphenol	mg/kg				0.0067	U	0.0063	U F1	0.0062	U
Atrazine	mg/kg				0.010	U	0.0095	U	0.0095	U
Benzaldehyde	mg/kg				0.018	U	0.016	U F1	0.016	U
Caprolactam	mg/kg				0.024	U	0.023	U	0.022	U
N-Nitrosodiphenylamine	mg/kg				0.0077	U	0.0072	U F1	0.0072	U
Total Conc	mg/kg				0.0		0.0		0.0	
Total Estimated Conc. (TICs)	mg/kg				7.73		6.2		0.58	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-14 (1.5-2)		S-15 (3-3.5)		S-16 (1.5-2)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-6		460-187026-7		460-187026-8	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	mg/kg	100	100	20	0.027	U	0.030	U	0.030	U
1,2,4-Trichlorobenzene	mg/kg									
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.0055	U	0.0060	U	0.0061	U
Bis(2-chloroethyl)ether	mg/kg				0.0045	U	0.0049	U	0.0050	U
2-Chloronaphthalene	mg/kg				0.017	U	0.019	U	0.019	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1						
1,3-Dichlorobenzene	mg/kg	17	49	2.4						
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8						
3,3'-Dichlorobenzidine	mg/kg				0.056	U	0.061	U	0.063	U
2,4-Dinitrotoluene	mg/kg				0.019	U	0.021	U	0.021	U
2,6-Dinitrotoluene	mg/kg				0.012	U	0.013	U	0.013	U
Fluoranthene	mg/kg	100	100	100	0.0048	U	0.0053	U	0.0054	U
4-Chlorophenyl phenyl ether	mg/kg				0.0059	U	0.0064	U	0.0065	U
4-Bromophenyl phenyl ether	mg/kg				0.0048	U	0.0053	U	0.0054	U
Bis(2-chloroisopropyl)ether	mg/kg									
Bis(2-chloroethoxy)methane	mg/kg				0.013	U	0.014	U	0.014	U
Hexachlorobutadiene	mg/kg				0.0079	U	0.0086	U	0.0088	U
Hexachlorocyclopentadiene	mg/kg				0.033	U *	0.036	U *	0.036	U *
Hexachloroethane	mg/kg				0.0058	U	0.0063	U	0.0064	U
Isophorone	mg/kg				0.0098	U *	0.011	U *	0.011	U *
Naphthalene	mg/kg	100	100	12	0.0064	U	0.0070	U	0.0072	U
Nitrobenzene	mg/kg				0.0090	U	0.0098	U	0.010	U
NDPA/DPA	mg/kg									
n-Nitrosodi-n-propylamine	mg/kg				0.0059	U	0.0065	U	0.0066	U
Bis(2-ethylhexyl)phthalate	mg/kg				0.020	U	0.021	U	0.022	U
Butyl benzyl phthalate	mg/kg				0.017	U	0.019	U	0.019	U
Di-n-butylphthalate	mg/kg				0.066	U	0.072	U	0.073	U
Di-n-octylphthalate	mg/kg				0.020	U	0.022	U	0.022	U
Diethyl phthalate	mg/kg				0.0054	U	0.0059	U	0.0060	U
Dimethyl phthalate	mg/kg				0.0045	U	0.0049	U	0.0050	U
Benzo(a)anthracene	mg/kg	1	1	1	0.013	U	0.014	U	0.014	U
Benzo(a)pyrene	mg/kg	1	1	1	0.0099	U	0.011	U	0.011	U
Benzo(b)fluoranthene	mg/kg	1	1	1	0.0096	U	0.011	U	0.011	U
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.0073	U	0.0080	U	0.0081	U
Chrysene	mg/kg	1	3.9	1	0.0063	U	0.0069	U	0.0070	U
Acenaphthylene	mg/kg	100	100	100	0.0039	U	0.0042	U	0.0043	U
Anthracene	mg/kg	100	100	100	0.0042	U	0.0045	U	0.0046	U
Benzo(ghi)perylene	mg/kg	100	100	100	0.011	U	0.012	U	0.012	U
Fluorene	mg/kg	100	100	30	0.0051	U	0.0055	U	0.0056	U
Phenanthrene	mg/kg	100	100	100	0.0066	U	0.0071	U	0.0073	U
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.016	U	0.018	U	0.018	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.015	U	0.016	U	0.016	U
Pyrene	mg/kg	100	100	100	0.0093	U	0.010	U	0.010	U
Biphenyl	mg/kg				0.0050	U	0.0054	U	0.0055	U
4-Chloroaniline	mg/kg				0.026	U	0.028	U	0.029	U
2-Nitroaniline	mg/kg				0.014	U	0.015	U	0.015	U
3-Nitroaniline	mg/kg				0.020	U	0.022	U	0.022	U
4-Nitroaniline	mg/kg				0.014	U	0.015	U	0.015	U
Dibenzofuran	mg/kg	14	59	7	0.0052	U	0.0057	U	0.0058	U
2-Methylnaphthalene	mg/kg	0.41			0.0047	U	0.0051	U	0.0052	U
1,2,4,5-Tetrachlorobenzene	mg/kg				0.0049	U	0.0053	U	0.0054	U
Acetophenone	mg/kg				0.0060	U	0.0066	U	0.0067	U
2,4,6-Trichlorophenol	mg/kg				0.019	U	0.020	U	0.021	U
p-Chloro-m-cresol	mg/kg									
2-Chlorophenol	mg/kg				0.0052	U	0.0057	U	0.0058	U
2,4-Dichlorophenol	mg/kg				0.0079	U	0.0086	U	0.0088	U
2,4-Dimethylphenol	mg/kg				0.016	U	0.018	U	0.018	U
2-Nitrophenol	mg/kg				0.012	U	0.013	U	0.013	U
4-Nitrophenol	mg/kg				0.061	U	0.066	U	0.068	U
2,4-Dinitrophenol	mg/kg				0.18	U	0.20	U	0.20	U
4,6-Dinitro-o-cresol	mg/kg									
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.076	U	0.083	U	0.085	U
Phenol	mg/kg	100	100	0.33	0.0055	U	0.0060	U	0.0061	U
2-Methylphenol	mg/kg	100	100	0.33	0.0060	U	0.0066	U	0.0067	U
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.0064	U	0.0069	U	0.0071	U
2,4,5-Trichlorophenol	mg/kg				0.012	U	0.013	U	0.014	U
Benzoic Acid	mg/kg									
Benzyl Alcohol	mg/kg									
Carbazole	mg/kg				0.0044	U	0.0048	U	0.0049	U
1,4-Dioxane	mg/kg	9.8	13	0.1						
2,2'-oxybis[1-chloropropane]	mg/kg				0.0067	U	0.0074	U	0.0075	U
2,3,4,6-Tetrachlorophenol	mg/kg				0.025	U	0.028	U	0.028	U
4,6-Dinitro-2-methylphenol	mg/kg				0.061	U	0.066	U	0.067	U
4-Chloro-3-methylphenol	mg/kg				0.0062	U	0.0068	U	0.0069	U
Atrazine	mg/kg				0.0094	U	0.010	U	0.010	U
Benzaldehyde	mg/kg				0.016	U	0.018	U	0.018	U
Caprolactam	mg/kg				0.022	U	0.024	U	0.025	U
N-Nitrosodiphenylamine	mg/kg				0.0071	U	0.0078	U	0.0079	U
Total Conc	mg/kg				0.0		0.0		0.0	
Total Estimated Conc. (TICs)	mg/kg				2.67		12.0		25.0	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-17 (2-2.5)		S-18 (3.5-4)		S-19 (3-3.5)	
SAMPLING DATE					7/18/2019		7/18/2019		7/19/2019	
LAB SAMPLE ID					460-187026-9		460-187026-10		460-187054-3	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	mg/kg	100	100	20	0.030	U	0.028	U	0.030	U
1,2,4-Trichlorobenzene	mg/kg									
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.0060	U	0.0057	U	0.0060	U
Bis(2-chloroethyl)ether	mg/kg				0.0049	U	0.0047	U	0.0050	U
2-Chloronaphthalene	mg/kg				0.019	U	0.018	U	0.019	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1						
1,3-Dichlorobenzene	mg/kg	17	49	2.4						
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8						
3,3'-Dichlorobenzidine	mg/kg				0.061	U	0.059	U	0.062	U
2,4-Dinitrotoluene	mg/kg				0.021	U	0.020	U	0.021	U
2,6-Dinitrotoluene	mg/kg				0.013	U	0.013	U	0.013	U
Fluoranthene	mg/kg	100	100	100	0.090	J	0.24	J	0.041	J
4-Chlorophenyl phenyl ether	mg/kg				0.0064	U	0.0061	U	0.0065	U
4-Bromophenyl phenyl ether	mg/kg				0.0053	U	0.0050	U	0.0053	U
Bis(2-chloroisopropyl)ether	mg/kg									
Bis(2-chloroethoxy)methane	mg/kg				0.014	U	0.013	U	0.014	U
Hexachlorobutadiene	mg/kg				0.0086	U	0.0083	U	0.0088	U
Hexachlorocyclopentadiene	mg/kg				0.036	U *	0.034	U	0.036	U
Hexachloroethane	mg/kg				0.0063	U	0.0060	U	0.0064	U
Isophorone	mg/kg				0.011	U *	0.010	U	0.011	U
Naphthalene	mg/kg	100	100	12	0.0070	U	0.026	J	0.0071	U
Nitrobenzene	mg/kg				0.0097	U	0.0093	U	0.0099	U
NDPA/DPA	mg/kg									
n-Nitrosodi-n-propylamine	mg/kg				0.0065	U	0.0062	U	0.0066	U
Bis(2-ethylhexyl)phthalate	mg/kg				0.021	U	0.021	U	0.022	U
Butyl benzyl phthalate	mg/kg				0.019	U	0.018	U	0.019	U
Di-n-butylphthalate	mg/kg				0.072	U	0.069	U	0.073	U
Di-n-octylphthalate	mg/kg				0.021	U	0.021	U	0.022	U
Diethyl phthalate	mg/kg				0.0059	U	0.0056	U	0.0060	U
Dimethyl phthalate	mg/kg				0.0049	U	0.0047	U	0.0050	U
Benzo(a)anthracene	mg/kg	1	1	1	0.054		0.14		0.036	J
Benzo(a)pyrene	mg/kg	1	1	1	0.038	J	0.14		0.026	J
Benzo(b)fluoranthene	mg/kg	1	1	1	0.058		0.21		0.029	J
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.024	J	0.090		0.018	J
Chrysene	mg/kg	1	3.9	1	0.040	J	0.17	J	0.025	J
Acenaphthylene	mg/kg	100	100	100	0.0042	U	0.0040	U	0.0043	U
Anthracene	mg/kg	100	100	100	0.0045	U	0.027	J	0.0046	U
Benzo(ghi)perylene	mg/kg	100	100	100	0.021	J	0.12	J	0.012	J
Fluorene	mg/kg	100	100	30	0.0055	U	0.0053	U	0.0056	U
Phenanthrene	mg/kg	100	100	100	0.020	J	0.10	J	0.017	J
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.018	U	0.038	J	0.018	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.024	J	0.12		0.016	J
Pyrene	mg/kg	100	100	100	0.080	J	0.25	J	0.054	J
Biphenyl	mg/kg				0.0054	U	0.0052	U	0.0055	U
4-Chloroaniline	mg/kg				0.028	U	0.027	U	0.029	U
2-Nitroaniline	mg/kg				0.015	U	0.015	U	0.015	U
3-Nitroaniline	mg/kg				0.022	U	0.021	U	0.022	U
4-Nitroaniline	mg/kg				0.015	U	0.014	U	0.015	U
Dibenzofuran	mg/kg	14	59	7	0.0057	U	0.0055	U	0.0058	U
2-Methylnaphthalene	mg/kg	0.41			0.0051	U	0.029	J	0.0052	U
1,2,4,5-Tetrachlorobenzene	mg/kg				0.0053	U	0.0051	U	0.0054	U
Acetophenone	mg/kg				0.0065	U	0.0063	U	0.0067	U
2,4,6-Trichlorophenol	mg/kg				0.020	U	0.020	U	0.021	U
p-Chloro-m-cresol	mg/kg									
2-Chlorophenol	mg/kg				0.0057	U	0.0054	U	0.0058	U
2,4-Dichlorophenol	mg/kg				0.0086	U	0.0082	U	0.0087	U
2,4-Dimethylphenol	mg/kg				0.018	U	0.017	U	0.018	U
2-Nitrophenol	mg/kg				0.013	U	0.012	U	0.013	U
4-Nitrophenol	mg/kg				0.066	U	0.063	U	0.067	U
2,4-Dinitrophenol	mg/kg				0.20	U	0.19	U	0.20	U
4,6-Dinitro-o-cresol	mg/kg									
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.083	U	0.080	U	0.085	U
Phenol	mg/kg	100	100	0.33	0.0060	U	0.0058	U	0.0061	U
2-Methylphenol	mg/kg	100	100	0.33	0.0065	U	0.0063	U	0.0067	U
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.0069	U	0.0066	U	0.0070	U
2,4,5-Trichlorophenol	mg/kg				0.013	U	0.013	U	0.014	U
Benzoic Acid	mg/kg									
Benzyl Alcohol	mg/kg									
Carbazole	mg/kg				0.0048	U	0.018	J	0.0048	U
1,4-Dioxane	mg/kg	9.8	13	0.1						
2,2'-oxybis[1-chloropropane]	mg/kg				0.0073	U	0.0070	U	0.0075	U
2,3,4,6-Tetrachlorophenol	mg/kg				0.028	U	0.026	U	0.028	U
4,6-Dinitro-2-methylphenol	mg/kg				0.066	U	0.063	U	0.067	U
4-Chloro-3-methylphenol	mg/kg				0.0067	U	0.0065	U	0.0069	U
Atrazine	mg/kg				0.010	U	0.0098	U	0.010	U
Benzaldehyde	mg/kg				0.018	U	0.017	U	0.018	U
Caprolactam	mg/kg				0.024	U	0.023	U	0.025	U
N-Nitrosodiphenylamine	mg/kg				0.0078	U	0.0074	U	0.0079	U
Total Conc	mg/kg				0.449		1.718		0.274	
Total Estimated Conc. (TICs)	mg/kg				16.0		1.2		69.0	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-20 (2-2.5)		S-21 (1.5-2)		S-22 (1.5-2)	
SAMPLING DATE					7/19/2019		7/19/2019		7/19/2019	
LAB SAMPLE ID					460-187054-4		460-187054-5		460-187054-6	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	mg/kg	100	100	20	0.030	U	0.029	U	0.030	U
1,2,4-Trichlorobenzene	mg/kg									
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.0060	U	0.0058	U	0.0060	U
Bis(2-chloroethyl)ether	mg/kg				0.0049	U	0.0047	U	0.0050	U
2-Chloronaphthalene	mg/kg				0.019	U	0.018	U	0.019	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1						
1,3-Dichlorobenzene	mg/kg	17	49	2.4						
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8						
3,3'-Dichlorobenzidine	mg/kg				0.062	U	0.059	U	0.062	U
2,4-Dinitrotoluene	mg/kg				0.021	U	0.020	U	0.021	U
2,6-Dinitrotoluene	mg/kg				0.013	U	0.013	U	0.013	U
Fluoranthene	mg/kg	100	100	100	0.0053	U	0.021	J	0.18	J
4-Chlorophenyl phenyl ether	mg/kg				0.0064	U	0.0062	U	0.0065	U
4-Bromophenyl phenyl ether	mg/kg				0.0053	U	0.0051	U	0.0053	U
Bis(2-chloroisopropyl)ether	mg/kg									
Bis(2-chloroethoxy)methane	mg/kg				0.014	U	0.013	U	0.014	U
Hexachlorobutadiene	mg/kg				0.0087	U				
Hexachlorocyclopentadiene	mg/kg				0.036	U	0.034	U	0.036	U
Hexachloroethane	mg/kg				0.0063	U	0.0061	U	0.0063	U
Isophorone	mg/kg				0.011	U	0.010	U	0.011	U
Naphthalene	mg/kg	100	100	12	0.0071	U	0.0068	U	0.0071	U
Nitrobenzene	mg/kg				0.0098	U	0.0094	U	0.0098	U
NDPA/DPA	mg/kg									
n-Nitrosodi-n-propylamine	mg/kg				0.0065	U	0.0063	U	0.0065	U
Bis(2-ethylhexyl)phthalate	mg/kg				0.022	U	0.12	J	0.12	J
Butyl benzyl phthalate	mg/kg				0.019	U	0.018	U	0.044	J
Di-n-butylphthalate	mg/kg				0.072	U	0.069	U	0.072	U
Di-n-octylphthalate	mg/kg				0.022	U	0.021	U	0.022	U
Diethyl phthalate	mg/kg				0.0059	U	0.0057	U	0.0059	U
Dimethyl phthalate	mg/kg				0.0049	U	0.0047	U	0.0049	U
Benzo(a)anthracene	mg/kg	1	1	1	0.014	U	0.021	J	0.11	
Benzo(a)pyrene	mg/kg	1	1	1	0.011	U	0.010	U	0.092	
Benzo(b)fluoranthene	mg/kg	1	1	1	0.011	U	0.012	J	0.14	
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.0080	U	0.0077	U	0.070	
Chrysene	mg/kg	1	3.9	1	0.0069	U	0.016	J	0.12	J
Acenaphthylene	mg/kg	100	100	100	0.0042	U	0.0041	U	0.013	J
Anthracene	mg/kg	100	100	100	0.0046	U	0.0044	U	0.0046	U
Benzo(ghi)perylene	mg/kg	100	100	100	0.012	U	0.012	U	0.056	J
Fluorene	mg/kg	100	100	30	0.0055	U	0.0053	U	0.0056	U
Phenanthrene	mg/kg	100	100	100	0.0072	U	0.023	J	0.069	J
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.018	U	0.017	U	0.018	J
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.016	U	0.015	U	0.075	
Pyrene	mg/kg	100	100	100	0.010	U	0.025	J	0.19	J
Biphenyl	mg/kg				0.0054	U	0.0052	U	0.0054	U
4-Chloroaniline	mg/kg				0.029	U	0.027	U	0.029	U
2-Nitroaniline	mg/kg				0.015	U	0.015	U	0.015	U
3-Nitroaniline	mg/kg				0.022	U	0.021	U	0.022	U
4-Nitroaniline	mg/kg				0.015	U	0.015	U	0.015	U
Dibenzofuran	mg/kg	14	59	7	0.0057	U	0.0055	U	0.0058	U
2-Methylnaphthalene	mg/kg	0.41			0.0051	U	0.0049	U	0.0051	U
1,2,4,5-Tetrachlorobenzene	mg/kg				0.0053	U	0.0051	U	0.0054	U
Acetophenone	mg/kg				0.0066	U	0.0063	U	0.0066	U
2,4,6-Trichlorophenol	mg/kg				0.021	U	0.020	U	0.021	U
p-Chloro-m-cresol	mg/kg									
2-Chlorophenol	mg/kg				0.0057	U	0.0055	U	0.0057	U
2,4-Dichlorophenol	mg/kg				0.0086	U	0.0083	U	0.0087	U
2,4-Dimethylphenol	mg/kg				0.018	U	0.017	U	0.018	U
2-Nitrophenol	mg/kg				0.013	U	0.013	U	0.013	U
4-Nitrophenol	mg/kg				0.066	U	0.064	U	0.067	U
2,4-Dinitrophenol	mg/kg				0.20	U	0.19	U	0.20	U
4,6-Dinitro-o-cresol	mg/kg									
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.084	U	0.080	U	0.084	U
Phenol	mg/kg	100	100	0.33	0.0060	U	0.0058	U	0.0061	U
2-Methylphenol	mg/kg	100	100	0.33	0.0066	U	0.0063	U	0.0066	U
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.0070	U	0.0067	U	0.0070	U
2,4,5-Trichlorophenol	mg/kg				0.013	U	0.013	U	0.014	U
Benzoic Acid	mg/kg									
Benzyl Alcohol	mg/kg									
Carbazole	mg/kg				0.0048	U	0.0046	U	0.012	J
1,4-Dioxane	mg/kg	9.8	13	0.1						
2,2'-oxybis[1-chloropropane]	mg/kg				0.0074	U	0.0071	U	0.0074	U
2,3,4,6-Tetrachlorophenol	mg/kg				0.028	U	0.027	U	0.028	U
4,6-Dinitro-2-methylphenol	mg/kg				0.066	U	0.064	U	0.067	U
4-Chloro-3-methylphenol	mg/kg				0.0068	U	0.0065	U	0.0068	U
Atrazine	mg/kg				0.010	U	0.0099	U	0.010	U
Benzaldehyde	mg/kg				0.018	U	0.017	U	0.018	U
Caprolactam	mg/kg				0.024	U	0.024	U	0.025	U
N-Nitrosodiphenylamine	mg/kg				0.0078	U	0.0075	U	0.0078	U
Total Conc	mg/kg				0.0		0.238		1.309	
Total Estimated Conc. (TICs)	mg/kg				343.0		185.26		1158.29	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-23 (1-1.5)		SB-27 (5-5.5)		SB-28 (5-5.5)	
SAMPLING DATE					7/19/2019		9/11/2019		9/11/2019	
LAB SAMPLE ID					460-187054-7		L1941489-01		L1941489-02	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS										
Acenaphthene	mg/kg	100	100	20	0.026	U	0.19	U	0.16	U
1,2,4-Trichlorobenzene	mg/kg						0.23	U	0.2	U
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.0052	U	0.14	U	0.12	U
Bis(2-chloroethyl)ether	mg/kg				0.0043	U	0.21	U	0.18	U
2-Chloronaphthalene	mg/kg				0.017	U	0.23	U	0.2	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1			0.23	U	0.2	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4			0.23	U	0.2	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8			0.23	U	0.2	U
3,3'-Dichlorobenzidine	mg/kg				0.054	U	0.23	U	0.2	U
2,4-Dinitrotoluene	mg/kg				0.018	U	0.23	U	0.2	U
2,6-Dinitrotoluene	mg/kg				0.012	U	0.23	U	0.2	U
Fluoranthene	mg/kg	100	100	100	0.0046	U	0.08	J	0.12	U
4-Chlorophenyl phenyl ether	mg/kg				0.0056	U	0.23	U	0.2	U
4-Bromophenyl phenyl ether	mg/kg				0.0046	U	0.23	U	0.2	U
Bis(2-chloroisopropyl)ether	mg/kg						0.28	U	0.24	U
Bis(2-chloroethoxy)methane	mg/kg				0.012	U	0.25	U	0.22	U
Hexachlorobutadiene	mg/kg						0.23	U	0.2	U
Hexachlorocyclopentadiene	mg/kg				0.031	U	0.67	U	0.58	U
Hexachloroethane	mg/kg				0.0055	U	0.19	U	0.16	U
Isophorone	mg/kg				0.0094	U	0.21	U	0.18	U
Naphthalene	mg/kg	100	100	12	0.0062	U	0.23	U	0.2	U
Nitrobenzene	mg/kg				0.0086	U	0.21	U	0.18	U
NDPA/DPA	mg/kg						0.19	U	0.16	U
n-Nitrosodi-n-propylamine	mg/kg				0.0057	U	0.23	U	0.2	U
Bis(2-ethylhexyl)phthalate	mg/kg				0.027	J	0.23	U	0.2	U
Butyl benzyl phthalate	mg/kg				0.017	U	0.23	U	0.2	U
Di-n-butylphthalate	mg/kg				0.063	U	0.23	U	0.2	U
Di-n-octylphthalate	mg/kg				0.019	U	0.23	U	0.2	U
Diethyl phthalate	mg/kg				0.0052	U	0.23	U	0.2	U
Dimethyl phthalate	mg/kg				0.0043	U	0.23	U	0.2	U
Benzo(a)anthracene	mg/kg	1	1	1	0.012	U	0.059	J	0.12	U
Benzo(a)pyrene	mg/kg	1	1	1	0.0095	U	0.19	U	0.16	U
Benzo(b)fluoranthene	mg/kg	1	1	1	0.0093	U	0.07	J	0.12	U
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.0070	U	0.14	U	0.12	U
Chrysene	mg/kg	1	3.9	1	0.0060	U	0.048	J	0.12	U
Acenaphthylene	mg/kg	100	100	100	0.0037	U	0.19	U	0.16	U
Anthracene	mg/kg	100	100	100	0.0040	U	0.14	U	0.12	U
Benzo(ghi)perylene	mg/kg	100	100	100	0.011	U	0.031	J	0.16	U
Fluorene	mg/kg	100	100	30	0.0049	U	0.23	U	0.2	U
Phenanthrene	mg/kg	100	100	100	0.0063	U	0.073	J	0.12	U
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.015	U	0.14	U	0.12	U
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.014	U	0.038	J	0.16	U
Pyrene	mg/kg	100	100	100	0.0089	U	0.07	J	0.12	U
Biphenyl	mg/kg				0.0047	U	0.53	U	0.46	U
4-Chloroaniline	mg/kg				0.025	U	0.23	U	0.2	U
2-Nitroaniline	mg/kg				0.013	U	0.23	U	0.2	U
3-Nitroaniline	mg/kg				0.019	U	0.23	U	0.2	U
4-Nitroaniline	mg/kg				0.013	U	0.23	U	0.2	U
Dibenzofuran	mg/kg	14	59	7	0.0050	U	0.23	U	0.2	U
2-Methylnaphthalene	mg/kg	0.41			0.0045	U	0.28	U	0.24	U
1,2,4,5-Tetrachlorobenzene	mg/kg				0.0047	U	0.23	U	0.2	U
Acetophenone	mg/kg				0.0058	U	0.23	U	0.2	U
2,4,6-Trichlorophenol	mg/kg				0.018	U	0.14	U	0.12	U
p-Chloro-m-cresol	mg/kg						0.23	U	0.2	U
2-Chlorophenol	mg/kg				0.0050	U	0.23	U	0.2	U
2,4-Dichlorophenol	mg/kg				0.0076	U	0.21	U	0.18	U
2,4-Dimethylphenol	mg/kg				0.016	U	0.23	U	0.2	U
2-Nitrophenol	mg/kg				0.011	U	0.5	U	0.44	U
4-Nitrophenol	mg/kg				0.058	U	0.33	U	0.28	U
2,4-Dinitrophenol	mg/kg				0.18	U	1.1	U	0.98	U
4,6-Dinitro-o-cresol	mg/kg						0.61	U	0.53	U
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.073	U	0.19	U	0.16	U
Phenol	mg/kg	100	100	0.33	0.0053	U	0.23	U	0.2	U
2-Methylphenol	mg/kg	100	100	0.33	0.0058	U	0.23	U	0.2	U
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.0061	U	0.34	U	0.29	U
2,4,5-Trichlorophenol	mg/kg				0.012	U	0.23	U	0.2	U
Benzoic Acid	mg/kg						0.76	U	0.66	U
Benzyl Alcohol	mg/kg						0.23	U	0.2	U
Carbazole	mg/kg				0.0042	U	0.23	U	0.2	U
1,4-Dioxane	mg/kg	9.8	13	0.1			0.035	U	0.03	U
2,2'-oxybis[1-chloropropane]	mg/kg				0.0065	U				
2,3,4,6-Tetrachlorophenol	mg/kg				0.024	U				
4,6-Dinitro-2-methylphenol	mg/kg				0.058	U				
4-Chloro-3-methylphenol	mg/kg				0.0059	U				
Atrazine	mg/kg				0.0090	U				
Benzaldehyde	mg/kg				0.016	U				
Caprolactam	mg/kg				0.021	U				
N-Nitrosodiphenylamine	mg/kg				0.0068	U				
Total Conc	mg/kg				0.027					
Total Estimated Conc. (TICs)	mg/kg				361.0					

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 6
500 Main Street, New Rochelle, NY
Semi-Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-29 (7-7.5)		SB-26 (7.5-8)		SB-26 (1.5-2)		SB-29 (2-2.5)	
SAMPLING DATE					9/11/2019		9/11/2019		9/12/2019		9/12/2019	
LAB SAMPLE ID					L1941489-03		L1941489-04		L1941891-04		L1941891-05	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS												
Acenaphthene	mg/kg	100	100	20	0.15	U	0.15	U	0.15	U	0.033	J
1,2,4-Trichlorobenzene	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Hexachlorobenzene	mg/kg	0.33	1.2	0.33	0.11	U	0.11	U	0.11	U	0.11	U
Bis(2-chloroethyl)ether	mg/kg				0.17	U	0.17	U	0.17	U	0.16	U
2-Chloronaphthalene	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.19	U	0.19	U	0.19	U	0.18	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.19	U	0.19	U	0.19	U	0.18	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.19	U	0.19	U	0.19	U	0.18	U
3,3'-Dichlorobenzidine	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
2,4-Dinitrotoluene	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
2,6-Dinitrotoluene	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Fluoranthene	mg/kg	100	100	100	0.11	U	0.11	U	0.045	J	0.7	
4-Chlorophenyl phenyl ether	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
4-Bromophenyl phenyl ether	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Bis(2-chloroisopropyl)ether	mg/kg				0.22	U	0.23	U	0.23	U	0.22	U
Bis(2-chloroethoxy)methane	mg/kg				0.2	U	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Hexachlorocyclopentadiene	mg/kg				0.54	U	0.54	U	0.54	U	0.52	U
Hexachloroethane	mg/kg				0.15	U	0.15	U	0.15	U	0.14	U
Isophorone	mg/kg				0.17	U	0.17	U	0.17	U	0.16	U
Naphthalene	mg/kg	100	100	12	0.19	U	0.19	U	0.19	U	0.18	U
Nitrobenzene	mg/kg				0.17	U	0.17	U	0.17	U	0.16	U
NDPA/DPA	mg/kg				0.15	U	0.15	U	0.15	U	0.14	U
n-Nitrosodi-n-propylamine	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Bis(2-ethylhexyl)phthalate	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Butyl benzyl phthalate	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Di-n-butylphthalate	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Di-n-octylphthalate	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Diethyl phthalate	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Dimethyl phthalate	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Benzo(a)anthracene	mg/kg	1	1	1	0.11	U	0.11	U	0.03	J	0.33	
Benzo(a)pyrene	mg/kg	1	1	1	0.15	U	0.15	U	0.15	U	0.26	
Benzo(b)fluoranthene	mg/kg	1	1	1	0.11	U	0.11	U	0.039	J	0.36	
Benzo(k)fluoranthene	mg/kg	1	3.9	0.8	0.11	U	0.11	U	0.11	U	0.13	
Chrysene	mg/kg	1	3.9	1	0.11	U	0.11	U	0.027	J	0.3	
Acenaphthylene	mg/kg	100	100	100	0.15	U	0.15	U	0.15	U	0.14	U
Anthracene	mg/kg	100	100	100	0.11	U	0.11	U	0.11	U	0.11	
Benzo(ghi)perylene	mg/kg	100	100	100	0.15	U	0.15	U	0.022	J	0.17	
Fluorene	mg/kg	100	100	30	0.19	U	0.19	U	0.19	U	0.029	J
Phenanthrene	mg/kg	100	100	100	0.11	U	0.11	U	0.11	U	0.41	
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33	0.33	0.11	U	0.11	U	0.11	U	0.044	J
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5	0.5	0.15	U	0.15	U	0.15	U	0.18	
Pyrene	mg/kg	100	100	100	0.11	U	0.11	U	0.043	J	0.57	
Biphenyl	mg/kg				0.43	U	0.43	U	0.43	U	0.41	U
4-Chloroaniline	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
2-Nitroaniline	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
3-Nitroaniline	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
4-Nitroaniline	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Dibenzofuran	mg/kg	14	59	7	0.19	U	0.19	U	0.19	U	0.18	U
2-Methylnaphthalene	mg/kg	0.41			0.22	U	0.23	U	0.23	U	0.22	U
1,2,4,5-Tetrachlorobenzene	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Acetophenone	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
2,4,6-Trichlorophenol	mg/kg				0.11	U	0.11	U	0.11	U	0.11	U
p-Chloro-m-cresol	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
2-Chlorophenol	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
2,4-Dichlorophenol	mg/kg				0.17	U	0.17	U	0.17	U	0.16	U
2,4-Dimethylphenol	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
2-Nitrophenol	mg/kg				0.41	U	0.41	U	0.41	U	0.39	U
4-Nitrophenol	mg/kg				0.26	U	0.26	U	0.26	U	0.25	U
2,4-Dinitrophenol	mg/kg				0.9	U	0.91	U	0.91	U	0.87	U
4,6-Dinitro-o-cresol	mg/kg				0.49	U	0.49	U	0.49	U	0.47	U
Pentachlorophenol	mg/kg	2.4	6.7	0.8	0.15	U	0.15	U	0.15	U	0.14	U
Phenol	mg/kg	100	100	0.33	0.19	U	0.19	U	0.19	U	0.18	U
2-Methylphenol	mg/kg	100	100	0.33	0.19	U	0.19	U	0.19	U	0.18	U
3-Methylphenol/4-Methylphenol	mg/kg	34	100	0.33	0.27	U	0.27	U	0.27	U	0.26	U
2,4,5-Trichlorophenol	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Benzoic Acid	mg/kg				0.61	U	0.61	U	0.61	U	0.59	U
Benzyl Alcohol	mg/kg				0.19	U	0.19	U	0.19	U	0.18	U
Carbazole	mg/kg				0.19	U	0.19	U	0.19	U	0.027	J
1,4-Dioxane	mg/kg	9.8	13	0.1	0.028	U	0.028	U	0.028	U	0.027	U
2,2'-oxybis[1-chloropropane]	mg/kg											
2,3,4,6-Tetrachlorophenol	mg/kg											
4,6-Dinitro-2-methylphenol	mg/kg											
4-Chloro-3-methylphenol	mg/kg											
Atrazine	mg/kg											
Benzaldehyde	mg/kg											
Caprolactam	mg/kg											
N-Nitrosodiphenylamine	mg/kg											
Total Conc	mg/kg											
Total Estimated Conc. (TICs)	mg/kg											

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-1(2.5-3.0)		SB-1(4.5-5.0)		SB-2(1.5-2.0)		SB-2(3-3.5)		SB-3(3.5-4.0)	
SAMPLING DATE					7/16/2019		7/16/2019		7/16/2019		7/16/2019		7/16/2019	
LAB SAMPLE ID					460-186859-1		460-186859-2		460-186859-3		460-186859-4		460-186859-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035														
Methylene chloride	mg/kg	51	100	0.05	0.00048	U	0.00052	U	0.022	U	0.018	U	0.00051	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00021	U	0.00023	U	0.025	U	0.021	U	0.00023	U
Chloroform	mg/kg	10	49	0.37	0.00033	U	0.00035	U	0.023	U	0.019	U	0.00035	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00040	U	0.00043	U	0.034	U	0.029	U	0.00043	U
1,2-Dichloropropane	mg/kg				0.00044	U	0.00047	U	0.019	U	0.016	U	0.00047	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00018	U	0.00020	U	0.0083	U	0.0070	U	0.00020	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00015	U	0.00016	U	0.037	U	0.032	U	0.00016	U
Chlorobenzene	mg/kg	100	100	1.1	0.00018	U	0.00020	U	0.025	U	0.021	U	0.00020	U
Trichlorofluoromethane	mg/kg				0.00042	J	0.00045	U	0.033	U	0.028	U	0.00048	J
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00030	U	0.00033	U	0.026	U	0.022	U	0.00033	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00024	U	0.00026	U	0.029	U	0.025	U	0.00026	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00027	U	0.00030	U	0.020	U	0.017	U	0.00029	U
cis-1,3-Dichloropropene	mg/kg				0.00028	U	0.00030	U	0.023	U	0.019	U	0.00030	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00044	U	0.00047	U	0.019	U	0.016	U	0.00047	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00022	U	0.00024	U	0.020	U	0.017	U	0.00024	U
Benzene	mg/kg	2.9	4.8	0.06	0.00027	U	0.00029	U	0.021	U	0.018	U	0.00029	U
Toluene	mg/kg	100	100	0.7	0.00024	U	0.00026	U	0.026	U	0.022	U	0.00026	U
Ethylbenzene	mg/kg	30	41	1	0.00020	U	0.00022	U	0.047	J	0.041	J	0.00022	U
Chloromethane	mg/kg				0.00045	U	0.00048	U	0.042	U	0.035	U	0.00048	U
Bromomethane	mg/kg				0.00049	U	0.00053	U	0.057	U	0.049	U	0.00053	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00056	U	0.00061	U	0.021	U	0.018	U	0.00060	U
Chloroethane	mg/kg				0.00054	U	0.00058	U	0.038	U	0.032	U	0.00058	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00023	U	0.00025	U	0.027	U	0.023	U	0.00025	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00025	U	0.00027	U	0.019	U	0.016	U	0.00027	U
Trichloroethene	mg/kg	10	21	0.47	0.00015	U	0.00016	U	0.023	U	0.019	U	0.00016	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00015	U	0.00016	U	0.023	U	0.019	U	0.00016	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00016	U	0.00018	U	0.034	U	0.029	U	0.00018	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00023	U	0.00025	U	0.035	U	0.029	U	0.00025	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00013	U	0.00014	U	0.013	U	0.011	U	0.00014	U
p/m-Xylene	mg/kg				0.00018	U	0.00019	U	0.071	J	0.079	J	0.00019	U
o-Xylene	mg/kg				0.00020	U	0.00022	U	0.050	J	0.040	J	0.00021	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00016	U	0.00017	U	0.027	U	0.023	U	0.00017	U
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00029	U	0.00031	U	0.018	U	0.015	U	0.00031	U
Dichlorodifluoromethane	mg/kg				0.00035	U	0.00038	U	0.032	U	0.027	U	0.00037	U
Acetone	mg/kg	100	100	0.05	0.0059	U	0.0064	U	0.46	U	0.39	U	0.0098	
Carbon disulfide	mg/kg				0.00027	U	0.00030	U	0.070	U	0.059	U	0.00029	U
2-Butanone	mg/kg	100	100	0.12	0.0028	U	0.0030	U	0.23	U	0.19	U	0.0030	U
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0016	U	0.0017	U	0.14	U	0.11	U	0.0017	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0018	U	0.0019	U	0.12	U	0.099	U	0.0019	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00047	U	0.00051	U	0.024	U	0.020	U	0.00051	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00013	U	0.00014	U	0.053	J	0.12		0.00014	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00019	U	0.00020	U	0.036	U	0.031	U	0.00020	U
1,2,4-Trichlorobenzene	mg/kg				0.00037	U	0.00040	U	0.028	U	0.024	U	0.00040	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0095	U	0.010	U	0.90	U	0.76	U	0.010	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-1(2.5-3.0)		SB-1(4.5-5.0)		SB-2(1.5-2.0)		SB-2(3-3.5)		SB-3(3.5-4.0)	
SAMPLING DATE					7/16/2019		7/16/2019		7/16/2019		7/16/2019		7/16/2019	
LAB SAMPLE ID					460-186859-1		460-186859-2		460-186859-3		460-186859-4		460-186859-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High														
Methylene chloride	mg/kg	51	100	0.05	0.00048	U	0.00052	U	0.022	U	0.018	U	0.00051	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00021	U	0.00023	U	0.025	U	0.021	U	0.00023	U
Chloroform	mg/kg	10	49	0.37	0.00033	U	0.00035	U	0.023	U	0.019	U	0.00035	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00040	U	0.00043	U	0.034	U	0.029	U	0.00043	U
1,2-Dichloropropane	mg/kg				0.00044	U	0.00047	U	0.019	U	0.016	U	0.00047	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00018	U	0.00020	U	0.0083	U	0.0070	U	0.00020	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00015	U	0.00016	U	0.037	U	0.032	U	0.00016	U
Chlorobenzene	mg/kg	100	100	1.1	0.00018	U	0.00020	U	0.025	U	0.021	U	0.00020	U
Trichlorofluoromethane	mg/kg				0.00042	J	0.00045	U	0.033	U	0.028	U	0.00048	J
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00030	U	0.00033	U	0.026	U	0.022	U	0.00033	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00024	U	0.00026	U	0.029	U	0.025	U	0.00026	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00027	U	0.00030	U	0.020	U	0.017	U	0.00029	U
cis-1,3-Dichloropropene	mg/kg				0.00028	U	0.00030	U	0.023	U	0.019	U	0.00030	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00044	U	0.00047	U	0.019	U	0.016	U	0.00047	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00022	U	0.00024	U	0.020	U	0.017	U	0.00024	U
Benzene	mg/kg	2.9	4.8	0.06	0.00027	U	0.00029	U	0.021	U	0.018	U	0.00029	U
Toluene	mg/kg	100	100	0.7	0.00024	U	0.00026	U	0.026	U	0.022	U	0.00026	U
Ethylbenzene	mg/kg	30	41	1	0.00020	U	0.00022	U	0.047	J	0.041	J	0.00022	U
Chloromethane	mg/kg				0.00045	U	0.00048	U	0.042	U	0.035	U	0.00048	U
Bromomethane	mg/kg				0.00049	U	0.00053	U	0.057	U	0.049	U	0.00053	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00056	U	0.00061	U	0.021	U	0.018	U	0.00060	U
Chloroethane	mg/kg				0.00054	U	0.00058	U	0.038	U	0.032	U	0.00058	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00023	U	0.00025	U	0.027	U	0.023	U	0.00025	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00025	U	0.00027	U	0.019	U	0.016	U	0.00027	U
Trichloroethene	mg/kg	10	21	0.47	0.00015	U	0.00016	U	0.023	U	0.019	U	0.00016	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00015	U	0.00016	U	0.023	U	0.019	U	0.00016	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00016	U	0.00018	U	0.034	U	0.029	U	0.00018	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00023	U	0.00025	U	0.035	U	0.029	U	0.00025	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00013	U	0.00014	U	0.013	U	0.011	U	0.00014	U
p/m-Xylene	mg/kg				0.00018	U	0.00019	U	0.071	J	0.079	J	0.00019	U
o-Xylene	mg/kg				0.00020	U	0.00022	U	0.050	J	0.040	J	0.00021	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00016	U	0.00017	U	0.027	U	0.023	U	0.00017	U
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00029	U	0.00031	U	0.018	U	0.015	U	0.00031	U
Dichlorodifluoromethane	mg/kg				0.00035	U	0.00038	U	0.032	U	0.027	U	0.00037	U
Acetone	mg/kg	100	100	0.05	0.0059	U	0.0064	U	0.46	U	0.39	U	0.0098	
Carbon disulfide	mg/kg				0.00027	U	0.00030	U	0.070	U	0.059	U	0.00029	U
2-Butanone	mg/kg	100	100	0.12	0.0028	U	0.0030	U	0.23	U	0.19	U	0.0030	U
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0016	U	0.0017	U	0.14	U	0.11	U	0.0017	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0018	U	0.0019	U	0.12	U	0.099	U	0.0019	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00047	U	0.00051	U	0.024	U	0.020	U	0.00051	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00013	U	0.00014	U	0.053	J	0.12		0.00014	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00019	U	0.00020	U	0.036	U	0.031	U	0.00020	U
1,2,4-Trichlorobenzene	mg/kg				0.00037	U	0.00040	U	0.028	U	0.024	U	0.00040	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0095	U	0.010	U	0.90	U	0.76	U	0.010	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													
1,1,2-Trichloro-1,2,2-trifluoroethane		100			0.00031	U	0.00033	U	0.035	U	0.030	U	0.00033	U
Chlorobromomethane					0.00029	U	0.00031	U	0.031	U	0.026	U	0.00031	U
Chlorodibromomethane					0.00020	U	0.00022	U	0.023	U	0.019	U	0.00021	U
Cyclohexane					0.00023	U	0.00025	U	0.035	J	0.032	J	0.00024	U
Dichlorobromomethane					0.00026	U	0.00029	U	0.016	U	0.013	U	0.00028	U
Ethylene Dibromide					0.00019	U	0.00020	U	0.020	U	0.017	U	0.00020	U
Methyl acetate					0.0044	U	0.0048	U	0.081	U	0.069	U	0.0048	U
Methylcyclohexane					0.00051	U	0.00056	U	0.26		0.41		0.00055	U
Total Conc					0.00042		0.0		0.516		0.722		0.01028	
Total Estimated Conc. (TICs)					0.0*T		0.0*T		46.3		74.9		0.0073	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
* : LCS or LCSD is outside acceptance limits.
*T There are no TICs reported for the sample

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-4(4-4.5)		S-5(2-2.5)		S-6(5-5.5)		S-7(2.5-3)		S-8(7.5-8)	
SAMPLING DATE					7/17/2019		7/17/2019		7/17/2019		7/17/2019		7/17/2019	
LAB SAMPLE ID					460-186947-1		460-186947-2		460-186947-3		460-186947-4		460-186947-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035														
Methylene chloride	mg/kg	51	100	0.05	0.00048	U	0.00043	U	0.00056	U	0.00052	U	0.00043	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00021	U	0.00019	U	0.00025	U	0.00023	U	0.00019	U
Chloroform	mg/kg	10	49	0.37	0.00033	U	0.00029	U	0.00038	U	0.00036	U	0.00029	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00040	U	0.00036	U	0.00046	U	0.00044	U	0.00036	U
1,2-Dichloropropane	mg/kg				0.00044	U	0.00039	U	0.00051	U	0.00048	U	0.00039	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00018	U	0.00016	U	0.00021	U	0.00020	U	0.00016	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00015	U	0.00013	U	0.00065	J	0.00016	U	0.00013	U
Chlorobenzene	mg/kg	100	100	1.1	0.00018	U	0.00016	U	0.00021	U	0.00020	U	0.00016	U
Trichlorofluoromethane	mg/kg				0.00042	U	0.00038	U	0.00049	U	0.00046	U	0.00038	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00031	U	0.00027	U	0.00036	U	0.00033	U	0.00027	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00024	U	0.00022	U	0.00028	U	0.00026	U	0.00022	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00028	U	0.00025	U	0.00032	U	0.00030	U	0.00025	U
cis-1,3-Dichloropropene	mg/kg				0.00028	U	0.00025	U	0.00033	U	0.00031	U	0.00025	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00044	U	0.00039	U	0.00051	U	0.00048	U	0.00039	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00022	U	0.00020	U	0.00026	U	0.00024	U	0.00020	U
Benzene	mg/kg	2.9	4.8	0.06	0.00027	U	0.00024	U	0.00031	U	0.00029	U	0.00024	U
Toluene	mg/kg	100	100	0.7	0.00024	U	0.00022	U	0.00028	U	0.00026	U	0.00022	U
Ethylbenzene	mg/kg	30	41	1	0.00021	U	0.00018	U	0.00024	U	0.00022	U	0.00018	U
Chloromethane	mg/kg				0.00045	U	0.00040	U	0.00052	U	0.00049	U	0.00040	U
Bromomethane	mg/kg				0.00049	U	0.00044	U	0.00057	U	0.00053	U	0.00044	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00056	U	0.00050	U	0.00066	U	0.00061	U	0.00050	U
Chloroethane	mg/kg				0.00054	U	0.00048	U	0.00063	U	0.00059	U	0.00048	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00023	U	0.00021	U	0.00027	U	0.00025	U	0.00021	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00025	U	0.00023	U	0.00030	U	0.00028	U	0.00023	U
Trichloroethene	mg/kg	10	21	0.47	0.00015	U	0.00013	U	0.00017	J	0.00016	U	0.00024	J
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00015	U	0.00013	U	0.00017	U	0.00016	U	0.00013	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00016	U	0.00015	U	0.00019	U	0.00018	U	0.00015	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00023	U	0.00021	U	0.00027	U	0.00025	U	0.00021	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00013	U	0.00012	U	0.00015	U	0.00014	U	0.00012	U
p/m-Xylene	mg/kg				0.00018	U	0.00016	U	0.00021	U	0.00020	U	0.00016	U
o-Xylene	mg/kg				0.00020	U	0.00018	U	0.00023	U	0.00022	U	0.00018	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00016	U	0.00014	U	0.00018	U	0.00017	U	0.00095	
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00029	U	0.00026	U	0.00033	U	0.00031	U	0.00026	U
Dichlorodifluoromethane	mg/kg				0.00035	U *	0.00031	U *	0.00041	U *	0.00038	U *	0.00031	U *
Acetone	mg/kg	100	100	0.05	0.0059	U	0.0053	U	0.0069	U	0.0064	U	0.0053	U
Carbon disulfide	mg/kg				0.00028	U	0.00025	U	0.00032	U	0.00030	U	0.00025	U
2-Butanone	mg/kg	100	100	0.12	0.0028	U	0.0025	U	0.0033	U	0.0030	U	0.0025	U
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0016	U	0.0014	U	0.0019	U	0.0017	U	0.0014	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0018	U	0.0016	U	0.0021	U	0.0019	U	0.0016	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00048	U	0.00043	U	0.00055	U	0.00052	U	0.00043	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00013	U	0.00012	U	0.00015	U	0.00014	U	0.00012	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00019	U	0.00017	U	0.00022	U	0.00020	U	0.00017	U
1,2,4-Trichlorobenzene	mg/kg				0.00037	U	0.00033	U	0.00043	U	0.00040	U	0.00033	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0095	U	0.0085	U	0.011	U	0.010	U	0.0085	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-4(4-4.5)		S-5(2-2.5)		S-6(5-5.5)		S-7(2.5-3)		S-8(7.5-8)	
SAMPLING DATE					7/17/2019		7/17/2019		7/17/2019		7/17/2019		7/17/2019	
LAB SAMPLE ID					460-186947-1		460-186947-2		460-186947-3		460-186947-4		460-186947-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High														
Methylene chloride	mg/kg	51	100	0.05	0.00048	U	0.00043	U	0.00056	U	0.00052	U	0.00043	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00021	U	0.00019	U	0.00025	U	0.00023	U	0.00019	U
Chloroform	mg/kg	10	49	0.37	0.00033	U	0.00029	U	0.00038	U	0.00036	U	0.00029	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00040	U	0.00036	U	0.00046	U	0.00044	U	0.00036	U
1,2-Dichloropropane	mg/kg				0.00044	U	0.00039	U	0.00051	U	0.00048	U	0.00039	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00018	U	0.00016	U	0.00021	U	0.00020	U	0.00016	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00015	U	0.00013	U	0.00065	J	0.00016	U	0.00013	U
Chlorobenzene	mg/kg	100	100	1.1	0.00018	U	0.00016	U	0.00021	U	0.00020	U	0.00016	U
Trichlorofluoromethane	mg/kg				0.00042	U	0.00038	U	0.00049	U	0.00046	U	0.00038	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00031	U	0.00027	U	0.00036	U	0.00033	U	0.00027	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00024	U	0.00022	U	0.00028	U	0.00026	U	0.00022	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00028	U	0.00025	U	0.00032	U	0.00030	U	0.00025	U
cis-1,3-Dichloropropene	mg/kg				0.00028	U	0.00025	U	0.00033	U	0.00031	U	0.00025	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00044	U	0.00039	U	0.00051	U	0.00048	U	0.00039	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00022	U	0.00020	U	0.00026	U	0.00024	U	0.00020	U
Benzene	mg/kg	2.9	4.8	0.06	0.00027	U	0.00024	U	0.00031	U	0.00029	U	0.00024	U
Toluene	mg/kg	100	100	0.7	0.00024	U	0.00022	U	0.00028	U	0.00026	U	0.00022	U
Ethylbenzene	mg/kg	30	41	1	0.00021	U	0.00018	U	0.00024	U	0.00022	U	0.00018	U
Chloromethane	mg/kg				0.00045	U	0.00040	U	0.00052	U	0.00049	U	0.00040	U
Bromomethane	mg/kg				0.00049	U	0.00044	U	0.00057	U	0.00053	U	0.00044	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00056	U	0.00050	U	0.00066	U	0.00061	U	0.00050	U
Chloroethane	mg/kg				0.00054	U	0.00048	U	0.00063	U	0.00059	U	0.00048	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00023	U	0.00021	U	0.00027	U	0.00025	U	0.00021	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00025	U	0.00023	U	0.00030	U	0.00028	U	0.00023	U
Trichloroethene	mg/kg	10	21	0.47	0.00015	U	0.00013	U	0.00017	J	0.00016	U	0.00024	J
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00015	U	0.00013	U	0.00017	U	0.00016	U	0.00013	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00016	U	0.00015	U	0.00019	U	0.00018	U	0.00015	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00023	U	0.00021	U	0.00027	U	0.00025	U	0.00021	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00013	U	0.00012	U	0.00015	U	0.00014	U	0.00012	U
p/m-Xylene	mg/kg				0.00018	U	0.00016	U	0.00021	U	0.00020	U	0.00016	U
o-Xylene	mg/kg				0.00020	U	0.00018	U	0.00023	U	0.00022	U	0.00018	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00016	U	0.00014	U	0.00018	U	0.00017	U	0.00095	
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00029	U	0.00026	U	0.00033	U	0.00031	U	0.00026	U
Dichlorodifluoromethane	mg/kg				0.00035	U *	0.00031	U *	0.00041	U *	0.00038	U *	0.00031	U *
Acetone	mg/kg	100	100	0.05	0.0059	U	0.0053	U	0.0069	U	0.0064	U	0.0053	U
Carbon disulfide	mg/kg				0.00028	U	0.00025	U	0.00032	U	0.00030	U	0.00025	U
2-Butanone	mg/kg	100	100	0.12	0.0028	U	0.0025	U	0.0033	U	0.0030	U	0.0025	U
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0016	U	0.0014	U	0.0019	U	0.0017	U	0.0014	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0018	U	0.0016	U	0.0021	U	0.0019	U	0.0016	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00048	U	0.00043	U	0.00055	U	0.00052	U	0.00043	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00013	U	0.00012	U	0.00015	U	0.00014	U	0.00012	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00019	U	0.00017	U	0.00022	U	0.00020	U	0.00017	U
1,2,4-Trichlorobenzene	mg/kg				0.00037	U	0.00033	U	0.00043	U	0.00040	U	0.00033	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0095	U	0.0085	U	0.011	U	0.010	U	0.0085	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													
1,1,2-Trichloro-1,2,2-trifluoroethane		100			0.00031	U	0.00028	U	0.00036	U	0.00034	U	0.00028	U
Chlorobromomethane					0.00029	U	0.00026	U	0.00034	U	0.00032	U	0.00026	U
Chlorodibromomethane					0.00020	U	0.00018	U	0.00023	U	0.00022	U	0.00018	U
Cyclohexane					0.00023	U	0.00020	U	0.00027	U	0.00025	U	0.00020	U
Dichlorobromomethane					0.00027	U	0.00024	U	0.00031	U	0.00029	U	0.00024	U
Ethylene Dibromide					0.00019	U	0.00017	U	0.00022	U	0.00020	U	0.00017	U
Methyl acetate					0.0044	U	0.0040	U	0.0052	U	0.0048	U	0.0040	U
Methylcyclohexane					0.00052	U	0.00046	U	0.00060	U	0.00056	U	0.00046	U
Total Conc					0.0		0.0		0.00082		0.0		0.00119	
Total Estimated Conc. (TICs)					0.0*T		0.0*T		0.0*T		0.287		0.0*T	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
* : LCS or LCSD is outside acceptance limits.
*T There are no TICs reported for the sample

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-9 (2.5-3)		S-10 (5.5-6)		S-11 (2.5-3)		S-12 (2-2.5)		S-13 (4-4.5)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-1		460-187026-2		460-187026-3		460-187026-4		460-187026-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035														
Methylene chloride	mg/kg	51	100	0.05	0.00048	U	0.00050	U	0.00044	U	0.00042	U	0.00041	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00022	U	0.00022	U	0.00020	U	0.00019	U	0.00018	U
Chloroform	mg/kg	10	49	0.37	0.00033	U	0.00034	U	0.00031	U	0.00029	U	0.00028	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00040	U	0.00042	U	0.00037	U	0.00035	U	0.00034	U
1,2-Dichloropropane	mg/kg				0.00044	U	0.00045	U	0.00041	U	0.00038	U	0.00038	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00019	U	0.00019	U	0.00017	U	0.00016	U	0.00016	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00015	U	0.00015	U	0.00014	U	0.00013	U	0.00013	U
Chlorobenzene	mg/kg	100	100	1.1	0.00018	U	0.00019	U	0.00017	U	0.00016	U	0.00016	U
Trichlorofluoromethane	mg/kg				0.00042	U	0.00044	U	0.00039	U	0.00037	U	0.00036	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00031	U	0.00032	U	0.00028	U	0.00027	U	0.00026	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00024	U	0.00025	U	0.00022	U	0.00021	U	0.00021	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00028	U	0.00029	U	0.00025	U	0.00024	U	0.00024	U
cis-1,3-Dichloropropene	mg/kg				0.00029	U	0.00029	U	0.00026	U	0.00025	U	0.00024	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00044	U	0.00046	U	0.00041	U	0.00038	U	0.00038	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00022	U	0.00023	U	0.00021	U	0.00019	U	0.00019	U
Benzene	mg/kg	2.9	4.8	0.06	0.00027	U	0.00028	U	0.00025	U	0.00023	U	0.00023	U
Toluene	mg/kg	100	100	0.7	0.00024	U	0.00025	U	0.00022	U	0.00021	U	0.00021	U
Ethylbenzene	mg/kg	30	41	1	0.00021	U	0.00021	U	0.00019	U	0.00018	U	0.00018	U
Chloromethane	mg/kg				0.00045	U	0.00047	U	0.00042	U	0.00039	U	0.00039	U
Bromomethane	mg/kg				0.00050	U	0.00051	U	0.00045	U	0.00043	U	0.00042	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00057	U	0.00059	U	0.00052	U	0.00049	U	0.00048	U
Chloroethane	mg/kg				0.00055	U	0.00056	U	0.00050	U	0.00047	U	0.00046	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00024	U	0.00024	U	0.00022	U	0.00020	U	0.00020	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00026	U	0.00026	U	0.00024	U	0.00022	U	0.00022	U
Trichloroethene	mg/kg	10	21	0.47	0.00015	U	0.00015	U	0.00014	U	0.00013	U	0.00013	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00015	U	0.00015	U	0.00014	U	0.00013	U	0.00013	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00017	U	0.00017	U	0.00015	U	0.00014	U	0.00014	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00024	U	0.00024	U	0.00022	U	0.00020	U	0.00020	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00013	U	0.00013	U	0.00012	U	0.00011	U	0.00011	U
p/m-Xylene	mg/kg				0.00018	U	0.00019	U	0.00017	U	0.00016	U	0.00015	U
o-Xylene	mg/kg				0.00020	U	0.00021	U	0.00019	U	0.00017	U	0.00017	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00059	J	0.0029		0.00015	U	0.00014	U	0.00013	U
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00029	U	0.00030	U	0.00027	U	0.00025	U	0.00025	U
Dichlorodifluoromethane	mg/kg				0.00035	U *	0.00036	U *	0.00032	U *	0.00030	U *	0.00030	U *
Acetone	mg/kg	100	100	0.05	0.0082		0.011		0.025		0.0051	U	0.0051	U
Carbon disulfide	mg/kg				0.00028	U	0.00029	U	0.00078	J	0.00034	J	0.00024	U
2-Butanone	mg/kg	100	100	0.12	0.0028	U	0.0029	U	0.0026	U	0.0024	U	0.0024	U
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0016	U	0.0017	U	0.0015	U	0.0014	U	0.0014	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0018	U	0.0018	U	0.0016	U	0.0015	U	0.0015	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00048	U	0.00049	U	0.00044	U	0.00041	U	0.00041	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00013	U	0.00014	U	0.00012	U	0.00011	U	0.00011	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00019	U	0.00019	U	0.00017	U	0.00016	U	0.00016	U
1,2,4-Trichlorobenzene	mg/kg				0.00037	U	0.00038	U	0.00034	U	0.00032	U	0.00032	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0096	U	0.0099	U	0.0088	U	0.0083	U	0.0082	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-9 (2.5-3)		S-10 (5.5-6)		S-11 (2.5-3)		S-12 (2-2.5)		S-13 (4-4.5)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-1		460-187026-2		460-187026-3		460-187026-4		460-187026-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High														
Methylene chloride	mg/kg	51	100	0.05	0.00048	U	0.00050	U	0.00044	U	0.00042	U	0.00041	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00022	U	0.00022	U	0.00020	U	0.00019	U	0.00018	U
Chloroform	mg/kg	10	49	0.37	0.00033	U	0.00034	U	0.00031	U	0.00029	U	0.00028	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00040	U	0.00042	U	0.00037	U	0.00035	U	0.00034	U
1,2-Dichloropropane	mg/kg				0.00044	U	0.00045	U	0.00041	U	0.00038	U	0.00038	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00019	U	0.00019	U	0.00017	U	0.00016	U	0.00016	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00015	U	0.00015	U	0.00014	U	0.00013	U	0.00013	U
Chlorobenzene	mg/kg	100	100	1.1	0.00018	U	0.00019	U	0.00017	U	0.00016	U	0.00016	U
Trichlorofluoromethane	mg/kg				0.00042	U	0.00044	U	0.00039	U	0.00037	U	0.00036	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00031	U	0.00032	U	0.00028	U	0.00027	U	0.00026	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00024	U	0.00025	U	0.00022	U	0.00021	U	0.00021	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00028	U	0.00029	U	0.00025	U	0.00024	U	0.00024	U
cis-1,3-Dichloropropene	mg/kg				0.00029	U	0.00029	U	0.00026	U	0.00025	U	0.00024	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00044	U	0.00046	U	0.00041	U	0.00038	U	0.00038	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00022	U	0.00023	U	0.00021	U	0.00019	U	0.00019	U
Benzene	mg/kg	2.9	4.8	0.06	0.00027	U	0.00028	U	0.00025	U	0.00023	U	0.00023	U
Toluene	mg/kg	100	100	0.7	0.00024	U	0.00025	U	0.00022	U	0.00021	U	0.00021	U
Ethylbenzene	mg/kg	30	41	1	0.00021	U	0.00021	U	0.00019	U	0.00018	U	0.00018	U
Chloromethane	mg/kg				0.00045	U	0.00047	U	0.00042	U	0.00039	U	0.00039	U
Bromomethane	mg/kg				0.00050	U	0.00051	U	0.00045	U	0.00043	U	0.00042	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00057	U	0.00059	U	0.00052	U	0.00049	U	0.00048	U
Chloroethane	mg/kg				0.00055	U	0.00056	U	0.00050	U	0.00047	U	0.00046	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00024	U	0.00024	U	0.00022	U	0.00020	U	0.00020	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00026	U	0.00026	U	0.00024	U	0.00022	U	0.00022	U
Trichloroethene	mg/kg	10	21	0.47	0.00015	U	0.00015	U	0.00014	U	0.00013	U	0.00013	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00015	U	0.00015	U	0.00014	U	0.00013	U	0.00013	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00017	U	0.00017	U	0.00015	U	0.00014	U	0.00014	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00024	U	0.00024	U	0.00022	U	0.00020	U	0.00020	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00013	U	0.00013	U	0.00012	U	0.00011	U	0.00011	U
p/m-Xylene	mg/kg				0.00018	U	0.00019	U	0.00017	U	0.00016	U	0.00015	U
o-Xylene	mg/kg				0.00020	U	0.00021	U	0.00019	U	0.00017	U	0.00017	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00059	J	0.0029		0.00015	U	0.00014	U	0.00013	U
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00029	U	0.00030	U	0.00027	U	0.00025	U	0.00025	U
Dichlorodifluoromethane	mg/kg				0.00035	U *	0.00036	U *	0.00032	U *	0.00030	U *	0.00030	U *
Acetone	mg/kg	100	100	0.05	0.0082		0.011		0.025		0.0051	U	0.0051	U
Carbon disulfide	mg/kg				0.00028	U	0.00029	U	0.00078	J	0.00034	J	0.00024	U
2-Butanone	mg/kg	100	100	0.12	0.0028	U	0.0029	U	0.0026	U	0.0024	U	0.0024	U
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0016	U	0.0017	U	0.0015	U	0.0014	U	0.0014	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0018	U	0.0018	U	0.0016	U	0.0015	U	0.0015	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00048	U	0.00049	U	0.00044	U	0.00041	U	0.00041	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00013	U	0.00014	U	0.00012	U	0.00011	U	0.00011	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00019	U	0.00019	U	0.00017	U	0.00016	U	0.00016	U
1,2,4-Trichlorobenzene	mg/kg				0.00037	U	0.00038	U	0.00034	U	0.00032	U	0.00032	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0096	U	0.0099	U	0.0088	U	0.0083	U	0.0082	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													
1,1,2-Trichloro-1,2,2-trifluoroethane		100			0.00031	U	0.00032	U	0.00029	U	0.00027	U	0.00027	U
Chlorobromomethane					0.00029	U	0.00030	U	0.00027	U	0.00025	U	0.00025	U
Chlorodibromomethane					0.00020	U	0.00021	U	0.00019	U	0.00017	U	0.00017	U
Cyclohexane					0.00023	U	0.00024	U	0.00021	U	0.00020	U	0.00020	U
Dichlorobromomethane					0.00027	U	0.00028	U	0.00025	U	0.00023	U	0.00023	U
Ethylene Dibromide					0.00019	U	0.00019	U	0.00017	U	0.00016	U	0.00016	U
Methyl acetate					0.0045	U *	0.0046	U *	0.0041	U *	0.0039	U	0.0038	U
Methylcyclohexane					0.00052	U	0.00054	U	0.00048	U	0.00045	U	0.00044	U
Total Conc					0.00879		0.0139		0.02578		0.00034		0.0	
Total Estimated Conc. (TICs)					0.0*T		0.0*T		0.1162		0.0*T		0.0*T	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
* : LCS or LCSD is outside acceptance limits.
*T There are no TICs reported for the sample

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-14 (1.5-2)		S-15 (3-3.5)		S-16 (1.5-2)		S-17 (2-2.5)		S-18 (3.5-4)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-6		460-187026-7		460-187026-8		460-187026-9		460-187026-10	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035														
Methylene chloride	mg/kg	51	100	0.05	0.00045	U	0.00046	U	0.00050	U	0.00048	U	0.00048	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00020	U	0.00021	U	0.00022	U	0.00022	U	0.00021	U
Chloroform	mg/kg	10	49	0.37	0.00031	U	0.00032	U	0.00034	U	0.00033	U	0.00033	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00037	U	0.00039	U	0.00042	U	0.00040	U	0.00040	U
1,2-Dichloropropane	mg/kg				0.00041	U	0.00042	U	0.00046	U	0.00044	U	0.00044	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00017	U	0.00018	U	0.00019	U	0.00019	U	0.00018	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00014	U	0.00014	U	0.00015	U	0.00015	U	0.00015	U
Chlorobenzene	mg/kg	100	100	1.1	0.00017	U	0.00018	U	0.00019	U	0.00018	U	0.00018	U
Trichlorofluoromethane	mg/kg				0.00039	U	0.00041	U	0.00044	U	0.00042	U	0.00042	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00028	U	0.00030	U	0.00032	U	0.00031	U	0.00031	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00022	U	0.00023	U	0.00025	U	0.00024	U	0.00024	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00026	U	0.00027	U	0.00029	U	0.00028	U	0.00028	U
cis-1,3-Dichloropropene	mg/kg				0.00026	U	0.00027	U	0.00030	U	0.00029	U	0.00028	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00041	U	0.00043	U	0.00046	U	0.00044	U	0.00044	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00021	U	0.00021	U	0.00023	U	0.00022	U	0.00022	U
Benzene	mg/kg	2.9	4.8	0.06	0.00025	U	0.00026	U	0.00028	U	0.00027	U	0.00027	U
Toluene	mg/kg	100	100	0.7	0.00023	U	0.00023	U	0.00025	U	0.00024	U	0.00024	U
Ethylbenzene	mg/kg	30	41	1	0.00019	U	0.00020	U	0.00022	U	0.00021	U	0.00021	U
Chloromethane	mg/kg				0.00042	U	0.00044	U	0.00047	U	0.00045	U	0.00045	U
Bromomethane	mg/kg				0.00046	U	0.00047	U	0.00051	U	0.00050	U	0.00049	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00053	U	0.00055	U	0.00059	U	0.00057	U	0.00057	U
Chloroethane	mg/kg				0.00050	U	0.00052	U	0.00056	U	0.00055	U	0.00054	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00022	U	0.00023	U	0.00024	U	0.00024	U	0.00023	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00024	U	0.00025	U	0.00027	U	0.00026	U	0.00025	U
Trichloroethene	mg/kg	10	21	0.47	0.00014	U	0.00014	U	0.00016	U	0.00015	U	0.00015	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00014	U	0.00014	U	0.00016	U	0.00015	U	0.00015	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00015	U	0.00016	U	0.00017	U	0.00017	U	0.00016	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00022	U	0.00023	U	0.00024	U	0.00024	U	0.00023	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00076	J	0.00013	U	0.00014	U	0.00013	U	0.00039	J
p/m-Xylene	mg/kg				0.00017	U	0.00017	U	0.00019	U	0.00018	U	0.00018	U
o-Xylene	mg/kg				0.00019	U	0.00019	U	0.00021	U	0.00020	U	0.00020	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00015	U	0.00015	U	0.00016	U	0.00016	U	0.00016	U
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00027	U	0.00028	U	0.00030	U	0.00029	U	0.00029	U
Dichlorodifluoromethane	mg/kg				0.00033	U *	0.00034	U *	0.00037	U *	0.00035	U *	0.00035	U *
Acetone	mg/kg	100	100	0.05	0.015		0.0080		0.012		0.0096		0.031	
Carbon disulfide	mg/kg				0.00036	J	0.00057	J	0.00029	U	0.00028	U	0.00071	J
2-Butanone	mg/kg	100	100	0.12	0.0026	U	0.0027	U	0.0029	U	0.0028	U	0.0088	
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0015	U	0.0016	U	0.0017	U	0.0016	U	0.0016	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0016	U	0.0017	U	0.0018	U	0.0018	U	0.0018	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00044	U	0.00046	U	0.00050	U	0.00048	U	0.00048	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00012	U	0.00013	U	0.00014	U	0.00013	U	0.00013	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00017	U	0.00018	U	0.00020	U	0.00019	U	0.00019	U
1,2,4-Trichlorobenzene	mg/kg				0.00034	U	0.00036	U	0.00039	U	0.00037	U	0.00037	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0088	U	0.0092	U	0.0099	U	0.0096	U	0.0095	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-14 (1.5-2)		S-15 (3-3.5)		S-16 (1.5-2)		S-17 (2-2.5)		S-18 (3.5-4)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-6		460-187026-7		460-187026-8		460-187026-9		460-187026-10	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High														
Methylene chloride	mg/kg	51	100	0.05	0.00045	U	0.00046	U	0.00050	U	0.00048	U	0.00048	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00020	U	0.00021	U	0.00022	U	0.00022	U	0.00021	U
Chloroform	mg/kg	10	49	0.37	0.00031	U	0.00032	U	0.00034	U	0.00033	U	0.00033	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00037	U	0.00039	U	0.00042	U	0.00040	U	0.00040	U
1,2-Dichloropropane	mg/kg				0.00041	U	0.00042	U	0.00046	U	0.00044	U	0.00044	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00017	U	0.00018	U	0.00019	U	0.00019	U	0.00018	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00014	U	0.00014	U	0.00015	U	0.00015	U	0.00015	U
Chlorobenzene	mg/kg	100	100	1.1	0.00017	U	0.00018	U	0.00019	U	0.00018	U	0.00018	U
Trichlorofluoromethane	mg/kg				0.00039	U	0.00041	U	0.00044	U	0.00042	U	0.00042	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00028	U	0.00030	U	0.00032	U	0.00031	U	0.00031	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00022	U	0.00023	U	0.00025	U	0.00024	U	0.00024	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00026	U	0.00027	U	0.00029	U	0.00028	U	0.00028	U
cis-1,3-Dichloropropene	mg/kg				0.00026	U	0.00027	U	0.00030	U	0.00029	U	0.00028	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00041	U	0.00043	U	0.00046	U	0.00044	U	0.00044	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00021	U	0.00021	U	0.00023	U	0.00022	U	0.00022	U
Benzene	mg/kg	2.9	4.8	0.06	0.00025	U	0.00026	U	0.00028	U	0.00027	U	0.00027	U
Toluene	mg/kg	100	100	0.7	0.00023	U	0.00023	U	0.00025	U	0.00024	U	0.00024	U
Ethylbenzene	mg/kg	30	41	1	0.00019	U	0.00020	U	0.00022	U	0.00021	U	0.00021	U
Chloromethane	mg/kg				0.00042	U	0.00044	U	0.00047	U	0.00045	U	0.00045	U
Bromomethane	mg/kg				0.00046	U	0.00047	U	0.00051	U	0.00050	U	0.00049	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00053	U	0.00055	U	0.00059	U	0.00057	U	0.00057	U
Chloroethane	mg/kg				0.00050	U	0.00052	U	0.00056	U	0.00055	U	0.00054	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00022	U	0.00023	U	0.00024	U	0.00024	U	0.00023	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00024	U	0.00025	U	0.00027	U	0.00026	U	0.00025	U
Trichloroethene	mg/kg	10	21	0.47	0.00014	U	0.00014	U	0.00016	U	0.00015	U	0.00015	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00014	U	0.00014	U	0.00016	U	0.00015	U	0.00015	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00015	U	0.00016	U	0.00017	U	0.00017	U	0.00016	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00022	U	0.00023	U	0.00024	U	0.00024	U	0.00023	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00076	J	0.00013	U	0.00014	U	0.00013	U	0.00039	J
p/m-Xylene	mg/kg				0.00017	U	0.00017	U	0.00019	U	0.00018	U	0.00018	U
o-Xylene	mg/kg				0.00019	U	0.00019	U	0.00021	U	0.00020	U	0.00020	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00015	U	0.00015	U	0.00016	U	0.00016	U	0.00016	U
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00027	U	0.00028	U	0.00030	U	0.00029	U	0.00029	U
Dichlorodifluoromethane	mg/kg				0.00033	U *	0.00034	U *	0.00037	U *	0.00035	U *	0.00035	U *
Acetone	mg/kg	100	100	0.05	0.015		0.0080		0.012		0.0096		0.031	
Carbon disulfide	mg/kg				0.00036	J	0.00057	J	0.00029	U	0.00028	U	0.00071	J
2-Butanone	mg/kg	100	100	0.12	0.0026	U	0.0027	U	0.0029	U	0.0028	U	0.0088	
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0015	U	0.0016	U	0.0017	U	0.0016	U	0.0016	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0016	U	0.0017	U	0.0018	U	0.0018	U	0.0018	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00044	U	0.00046	U	0.00050	U	0.00048	U	0.00048	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00012	U	0.00013	U	0.00014	U	0.00013	U	0.00013	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00017	U	0.00018	U	0.00020	U	0.00019	U	0.00019	U
1,2,4-Trichlorobenzene	mg/kg				0.00034	U	0.00036	U	0.00039	U	0.00037	U	0.00037	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0088	U	0.0092	U	0.0099	U	0.0096	U	0.0095	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													
1,1,2-Trichloro-1,2,2-trifluoroethane		100			0.00029	U	0.00030	U	0.00033	U	0.00031	U	0.00031	U
Chlorobromomethane					0.00027	U	0.00028	U	0.00030	U	0.00029	U	0.00029	U
Chlorodibromomethane					0.00019	U	0.00019	U	0.00021	U	0.00020	U	0.00020	U
Cyclohexane					0.00021	U	0.00022	U	0.00024	U	0.00023	U	0.00023	U
Dichlorobromomethane					0.00025	U	0.00026	U	0.00028	U	0.00027	U	0.00027	U
Ethylene Dibromide					0.00017	U	0.00018	U	0.00019	U	0.00019	U	0.00019	U
Methyl acetate					0.0041	U	0.0043	U	0.0046	U	0.0045	U	0.0045	U
Methylcyclohexane					0.00048	U	0.00050	U	0.00054	U	0.00052	U	0.00052	U
Total Conc					0.01612		0.00857		0.012		0.0096		0.0409	
Total Estimated Conc. (TICs)					0.0*T		0.0512		0.042		0.017		0.0*T	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
* : LCS or LCSD is outside acceptance limits.
*T There are no TICs reported for the sample

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-19 (3-3.5)		S-20 (2-2.5)		S-21 (1.5-2)		S-22 (1.5-2)		S-23 (1-1.5)	
SAMPLING DATE					7/19/2019		7/19/2019		7/19/2019		7/19/2019		7/19/2019	
LAB SAMPLE ID					460-187054-3		460-187054-4		460-187054-5		460-187054-6		460-187054-7	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035														
Methylene chloride	mg/kg	51	100	0.05	0.00097	B	0.00089	U	0.00067	U	0.00047	U	0.00050	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00020	U	0.00040	U	0.00030	U	0.00021	U	0.00022	U
Chloroform	mg/kg	10	49	0.37	0.00031	U	0.00062	U	0.0023		0.0010		0.00034	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00037	U	0.00075	U	0.00056	U	0.00039	U	0.00042	U
1,2-Dichloropropane	mg/kg				0.00041	U	0.00082	U	0.00061	U	0.00043	U	0.00046	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00017	U	0.00034	U	0.00026	U	0.00018	U	0.00019	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00014	U	0.00028	U	0.00021	U	0.00014	U	0.00015	U
Chlorobenzene	mg/kg	100	100	1.1	0.00017	U	0.00034	U	0.00025	U	0.00018	U	0.00019	U
Trichlorofluoromethane	mg/kg				0.00039	U	0.00078	U	0.00060	J	0.00051	J	0.00044	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00028	U	0.00057	U	0.00042	U	0.00030	U	0.00032	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00022	U	0.00045	U	0.00033	U	0.00023	U	0.00025	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00026	U	0.00051	U	0.00038	U	0.00027	U	0.00029	U
cis-1,3-Dichloropropene	mg/kg				0.00026	U	0.00053	U	0.00039	U	0.00027	U	0.00029	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00041	U	0.00082	U	0.00061	U	0.00043	U	0.00046	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00021	U	0.00041	U	0.00031	U	0.00022	U	0.00023	U
Benzene	mg/kg	2.9	4.8	0.06	0.00025	U	0.00050	U	0.00051	J	0.00026	U	0.00028	U
Toluene	mg/kg	100	100	0.7	0.00023	U	0.00045	U	0.00034	U	0.00024	U	0.00025	U
Ethylbenzene	mg/kg	30	41	1	0.00019	U	0.00038	U	0.00029	U	0.0013		0.00021	U
Chloromethane	mg/kg				0.00042	U	0.00084	U	0.00062	U	0.00044	U	0.00047	U
Bromomethane	mg/kg				0.00046	U	0.00091	U	0.00068	U	0.00048	U	0.00051	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00053	U	0.0011	U	0.00078	U	0.00055	U	0.00059	U
Chloroethane	mg/kg				0.00050	U	0.0010	U	0.00075	U	0.00053	U	0.00056	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00022	U	0.00043	U	0.00032	U	0.00023	U	0.00024	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00024	U	0.00047	U	0.00035	U	0.00025	U	0.00027	U
Trichloroethene	mg/kg	10	21	0.47	0.00014	U	0.00028	U	0.00021	U	0.00014	U	0.00016	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00014	U	0.00028	U	0.00021	U	0.00014	U	0.00016	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00015	U	0.00031	U	0.00023	U	0.00016	U	0.00017	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00022	U	0.00043	U	0.00032	U	0.00023	U	0.00024	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00048	J	0.0030		0.00018	U	0.00013	U	0.00013	U
p/m-Xylene	mg/kg				0.00017	U	0.00034	U	0.00025	U	0.0057		0.00021	J
o-Xylene	mg/kg				0.00019	U	0.00037	U	0.00028	U	0.0035		0.00021	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00015	U	0.00029	U	0.00022	U	0.00015	U	0.00016	U
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00027	U	0.00054	U	0.00040	U	0.00028	U	0.00030	U
Dichlorodifluoromethane	mg/kg				0.00033	U	0.00065	U	0.00048	U	0.00034	U	0.00036	U
Acetone	mg/kg	100	100	0.05	0.0055	U	0.011	U	0.011		0.018		0.0069	
Carbon disulfide	mg/kg				0.0019		0.0018	J	0.00038	U	0.00073	J	0.00029	U
2-Butanone	mg/kg	100	100	0.12	0.0026	U	0.0052	U	0.0039	U	0.0036	J	0.0029	U
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0015	U	0.0030	U	0.0022	U	0.0016	U	0.0017	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0016	U	0.0033	U	0.0025	U	0.0017	U	0.0018	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00044	U	0.00089	U	0.00066	U	0.00046	U	0.00050	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00015	J	0.00024	U	0.00018	U	0.00013	U	0.00014	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00017	U	0.00035	U	0.00026	U	0.00018	U	0.00020	U
1,2,4-Trichlorobenzene	mg/kg				0.00034	U	0.00069	U	0.00051	U	0.00036	U	0.00039	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0088	U	0.018	U	0.013	U	0.0092	U	0.0099	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-19 (3-3.5)		S-20 (2-2.5)		S-21 (1.5-2)		S-22 (1.5-2)		S-23 (1-1.5)	
SAMPLING DATE					7/19/2019		7/19/2019		7/19/2019		7/19/2019		7/19/2019	
LAB SAMPLE ID					460-187054-3		460-187054-4		460-187054-5		460-187054-6		460-187054-7	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High														
Methylene chloride	mg/kg	51	100	0.05	0.00097	B	0.00089	U	0.00067	U	0.00047	U	0.00050	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00020	U	0.00040	U	0.00030	U	0.00021	U	0.00022	U
Chloroform	mg/kg	10	49	0.37	0.00031	U	0.00062	U	0.0023		0.0010		0.00034	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00037	U	0.00075	U	0.00056	U	0.00039	U	0.00042	U
1,2-Dichloropropane	mg/kg				0.00041	U	0.00082	U	0.00061	U	0.00043	U	0.00046	U
Dibromochloromethane	mg/kg													
1,1,2-Trichloroethane	mg/kg				0.00017	U	0.00034	U	0.00026	U	0.00018	U	0.00019	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00014	U	0.00028	U	0.00021	U	0.00014	U	0.00015	U
Chlorobenzene	mg/kg	100	100	1.1	0.00017	U	0.00034	U	0.00025	U	0.00018	U	0.00019	U
Trichlorofluoromethane	mg/kg				0.00039	U	0.00078	U	0.00060	J	0.00051	J	0.00044	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00028	U	0.00057	U	0.00042	U	0.00030	U	0.00032	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00022	U	0.00045	U	0.00033	U	0.00023	U	0.00025	U
Bromodichloromethane	mg/kg													
trans-1,3-Dichloropropene	mg/kg				0.00026	U	0.00051	U	0.00038	U	0.00027	U	0.00029	U
cis-1,3-Dichloropropene	mg/kg				0.00026	U	0.00053	U	0.00039	U	0.00027	U	0.00029	U
1,3-Dichloropropene, Total	mg/kg													
1,1-Dichloropropene	mg/kg													
Bromoform	mg/kg				0.00041	U	0.00082	U	0.00061	U	0.00043	U	0.00046	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00021	U	0.00041	U	0.00031	U	0.00022	U	0.00023	U
Benzene	mg/kg	2.9	4.8	0.06	0.00025	U	0.00050	U	0.00051	J	0.00026	U	0.00028	U
Toluene	mg/kg	100	100	0.7	0.00023	U	0.00045	U	0.00034	U	0.00024	U	0.00025	U
Ethylbenzene	mg/kg	30	41	1	0.00019	U	0.00038	U	0.00029	U	0.0013		0.00021	U
Chloromethane	mg/kg				0.00042	U	0.00084	U	0.00062	U	0.00044	U	0.00047	U
Bromomethane	mg/kg				0.00046	U	0.00091	U	0.00068	U	0.00048	U	0.00051	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00053	U	0.0011	U	0.00078	U	0.00055	U	0.00059	U
Chloroethane	mg/kg				0.00050	U	0.0010	U	0.00075	U	0.00053	U	0.00056	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00022	U	0.00043	U	0.00032	U	0.00023	U	0.00024	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00024	U	0.00047	U	0.00035	U	0.00025	U	0.00027	U
Trichloroethene	mg/kg	10	21	0.47	0.00014	U	0.00028	U	0.00021	U	0.00014	U	0.00016	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.00014	U	0.00028	U	0.00021	U	0.00014	U	0.00016	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.00015	U	0.00031	U	0.00023	U	0.00016	U	0.00017	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.00022	U	0.00043	U	0.00032	U	0.00023	U	0.00024	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00048	J	0.0030		0.00018	U	0.00013	U	0.00013	U
p/m-Xylene	mg/kg				0.00017	U	0.00034	U	0.00025	U	0.0057		0.00021	J
o-Xylene	mg/kg				0.00019	U	0.00037	U	0.00028	U	0.0035		0.00021	U
Xylenes, Total	mg/kg	100	100	0.26										
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00015	U	0.00029	U	0.00022	U	0.00015	U	0.00016	U
1,2-Dichloroethene, Total	mg/kg													
Dibromomethane	mg/kg													
Styrene	mg/kg				0.00027	U	0.00054	U	0.00040	U	0.00028	U	0.00030	U
Dichlorodifluoromethane	mg/kg				0.00033	U	0.00065	U	0.00048	U	0.00034	U	0.00036	U
Acetone	mg/kg	100	100	0.05	0.0055	U	0.011	U	0.011		0.018		0.0069	
Carbon disulfide	mg/kg				0.0019		0.0018	J	0.00038	U	0.00073	J	0.00029	U
2-Butanone	mg/kg	100	100	0.12	0.0026	U	0.0052	U	0.0039	U	0.0036	J	0.0029	U
Vinyl acetate	mg/kg													
4-Methyl-2-pentanone	mg/kg				0.0015	U	0.0030	U	0.0022	U	0.0016	U	0.0017	U
1,2,3-Trichloropropane	mg/kg													
2-Hexanone	mg/kg				0.0016	U	0.0033	U	0.0025	U	0.0017	U	0.0018	U
Bromochloromethane	mg/kg													
2,2-Dichloropropane	mg/kg													
1,2-Dibromoethane	mg/kg													
1,3-Dichloropropane	mg/kg													
1,1,1,2-Tetrachloroethane	mg/kg													
Bromobenzene	mg/kg													
n-Butylbenzene	mg/kg	100	100	12										
sec-Butylbenzene	mg/kg	100	100	11										
tert-Butylbenzene	mg/kg	100	100	5.9										
o-Chlorotoluene	mg/kg													
p-Chlorotoluene	mg/kg													
1,2-Dibromo-3-chloropropane	mg/kg				0.00044	U	0.00089	U	0.00066	U	0.00046	U	0.00050	U
Hexachlorobutadiene	mg/kg													
Isopropylbenzene	mg/kg				0.00015	J	0.00024	U	0.00018	U	0.00013	U	0.00014	U
p-Isopropyltoluene	mg/kg													
Naphthalene	mg/kg	100	100	12										
Acrylonitrile	mg/kg													
n-Propylbenzene	mg/kg	100	100	3.9										
1,2,3-Trichlorobenzene	mg/kg				0.00017	U	0.00035	U	0.00026	U	0.00018	U	0.00020	U
1,2,4-Trichlorobenzene	mg/kg				0.00034	U	0.00069	U	0.00051	U	0.00036	U	0.00039	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4										
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6										
1,4-Dioxane	mg/kg	9.8	13	0.1	0.0088	U	0.018	U	0.013	U	0.0092	U	0.0099	U
p-Diethylbenzene	mg/kg													
p-Ethyltoluene	mg/kg													
1,2,4,5-Tetramethylbenzene	mg/kg													
Ethyl ether	mg/kg													
trans-1,4-Dichloro-2-butene	mg/kg													
1,1,2-Trichloro-1,2,2-trifluoroethane		100			0.00029	U	0.00058	U	0.00043	U	0.00030	U	0.00032	U
Chlorobromomethane					0.00027	U	0.00054	U	0.00040	U	0.00028	U	0.00030	U
Chlorodibromomethane					0.00019	U	0.00037	U	0.00028	U	0.00020	U	0.00021	U
Cyclohexane					0.00021	U	0.00043	U	0.00032	U	0.00022	U	0.00024	U
Dichlorobromomethane					0.00025	U	0.00050	U	0.00037	U	0.00026	U	0.00028	U
Ethylene Dibromide					0.00017	U	0.00035	U	0.00026	U	0.00018	U	0.00019	U
Methyl acetate					0.0041	U	0.0083	U	0.0062	U	0.0043	U	0.0046	U
Methylcyclohexane					0.00048	U	0.00096	U	0.00072	U	0.00050	U	0.00054	U
Total Conc					0.0035		0.0048		0.01441		0.03434		0.00711	
Total Estimated Conc. (TICs)					0.0*T		0.0*T		0.0*T		0.0*T		0.0*T	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
* : LCS or LCSD is outside acceptance limits.
*T There are no TICs reported for the sample

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-27 (5-5.5)		SB-28 (5-5.5)		SB-29 (7-7.5)	
SAMPLING DATE					9/11/2019		9/11/2019		9/11/2019	
LAB SAMPLE ID					L1941489-01		L1941489-02		L1941489-03	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035										
Methylene chloride	mg/kg	51	100	0.05	0.0066	U	0.005	U	0.0049	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.0013	U	0.00099	U	0.00099	U
Chloroform	mg/kg	10	49	0.37	0.002	U	0.0015	U	0.0015	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.0013	U	0.00099	U	0.00099	U
1,2-Dichloropropane	mg/kg				0.0013	U	0.00099	U	0.00099	U
Dibromochloromethane	mg/kg				0.0013	U	0.00099	U	0.00099	U
1,1,2-Trichloroethane	mg/kg				0.0013	U	0.00099	U	0.00099	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00066	U	0.0005	U	0.00049	U
Chlorobenzene	mg/kg	100	100	1.1	0.00066	U	0.0005	U	0.00049	U
Trichlorofluoromethane	mg/kg				0.0053	U	0.004	U	0.004	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.0013	U	0.00099	U	0.00099	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00066	U	0.0005	U	0.00049	U
Bromodichloromethane	mg/kg				0.00066	U	0.0005	U	0.00049	U
trans-1,3-Dichloropropene	mg/kg				0.0013	U	0.00099	U	0.00099	U
cis-1,3-Dichloropropene	mg/kg				0.00066	U	0.0005	U	0.00049	U
1,3-Dichloropropene, Total	mg/kg				0.00066	U	0.0005	U	0.00049	U
1,1-Dichloropropene	mg/kg				0.00066	U	0.0005	U	0.00049	U
Bromoform	mg/kg				0.0053	U	0.004	U	0.004	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00066	U	0.0005	U	0.00049	U
Benzene	mg/kg	2.9	4.8	0.06	0.00066	U	0.0005	U	0.00049	U
Toluene	mg/kg	100	100	0.7	0.0013	U	0.00099	U	0.00099	U
Ethylbenzene	mg/kg	30	41	1	0.0013	U	0.00099	U	0.00099	U
Chloromethane	mg/kg				0.0053	U	0.004	U	0.004	U
Bromomethane	mg/kg				0.0026	U	0.002	U	0.002	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.0013	U	0.00099	U	0.00099	U
Chloroethane	mg/kg				0.0026	U	0.002	U	0.002	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.0013	U	0.00099	U	0.00099	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00031	J	0.00036	J	0.00043	J
Trichloroethene	mg/kg	10	21	0.47	0.00066	U	0.0005	U	0.00049	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.0026	U	0.002	U	0.002	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.0026	U	0.002	U	0.002	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.0026	U	0.002	U	0.002	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.00094	J	0.00083	J	0.0008	J
p/m-Xylene	mg/kg				0.0026	U	0.002	U	0.002	U
o-Xylene	mg/kg				0.0013	U	0.00099	U	0.00099	U
Xylenes, Total	mg/kg	100	100	0.26	0.0013	U	0.00099	U	0.00099	U
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.0013	U	0.00099	U	0.00099	U
1,2-Dichloroethene, Total	mg/kg				0.00031	J	0.00036	J	0.00043	J
Dibromomethane	mg/kg				0.0026	U	0.002	U	0.002	U
Styrene	mg/kg				0.0013	U	0.00099	U	0.00099	U
Dichlorodifluoromethane	mg/kg				0.013	U	0.0099	U	0.0099	U
Acetone	mg/kg	100	100	0.05	0.16		0.18		0.42	E
Carbon disulfide	mg/kg				0.013	U	0.0099	U	0.0099	U
2-Butanone	mg/kg	100	100	0.12	0.013	U	0.0099	U	0.0033	J
Vinyl acetate	mg/kg				0.013	U	0.0099	U	0.0099	U
4-Methyl-2-pentanone	mg/kg				0.013	U	0.0099	U	0.0099	U
1,2,3-Trichloropropane	mg/kg				0.0026	U	0.002	U	0.002	U
2-Hexanone	mg/kg				0.013	U	0.0099	U	0.0099	U
Bromochloromethane	mg/kg				0.0026	U	0.002	U	0.002	U
2,2-Dichloropropane	mg/kg				0.0026	U	0.002	U	0.002	U
1,2-Dibromoethane	mg/kg				0.0013	U	0.00099	U	0.00099	U
1,3-Dichloropropane	mg/kg				0.0026	U	0.002	U	0.002	U
1,1,1,2-Tetrachloroethane	mg/kg				0.00066	U	0.0005	U	0.00049	U
Bromobenzene	mg/kg				0.0026	U	0.002	U	0.002	U
n-Butylbenzene	mg/kg	100	100	12	0.0013	U	0.00099	U	0.00099	U
sec-Butylbenzene	mg/kg	100	100	11	0.0013	U	0.00099	U	0.00099	U
tert-Butylbenzene	mg/kg	100	100	5.9	0.0026	U	0.002	U	0.002	U
o-Chlorotoluene	mg/kg				0.0026	U	0.002	U	0.002	U
p-Chlorotoluene	mg/kg				0.0026	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	mg/kg				0.004	U	0.003	U	0.003	U
Hexachlorobutadiene	mg/kg				0.0053	U	0.004	U	0.004	U
Isopropylbenzene	mg/kg				0.0013	U	0.00099	U	0.00099	U
p-Isopropyltoluene	mg/kg				0.0013	U	0.00099	U	0.00099	U
Naphthalene	mg/kg	100	100	12	0.0053	U	0.004	U	0.004	U
Acrylonitrile	mg/kg				0.0053	U	0.004	U	0.004	U
n-Propylbenzene	mg/kg	100	100	3.9	0.0013	U	0.00099	U	0.00099	U
1,2,3-Trichlorobenzene	mg/kg				0.0026	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	mg/kg				0.0026	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4	0.0026	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6	0.0026	U	0.002	U	0.002	U
1,4-Dioxane	mg/kg	9.8	13	0.1	0.1	U	0.08	U	0.079	U
p-Diethylbenzene	mg/kg				0.0026	U	0.002	U	0.002	U
p-Ethyltoluene	mg/kg				0.0026	U	0.002	U	0.002	U
1,2,4,5-Tetramethylbenzene	mg/kg				0.0026	U	0.002	U	0.002	U
Ethyl ether	mg/kg				0.0026	U	0.002	U	0.002	U
trans-1,4-Dichloro-2-butene	mg/kg				0.0066	U	0.005	U	0.0049	U

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-27 (5-5.5)		SB-28 (5-5.5)		SB-29 (7-7.5)	
SAMPLING DATE					9/11/2019		9/11/2019		9/11/2019	
LAB SAMPLE ID					L1941489-01		L1941489-02		L1941489-03	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High										
Methylene chloride	mg/kg	51	100	0.05	-	-	-	-	0.27	U
1,1-Dichloroethane	mg/kg	19	26	0.27	-	-	-	-	0.054	U
Chloroform	mg/kg	10	49	0.37	-	-	-	-	0.081	U
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	-	-	-	-	0.054	U
1,2-Dichloropropane	mg/kg				-	-	-	-	0.054	U
Dibromochloromethane	mg/kg				-	-	-	-	0.054	U
1,1,2-Trichloroethane	mg/kg				-	-	-	-	0.054	U
Tetrachloroethene	mg/kg	5.5	19	1.3	-	-	-	-	0.027	U
Chlorobenzene	mg/kg	100	100	1.1	-	-	-	-	0.027	U
Trichlorofluoromethane	mg/kg				-	-	-	-	0.22	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	-	-	-	-	0.054	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	-	-	-	-	0.027	U
Bromodichloromethane	mg/kg				-	-	-	-	0.027	U
trans-1,3-Dichloropropene	mg/kg				-	-	-	-	0.054	U
cis-1,3-Dichloropropene	mg/kg				-	-	-	-	0.027	U
1,3-Dichloropropene, Total	mg/kg				-	-	-	-	0.027	U
1,1-Dichloropropene	mg/kg				-	-	-	-	0.027	U
Bromoform	mg/kg				-	-	-	-	0.22	U
1,1,2,2-Tetrachloroethane	mg/kg				-	-	-	-	0.027	U
Benzene	mg/kg	2.9	4.8	0.06	-	-	-	-	0.027	U
Toluene	mg/kg	100	100	0.7	-	-	-	-	0.054	U
Ethylbenzene	mg/kg	30	41	1	-	-	-	-	0.054	U
Chloromethane	mg/kg				-	-	-	-	0.22	U
Bromomethane	mg/kg				-	-	-	-	0.11	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	-	-	-	-	0.054	U
Chloroethane	mg/kg				-	-	-	-	0.11	U
1,1-Dichloroethene	mg/kg	100	100	0.33	-	-	-	-	0.054	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	-	-	-	-	0.081	U
Trichloroethene	mg/kg	10	21	0.47	-	-	-	-	0.027	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	-	-	-	-	0.11	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	-	-	-	-	0.11	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	-	-	-	-	0.11	U
Methyl tert butyl ether	mg/kg	62	100	0.93	-	-	-	-	0.11	U
p/m-Xylene	mg/kg				-	-	-	-	0.11	U
o-Xylene	mg/kg				-	-	-	-	0.054	U
Xylenes, Total	mg/kg	100	100	0.26	-	-	-	-	0.054	U
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	-	-	-	-	0.054	U
1,2-Dichloroethene, Total	mg/kg				-	-	-	-	0.054	U
Dibromomethane	mg/kg				-	-	-	-	0.11	U
Styrene	mg/kg				-	-	-	-	0.054	U
Dichlorodifluoromethane	mg/kg				-	-	-	-	0.54	U
Acetone	mg/kg	100	100	0.05	-	-	-	-	0.54	U
Carbon disulfide	mg/kg				-	-	-	-	0.54	U
2-Butanone	mg/kg	100	100	0.12	-	-	-	-	0.54	U
Vinyl acetate	mg/kg				-	-	-	-	0.54	U
4-Methyl-2-pentanone	mg/kg				-	-	-	-	0.54	U
1,2,3-Trichloropropane	mg/kg				-	-	-	-	0.11	U
2-Hexanone	mg/kg				-	-	-	-	0.54	U
Bromochloromethane	mg/kg				-	-	-	-	0.11	U
2,2-Dichloropropane	mg/kg				-	-	-	-	0.11	U
1,2-Dibromoethane	mg/kg				-	-	-	-	0.054	U
1,3-Dichloropropane	mg/kg				-	-	-	-	0.11	U
1,1,1,2-Tetrachloroethane	mg/kg				-	-	-	-	0.027	U
Bromobenzene	mg/kg				-	-	-	-	0.11	U
n-Butylbenzene	mg/kg	100	100	12	-	-	-	-	0.054	U
sec-Butylbenzene	mg/kg	100	100	11	-	-	-	-	0.054	U
tert-Butylbenzene	mg/kg	100	100	5.9	-	-	-	-	0.11	U
o-Chlorotoluene	mg/kg				-	-	-	-	0.11	U
p-Chlorotoluene	mg/kg				-	-	-	-	0.11	U
1,2-Dibromo-3-chloropropane	mg/kg				-	-	-	-	0.16	U
Hexachlorobutadiene	mg/kg				-	-	-	-	0.22	U
Isopropylbenzene	mg/kg				-	-	-	-	0.054	U
p-Isopropyltoluene	mg/kg				-	-	-	-	0.054	U
Naphthalene	mg/kg	100	100	12	-	-	-	-	0.22	U
Acrylonitrile	mg/kg				-	-	-	-	0.22	U
n-Propylbenzene	mg/kg	100	100	3.9	-	-	-	-	0.054	U
1,2,3-Trichlorobenzene	mg/kg				-	-	-	-	0.11	U
1,2,4-Trichlorobenzene	mg/kg				-	-	-	-	0.11	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4	-	-	-	-	0.11	U
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6	-	-	-	-	0.11	U
1,4-Dioxane	mg/kg	9.8	13	0.1	-	-	-	-	4.3	U
p-Diethylbenzene	mg/kg				-	-	-	-	0.11	U
p-Ethyltoluene	mg/kg				-	-	-	-	0.11	U
1,2,4,5-Tetramethylbenzene	mg/kg				-	-	-	-	0.11	U
Ethyl ether	mg/kg				-	-	-	-	0.11	U
trans-1,4-Dichloro-2-butene	mg/kg				-	-	-	-	0.27	U
1,1,2-Trichloro-1,2,2-trifluoroethane		100								
Chlorobromomethane										
Chlorodibromomethane										
Cyclohexane										
Dichlorobromomethane										
Ethylene Dibromide										
Methyl acetate										
Methylcyclohexane										
Total Conc										
Total Estimated Conc. (TICs)										

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
* : LCS or LCSD is outside acceptance limits.
*T There are no TICs reported for the sample

Table 7
500 Main Street, New Rochelle, NY
Volatile Organics in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-26 (7.5-8)		SB-26 (1.5-2)		SB-29 (2-2.5)	
SAMPLING DATE					9/11/2019		9/12/2019		9/12/2019	
LAB SAMPLE ID					L1941489-04		L1941891-04		L1941891-05	
SAMPLE TYPE					SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035										
Methylene chloride	mg/kg	51	100	0.05	0.0049	U	0.0045	U	0.0043	U
1,1-Dichloroethane	mg/kg	19	26	0.27	0.00099	U	0.0009	U	0.00086	U
Chloroform	mg/kg	10	49	0.37	0.0015	U	0.00017	J	0.00015	J
Carbon tetrachloride	mg/kg	1.4	2.4	0.76	0.00099	U	0.0009	U	0.00086	U
1,2-Dichloropropane	mg/kg				0.00099	U	0.0009	U	0.00086	U
Dibromochloromethane	mg/kg				0.00099	U	0.0009	U	0.00086	U
1,1,2-Trichloroethane	mg/kg				0.00099	U	0.0009	U	0.00086	U
Tetrachloroethene	mg/kg	5.5	19	1.3	0.00049	U	0.00045	U	0.00043	U
Chlorobenzene	mg/kg	100	100	1.1	0.00049	U	0.00045	U	0.00043	U
Trichlorofluoromethane	mg/kg				0.004	U	0.0036	U	0.0034	U
1,2-Dichloroethane	mg/kg	2.3	3.1	0.02	0.00099	U	0.0009	U	0.00086	U
1,1,1-Trichloroethane	mg/kg	100	100	0.68	0.00049	U	0.00045	U	0.00043	U
Bromodichloromethane	mg/kg				0.00049	U	0.00045	U	0.00043	U
trans-1,3-Dichloropropene	mg/kg				0.00099	U	0.0009	U	0.00086	U
cis-1,3-Dichloropropene	mg/kg				0.00049	U	0.00045	U	0.00043	U
1,3-Dichloropropene, Total	mg/kg				0.00049	U	0.00045	U	0.00043	U
1,1-Dichloropropene	mg/kg				0.00049	U	0.00045	U	0.00043	U
Bromoform	mg/kg				0.004	U	0.0036	U	0.0034	U
1,1,2,2-Tetrachloroethane	mg/kg				0.00049	U	0.00045	U	0.00043	U
Benzene	mg/kg	2.9	4.8	0.06	0.00049	U	0.00045	U	0.00043	U
Toluene	mg/kg	100	100	0.7	0.00099	U	0.0009	U	0.00086	U
Ethylbenzene	mg/kg	30	41	1	0.00099	U	0.0009	U	0.00086	U
Chloromethane	mg/kg				0.004	U	0.0036	U	0.0034	U
Bromomethane	mg/kg				0.002	U	0.0018	U	0.0017	U
Vinyl chloride	mg/kg	0.21	0.9	0.02	0.00099	U	0.0009	U	0.00086	U
Chloroethane	mg/kg				0.002	U	0.0018	U	0.0017	U
1,1-Dichloroethene	mg/kg	100	100	0.33	0.00099	U	0.0009	U	0.00086	U
trans-1,2-Dichloroethene	mg/kg	100	100	0.19	0.00057	J	0.00017	J	0.00021	J
Trichloroethene	mg/kg	10	21	0.47	0.00049	U	0.00045	U	0.00043	U
1,2-Dichlorobenzene	mg/kg	100	100	1.1	0.002	U	0.0018	U	0.0017	U
1,3-Dichlorobenzene	mg/kg	17	49	2.4	0.002	U	0.0018	U	0.0017	U
1,4-Dichlorobenzene	mg/kg	9.8	13	1.8	0.002	U	0.0018	U	0.0017	U
Methyl tert butyl ether	mg/kg	62	100	0.93	0.0009	J	0.00067	J	0.00057	J
p/m-Xylene	mg/kg				0.002	U	0.0018	U	0.0017	U
o-Xylene	mg/kg				0.00099	U	0.0009	U	0.00086	U
Xylenes, Total	mg/kg	100	100	0.26	0.00099	U	0.0009	U	0.00086	U
cis-1,2-Dichloroethene	mg/kg	59	100	0.25	0.00099	U	0.0009	U	0.00086	U
1,2-Dichloroethene, Total	mg/kg				0.00057	J	0.00017	J	0.00021	J
Dibromomethane	mg/kg				0.002	U	0.0018	U	0.0017	U
Styrene	mg/kg				0.00099	U	0.0009	U	0.00086	U
Dichlorodifluoromethane	mg/kg				0.0099	U	0.009	U	0.0086	U
Acetone	mg/kg	100	100	0.05	0.21		0.11		0.18	
Carbon disulfide	mg/kg				0.0099	U	0.009	U	0.0086	U
2-Butanone	mg/kg	100	100	0.12	0.0099	U	0.009	U	0.0022	J
Vinyl acetate	mg/kg				0.0099	U	0.009	U	0.0086	U
4-Methyl-2-pentanone	mg/kg				0.0099	U	0.009	U	0.0086	U
1,2,3-Trichloropropane	mg/kg				0.002	U	0.0018	U	0.0017	U
2-Hexanone	mg/kg				0.0099	U	0.009	U	0.0086	U
Bromochloromethane	mg/kg				0.002	U	0.0018	U	0.0017	U
2,2-Dichloropropane	mg/kg				0.002	U	0.0018	U	0.0017	U
1,2-Dibromoethane	mg/kg				0.00099	U	0.0009	U	0.00086	U
1,3-Dichloropropane	mg/kg				0.002	U	0.0018	U	0.0017	U
1,1,1,2-Tetrachloroethane	mg/kg				0.00049	U	0.00045	U	0.00043	U
Bromobenzene	mg/kg				0.002	U	0.0018	U	0.0017	U
n-Butylbenzene	mg/kg	100	100	12	0.00099	U	0.0009	U	0.00086	U
sec-Butylbenzene	mg/kg	100	100	11	0.00099	U	0.0009	U	0.00086	U
tert-Butylbenzene	mg/kg	100	100	5.9	0.002	U	0.0018	U	0.0017	U
o-Chlorotoluene	mg/kg				0.002	U	0.0018	U	0.0017	U
p-Chlorotoluene	mg/kg				0.002	U	0.0018	U	0.0017	U
1,2-Dibromo-3-chloropropane	mg/kg				0.003	U	0.0027	U	0.0026	U
Hexachlorobutadiene	mg/kg				0.004	U	0.0036	U	0.0034	U
Isopropylbenzene	mg/kg				0.00099	U	0.0009	U	0.00086	U
p-Isopropyltoluene	mg/kg				0.00099	U	0.0009	U	0.00086	U
Naphthalene	mg/kg	100	100	12	0.004	U	0.0036	U	0.0034	U
Acrylonitrile	mg/kg				0.004	U	0.0036	U	0.0034	U
n-Propylbenzene	mg/kg	100	100	3.9	0.00099	U	0.0009	U	0.00086	U
1,2,3-Trichlorobenzene	mg/kg				0.002	U	0.0018	U	0.0017	U
1,2,4-Trichlorobenzene	mg/kg				0.002	U	0.0018	U	0.0017	U
1,3,5-Trimethylbenzene	mg/kg	47	52	8.4	0.002	U	0.0018	U	0.0017	U
1,2,4-Trimethylbenzene	mg/kg	47	52	3.6	0.002	U	0.0018	U	0.0017	U
1,4-Dioxane	mg/kg	9.8	13	0.1	0.079	U	0.072	U	0.069	U
p-Diethylbenzene	mg/kg				0.002	U	0.0018	U	0.0017	U
p-Ethyltoluene	mg/kg				0.002	U	0.0018	U	0.0017	U
1,2,4,5-Tetramethylbenzene	mg/kg				0.002	U	0.0018	U	0.0017	U
Ethyl ether	mg/kg				0.002	U	0.0018	U	0.0017	U
trans-1,4-Dichloro-2-butene	mg/kg				0.0049	U	0.0045	U	0.0043	U

Table 8
500 Main Street, New Rochelle, NY
Total Metals in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-1(2.5-3.0)		SB-1(4.5-5.0)		SB-2(1.5-2.0)		SB-2(3-3.5)		SB-3(3.5-4.0)	
SAMPLING DATE					7/16/2019		7/16/2019		7/16/2019		7/16/2019		7/16/2019	
LAB SAMPLE ID					460-186859-1		460-186859-2		460-186859-3		460-186859-4		460-186859-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals														
Aluminum, Total	mg/kg				14700		12100		5770		5900		9370	
Antimony, Total	mg/kg				1.0	U	1.1	U	0.96	U	0.98	U	1.1	U
Arsenic, Total	mg/kg	16	16	13	4.2		2.1	J	1.7	J	1.1	U	1.9	J
Barium, Total	mg/kg	350	400	350	49.4		72.3		59.4		50.1		83.4	
Beryllium, Total	mg/kg	14	72	7.2	0.19	J	0.094	J	0.081	U	0.083	U	0.088	U
Cadmium, Total	mg/kg	2.5	4.3	2.5	0.13	U	0.14	U	0.12	U	0.13	U	0.13	U
Calcium, Total	mg/kg				1120		1060		923		885	J	923	J
Chromium, Total	mg/kg				29.5		25.7		13.2		13.5		19.7	
Cobalt, Total	mg/kg	30			9.2	J	5.2	J	5.8	J	5.6	J	7.7	J
Copper, Total	mg/kg	270	270	50	8.3		13.0		12.5		10.8		16.4	
Iron, Total	mg/kg				25500		17400		12000		13200		17900	
Lead, Total	mg/kg	400	400	63	10.6		7.3		3.4		2.7		4.7	
Magnesium, Total	mg/kg				2950		2520		1710		2120		2820	
Manganese, Total	mg/kg	2000	2000	1600	411		306		493		192		827	
Mercury, Total	mg/kg	0.81	0.81	0.18	0.070		0.017	J	0.011	U	0.011	U	0.012	U
Nickel, Total	mg/kg	140	310	30	12.9		13.8		16.4		14.3		23.4	
Potassium, Total	mg/kg				588	J	2230		1680		2140		3180	
Selenium, Total	mg/kg	36	180	3.9	2.3	U	2.5	U	2.2	U	2.2	U	2.4	U
Silver, Total	mg/kg	36	180	2	0.18	U	0.20	U	0.17	U	0.18	U	0.19	U
Sodium, Total	mg/kg				134	J	122	J	72.9	U	74.6	U	111	J
Thallium, Total	mg/kg				0.62	U	0.66	U	0.58	U	0.59	U	0.63	U
Vanadium, Total	mg/kg				35.0		26.3		15.9		18.5		22.5	
Zinc, Total	mg/kg	2200	10000	109	30.1		28.2		16.2		20.4		28.6	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.

Table 8
500 Main Street, New Rochelle, NY
Total Metals in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-4(4-4.5)		S-5(2-2.5)		S-6(5-5.5)		S-7(2.5-3)		S-8(7.5-8)	
SAMPLING DATE					7/17/2019		7/17/2019		7/17/2019		7/17/2019		7/17/2019	
LAB SAMPLE ID					460-186947-1		460-186947-2		460-186947-3		460-186947-4		460-186947-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals														
Aluminum, Total	mg/kg				10600		8810		12000		10100		8150	
Antimony, Total	mg/kg				0.89	U	0.96	U	1.1	U	1.1	U	1.2	U F1
Arsenic, Total	mg/kg	16	16	13	5.0		1.1	U	2.7	J	5.8		5.3	
Barium, Total	mg/kg	350	400	350	258		65.9		94.7		125		81.7	
Beryllium, Total	mg/kg	14	72	7.2	0.075	U	0.080	U	0.25	J	0.093	U	0.76	
Cadmium, Total	mg/kg	2.5	4.3	2.5	0.11	U	0.12	U	0.14	U	0.14	U	0.15	U F1
Calcium, Total	mg/kg				996		1200		874	J	21300		804	J
Chromium, Total	mg/kg				35.4		22.3		45.9		31.0		34.6	
Cobalt, Total	mg/kg	30			20.1		9.7		10.9		14.7		11.1	J
Copper, Total	mg/kg	270	270	50	22.0		11.0		26.2		38.7		18.4	
Iron, Total	mg/kg				38200		18500		28100		32800		33800	
Lead, Total	mg/kg	400	400	63	8.5		6.4		12.0		28.7		5.9	
Magnesium, Total	mg/kg				4350		4190		5070		11400		3220	
Manganese, Total	mg/kg	2000	2000	1600	3230		417		405		579		628	
Mercury, Total	mg/kg	0.81	0.81	0.18	0.011	U	0.011	U	0.012	U	0.022		0.011	U
Nickel, Total	mg/kg	140	310	30	70.2		24.4		35.1		30.5		32.3	
Potassium, Total	mg/kg				5140		5590		4670		4720		3740	
Selenium, Total	mg/kg	36	180	3.9	2.0	U	2.2	U	2.4	U	2.5	U	2.7	U
Silver, Total	mg/kg	36	180	2	0.16	U	0.17	U	0.19	U	0.20	U	0.21	U
Sodium, Total	mg/kg				129	J	130	J	226	J	233	J	102	J
Thallium, Total	mg/kg				2.7	U	0.58	U	0.65	U	0.67	U	1.6	J
Vanadium, Total	mg/kg				36.3		19.8		50.4		31.9		32.7	
Zinc, Total	mg/kg	2200	10000	109	73.4		42.4		79.6		96.0		50.7	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.

Table 8
500 Main Street, New Rochelle, NY
Total Metals in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-9 (2.5-3)		S-10 (5.5-6)		S-11 (2.5-3)		S-12 (2-2.5)		S-13 (4-4.5)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-1		460-187026-2		460-187026-3		460-187026-4		460-187026-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals														
Aluminum, Total	mg/kg				7080		11100		5420		8910		7500	
Antimony, Total	mg/kg				1.2	U	1.3	U	1.2	U	1.2	U	1.2	U
Arsenic, Total	mg/kg	16	16	13	4.1		3.0	J	2.8	J	2.9	J	4.5	
Barium, Total	mg/kg	350	400	350	86.0		122		63.6		95.7		82.4	
Beryllium, Total	mg/kg	14	72	7.2	0.73		0.76		0.47		0.57		0.45	
Cadmium, Total	mg/kg	2.5	4.3	2.5	0.16	U	0.16	U	0.16	U	0.15	U	0.15	U
Calcium, Total	mg/kg				3600		1590		3770		3770		1300	
Chromium, Total	mg/kg				26.9		39.1		19.7		30.0		21.4	
Cobalt, Total	mg/kg	30			12.6		15.0		22.7		12.8		8.8	J
Copper, Total	mg/kg	270	270	50	26.2		32.0		47.6		27.4		16.4	
Iron, Total	mg/kg				34900		33200		32600		24200		20600	
Lead, Total	mg/kg	400	400	63	10.4		11.6		5.9		6.9		4.6	
Magnesium, Total	mg/kg				3810		4880		1890		3710		3240	
Manganese, Total	mg/kg	2000	2000	1600	765		818		416		581		346	
Mercury, Total	mg/kg	0.81	0.81	0.18	0.017	J	0.014	J	0.013	J	0.011	U	0.013	J
Nickel, Total	mg/kg	140	310	30	39.0		36.7		21.0		28.1		23.4	
Potassium, Total	mg/kg				3000		5770		2060		4380		3680	
Selenium, Total	mg/kg	36	180	3.9	2.8	U	2.8	U	2.8	U	2.6	U	2.6	U
Silver, Total	mg/kg	36	180	2	0.22	U	0.22	U	0.22	U	0.21	U	0.21	U
Sodium, Total	mg/kg				164	J	172	J	106	J	299	J	173	J
Thallium, Total	mg/kg				0.74	U	0.93	J	0.75	U	0.86	J	0.70	U
Vanadium, Total	mg/kg				32.8		41.4		21.4		31.0		26.3	
Zinc, Total	mg/kg	2200	10000	109	56.1		59.9		29.5		43.4		32.1	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.

Table 8
500 Main Street, New Rochelle, NY
Total Metals in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-14 (1.5-2)		S-15 (3-3.5)		S-16 (1.5-2)		S-17 (2-2.5)		S-18 (3.5-4)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-6		460-187026-7		460-187026-8		460-187026-9		460-187026-10	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals														
Aluminum, Total	mg/kg				7550		8510		6480		8890		6640	
Antimony, Total	mg/kg				1.1	U	1.3	U	1.3	U	1.3	U	1.2	U
Arsenic, Total	mg/kg	16	16	13	1.3	U	2.1	J	1.8	J	3.4	J	2.3	J
Barium, Total	mg/kg	350	400	350	94.1		72.0		59.0		63.0		78.4	
Beryllium, Total	mg/kg	14	72	7.2	0.40	J	0.43	J	0.34	J	0.51		0.35	J
Cadmium, Total	mg/kg	2.5	4.3	2.5	0.15	U	0.17	U	0.17	U	0.16	U	0.53	J
Calcium, Total	mg/kg				1890		3220		5660		6760		5590	
Chromium, Total	mg/kg				23.9		22.9		17.9		19.6		25.7	
Cobalt, Total	mg/kg	30			8.1	J	9.7	J	13.4		15.4		7.1	J
Copper, Total	mg/kg	270	270	50	16.5		26.8		32.8		39.2		25.0	
Iron, Total	mg/kg				17300		17400		14100		24400		14100	
Lead, Total	mg/kg	400	400	63	3.3		15.9		3.1		26.2		105	
Magnesium, Total	mg/kg				3680		3010		3620		2840		3130	
Manganese, Total	mg/kg	2000	2000	1600	318		398		281		368		224	
Mercury, Total	mg/kg	0.81	0.81	0.18	0.011	U	0.011	U	0.013	U	0.096		0.24	
Nickel, Total	mg/kg	140	310	30	17.4		19.8		16.6		16.2		30.4	
Potassium, Total	mg/kg				3390		2630		2550		1910		2290	
Selenium, Total	mg/kg	36	180	3.9	2.6	U	2.9	U	2.9	U	2.9	U	2.7	U
Silver, Total	mg/kg	36	180	2	0.20	U	0.23	U	0.23	U	0.23	U	0.21	U
Sodium, Total	mg/kg				112	J	545	J	435	J	491	J	140	J
Thallium, Total	mg/kg				0.69	U	0.78	U	0.78	U	0.76	U	0.72	U
Vanadium, Total	mg/kg				31.0		23.6		19.2		25.2		20.1	
Zinc, Total	mg/kg	2200	10000	109	29.7		38.8		22.1		30.3		417	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.

Table 8
500 Main Street, New Rochelle, NY
Total Metals in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-19 (3-3.5)		S-20 (2-2.5)		S-21 (1.5-2)		S-22 (1.5-2)		S-23 (1-1.5)	
SAMPLING DATE					7/19/2019		7/19/2019		7/19/2019		7/19/2019		7/19/2019	
LAB SAMPLE ID					460-187054-3		460-187054-4		460-187054-5		460-187054-6		460-187054-7	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals														
Aluminum, Total	mg/kg				6220		5180		5310		10100		9130	
Antimony, Total	mg/kg				1.3	U	1.2	U	1.3	U	1.3	U	2.7	J F1
Arsenic, Total	mg/kg	16	16	13	2.5	J	1.3	U	4.2		2.7	J	2.5	J
Barium, Total	mg/kg	350	400	350	94.2		49.8		145		71.4		60.5	
Beryllium, Total	mg/kg	14	72	7.2	0.33	J	0.29	J	0.30	J	0.49		0.42	J
Cadmium, Total	mg/kg	2.5	4.3	2.5	0.17	U	0.16	U	0.16	U	0.16	U	0.15	U F1
Calcium, Total	mg/kg				5920		2090		55000		12800		13000	
Chromium, Total	mg/kg				17.1		23.9		12.3		18.2		27.4	F1
Cobalt, Total	mg/kg	30			11.9	J	8.0	J	10.9	J	21.7		6.1	J
Copper, Total	mg/kg	270	270	50	28.0		16.3		151		56.4		20.8	F1
Iron, Total	mg/kg				13700		12200		9470		15200		14400	
Lead, Total	mg/kg	400	400	63	7.6		2.6		28.2		36.9		106	F1
Magnesium, Total	mg/kg				3370		2300		2240		2670		3400	
Manganese, Total	mg/kg	2000	2000	1600	405		241		135		398		414	
Mercury, Total	mg/kg	0.81	0.81	0.18	0.016	J	0.012	U	0.041	F1	0.19		0.022	
Nickel, Total	mg/kg	140	310	30	15.5		19.0		11.3		16.0		19.5	F1
Potassium, Total	mg/kg				2290		2190		745	J	2140		1920	
Selenium, Total	mg/kg	36	180	3.9	3.0	U	2.8	U	2.8	U	2.9	U	2.6	U
Silver, Total	mg/kg	36	180	2	0.24	U	0.22	U	0.22	U	0.23	U	0.20	U F1
Sodium, Total	mg/kg				141	J	112	J	385	J	439	J	281	J
Thallium, Total	mg/kg				0.80	U	0.74	U	0.76	U	0.77	U	0.69	U
Vanadium, Total	mg/kg				19.0		18.2		13.9		24.9		21.8	
Zinc, Total	mg/kg	2200	10000	109	25.7		19.5		26.0		41.0		30.7	F1

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.

Table 8
500 Main Street, New Rochelle, NY
Total Metals in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-27 (5-5.5)		SB-28 (5-5.5)		SB-29 (7-7.5)		SB-26 (7.5-8)		SB-26 (1.5-2)		SB-29 (2-2.5)	
SAMPLING DATE					9/11/2019		9/11/2019		9/11/2019		9/11/2019		9/12/2019		9/12/2019	
LAB SAMPLE ID					L1941489-01		L1941489-02		L1941489-03		L1941489-04		L1941891-04		L1941891-05	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																
Aluminum, Total	mg/kg				10500		12500		6520		9520		10600		9580	
Antimony, Total	mg/kg				3.2	J	4.88	U	4.36	U	4.52	U	0.944	J	4.26	U
Arsenic, Total	mg/kg	16	16	13	8.3		1.11		1.33		0.651	J	5.27		1.18	
Barium, Total	mg/kg	350	400	350	93.7		74.8		40		53.7		181		60.4	
Beryllium, Total	mg/kg	14	72	7.2	0.156	J	0.488	U	0.035	J	0.452	U	0.355	J	0.213	J
Cadmium, Total	mg/kg	2.5	4.3	2.5	0.368	J	0.205	J	0.218	J	0.145	J	0.866	U	0.853	U
Calcium, Total	mg/kg				2060		671		842		579		3500		1450	
Chromium, Total	mg/kg				31.3		22.5		12.4		15.3		21.4		16.5	
Cobalt, Total	mg/kg	30			6.79		7.27		5.76		5.76		6.95		6.59	
Copper, Total	mg/kg	270	270	50	38.2		19.9		12.5		9.69		39.6		13.9	
Iron, Total	mg/kg				18700		16500		13700		12500		16300		13400	
Lead, Total	mg/kg	400	400	63	231		4.57	J	4.48		3.81	J	237		12.6	
Magnesium, Total	mg/kg				2230		2430		972		1760		2450		1950	
Manganese, Total	mg/kg	2000	2000	1600	110		528		375		421		390		451	
Mercury, Total	mg/kg	0.81	0.81	0.18	2.11		0.078	U	0.072	U	0.074	U	1.5		0.069	U
Nickel, Total	mg/kg	140	310	30	14		16.6		11.5		12.3		11.9		13	
Potassium, Total	mg/kg				868		2620		1030		1850		1620		2270	
Selenium, Total	mg/kg	36	180	3.9	2.81		1.95	U	1.74	U	1.81	U	0.468	J	1.7	U
Silver, Total	mg/kg	36	180	2	1.11	U	0.975	U	0.872	U	0.904	U	0.866	U	0.853	U
Sodium, Total	mg/kg				72.5	J	124	J	59.4	J	132	J	219		56.1	J
Thallium, Total	mg/kg				2.23	U	1.95	U	1.74	U	1.81	U	1.73	U	1.7	U
Vanadium, Total	mg/kg				30.2		27.7		18.9		19.5		22.4		19.9	
Zinc, Total	mg/kg	2200	10000	109	95.7		26.5		29.8		19.9		89.3		72.5	

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.

Table 9
500 Main Street, New Rochelle, NY
PCB's and Pesticides in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-1(2.5-3.0)		SB-1(4.5-5.0)		SB-2(1.5-2.0)		SB-2(3-3.5)		SB-3(3.5-4.0)	
SAMPLING DATE					7/16/2019		7/16/2019		7/16/2019		7/16/2019		7/16/2019	
LAB SAMPLE ID					460-186859-1		460-186859-2		460-186859-3		460-186859-4		460-186859-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry														
Solids, Total	%													
Cyanide, Total	mg/kg	27	27	27	0.12	U	0.13	U	0.11	U	0.13	U	0.14	U F1
Organochlorine Pesticides by GC														
Delta-BHC	mg/kg	100	100	0.04	0.00049	U	0.00051	U	0.00046	U	0.00046	U	0.00050	U
Lindane	mg/kg	0.28	1.3	0.1	0.00074	U	0.00078	U	0.00070	U	0.00070	U	0.00076	U
Alpha-BHC	mg/kg	0.097	0.48	0.02	0.00082	U	0.00085	U	0.00076	U	0.00076	U	0.00083	U
Beta-BHC	mg/kg	0.072	0.36	0.036	0.00090	U	0.00094	U	0.00084	U	0.00084	U	0.00092	U
Heptachlor	mg/kg	0.42	2.1	0.042	0.00095	U	0.00099	U	0.00089	U	0.00089	U	0.00096	U
Aldrin	mg/kg	0.019	0.097	0.005	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U
Heptachlor epoxide	mg/kg				0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U
Endrin	mg/kg	2.2	11	0.014	0.0012	U	0.0012	U	0.0011	U	0.0011	U	0.0012	U
Endrin aldehyde	mg/kg				0.0019	U	0.0020	U	0.0018	U	0.0018	U	0.0019	U
Endrin ketone	mg/kg				0.0016	U	0.0016	U	0.0015	U	0.0015	U	0.0016	U
Dieldrin	mg/kg	0.039	0.2	0.005	0.0010	U	0.0011	U	0.00098	U	0.00098	U	0.0011	U
4,4'-DDE	mg/kg	1.8	8.9	0.0033	0.00095	U	0.00099	U	0.00089	U	0.00089	U	0.00096	U
4,4'-DDD	mg/kg	2.6	13	0.0033	0.0014	U	0.0014	U	0.0013	U	0.0013	U	0.0014	U
4,4'-DDT	mg/kg	1.7	7.9	0.0033	0.0015	U	0.0015	U	0.0014	U	0.0014	U	0.0015	U
Endosulfan I	mg/kg	4.8	24	2.4	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U
Endosulfan II	mg/kg	4.8	24	2.4	0.0021	U	0.0022	U	0.0019	U	0.0019	U	0.0021	U
Endosulfan sulfate	mg/kg	4.8	24	2.4	0.0010	U	0.0011	U	0.00094	U	0.00094	U	0.0010	U
Methoxychlor	mg/kg				0.0018	U	0.0019	U	0.0017	U	0.0017	U	0.0019	U
Toxaphene	mg/kg				0.029	U	0.030	U	0.027	U	0.027	U	0.030	U
cis-Chlordane	mg/kg	0.91	4.2	0.094										
trans-Chlordane	mg/kg				0.019	U	0.020	U	0.018	U	0.018	U	0.020	U
Chlordane	mg/kg				0.019	U	0.020	U	0.018	U	0.018	U	0.020	U
Polychlorinated Biphenyls by GC														
Aroclor 1016	mg/kg	1	1	0.1	0.011	U	0.011	U	0.010	U	0.010	U	0.011	U
Aroclor 1221	mg/kg	1	1	0.1	0.011	U	0.011	U	0.010	U	0.010	U	0.011	U
Aroclor 1232	mg/kg	1	1	0.1	0.011	U	0.011	U	0.010	U	0.010	U	0.011	U
Aroclor 1242	mg/kg	1	1	0.1	0.011	U	0.011	U	0.010	U	0.010	U	0.011	U
Aroclor 1248	mg/kg	1	1	0.1	0.011	U	0.011	U	0.010	U	0.010	U	0.011	U
Aroclor 1254	mg/kg	1	1	0.1	0.011	U	0.012	U	0.010	U	0.010	U	0.011	U
Aroclor 1260	mg/kg	1	1	0.1	0.011	U	0.012	U	0.010	U	0.010	U	0.011	U
Aroclor 1262	mg/kg	1	1	0.1	0.011	U	0.012	U	0.010	U	0.010	U	0.011	U
Aroclor 1268	mg/kg	1	1	0.1	0.011	U	0.012	U	0.010	U	0.010	U	0.011	U
PCBs, Total	mg/kg	1	1	0.1	0.011	U	0.012	U	0.010	U	0.010	U	0.011	U

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 9
500 Main Street, New Rochelle, NY
PCB's and Pesticides in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-4(4-4.5)		S-5(2-2.5)		S-6(5-5.5)		S-7(2.5-3)		S-8(7.5-8)	
SAMPLING DATE					7/17/2019		7/17/2019		7/17/2019		7/17/2019		7/17/2019	
LAB SAMPLE ID					460-186947-1		460-186947-2		460-186947-3		460-186947-4		460-186947-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry														
Solids, Total	%													
Cyanide, Total	mg/kg	27	27	27	0.13	U	0.14	U	0.15	U	0.13	U	0.11	U
Organochlorine Pesticides by GC														
Delta-BHC	mg/kg	100	100	0.04	0.00048	U	0.00050	U	0.00054	U	0.00053	U	0.00047	U
Lindane	mg/kg	0.28	1.3	0.1	0.00072	U	0.00076	U	0.00081	U	0.00080	U	0.00072	U
Alpha-BHC	mg/kg	0.097	0.48	0.02	0.00079	U	0.00083	U	0.00089	U	0.00088	U	0.00079	U
Beta-BHC	mg/kg	0.072	0.36	0.036	0.00087	U	0.00092	U	0.00098	U	0.00097	U	0.00087	U
Heptachlor	mg/kg	0.42	2.1	0.042	0.00092	U	0.00097	U	0.0010	U	0.0010	U	0.00091	U
Aldrin	mg/kg	0.019	0.097	0.005	0.0012	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U
Heptachlor epoxide	mg/kg				0.0012	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U
Endrin	mg/kg	2.2	11	0.014	0.0011	U	0.0012	U	0.0013	U	0.0012	U	0.0011	U
Endrin aldehyde	mg/kg				0.0018	U	0.0019	U	0.0021	U	0.0020	U	0.0018	U
Endrin ketone	mg/kg				0.0015	U	0.0016	U	0.0017	U	0.0017	U	0.0015	U
Dieldrin	mg/kg	0.039	0.2	0.005	0.0010	U	0.0011	U	0.0011	U	0.0011	U	0.0010	U
4,4'-DDE	mg/kg	1.8	8.9	0.0033	0.00092	U	0.00097	U	0.0010	U	0.0010	U	0.00091	U
4,4'-DDD	mg/kg	2.6	13	0.0033	0.0013	U	0.0014	U	0.0015	U	0.0015	U	0.0013	U
4,4'-DDT	mg/kg	1.7	7.9	0.0033	0.0014	U	0.0015	U	0.0016	U	0.0016	U	0.0014	U
Endosulfan I	mg/kg	4.8	24	2.4	0.0012	U	0.0012	U	0.0013	U	0.0013	U	0.0012	U
Endosulfan II	mg/kg	4.8	24	2.4	0.0020	U	0.0021	U	0.0022	U	0.0022	U	0.0020	U
Endosulfan sulfate	mg/kg	4.8	24	2.4	0.00097	U	0.0010	U	0.0011	U	0.0011	U	0.00097	U
Methoxychlor	mg/kg				0.0018	U	0.0019	U	0.0020	U	0.0020	U	0.0018	U
Toxaphene	mg/kg				0.028	U	0.030	U	0.032	U	0.031	U	0.028	U
cis-Chlordane	mg/kg	0.91	4.2	0.094										
trans-Chlordane	mg/kg				0.019	U	0.020	U	0.021	U	0.021	U	0.019	U
Chlordane	mg/kg				0.019	U	0.020	U	0.021	U	0.021	U	0.019	U
Polychlorinated Biphenyls by GC														
Aroclor 1016	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U F2 F1	0.011	U	0.010	U
Aroclor 1221	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U	0.011	U	0.010	U
Aroclor 1232	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U	0.011	U	0.010	U
Aroclor 1242	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U	0.011	U	0.010	U
Aroclor 1248	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U	0.011	U	0.010	U
Aroclor 1254	mg/kg	1	1	0.1	0.011	U	0.011	U	0.012	U	0.012	U	0.011	U
Aroclor 1260	mg/kg	1	1	0.1	0.011	U	0.011	U	0.012	U F2	0.012	U	0.011	U
Aroclor 1262	mg/kg	1	1	0.1	0.011	U	0.011	U	0.012	U	0.012	U	0.011	U
Aroclor 1268	mg/kg	1	1	0.1	0.011	U	0.011	U	0.012	U	0.012	U	0.011	U
PCBs, Total	mg/kg	1	1	0.1	0.011	U	0.011	U	0.012	U	0.012	U	0.011	U

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 9
500 Main Street, New Rochelle, NY
PCB's and Pesticides in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-9 (2.5-3)		S-10 (5.5-6)		S-11 (2.5-3)		S-12 (2-2.5)		S-13 (4-4.5)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-1		460-187026-2		460-187026-3		460-187026-4		460-187026-5	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry														
Solids, Total	%													
Cyanide, Total	mg/kg	27	27	27	0.13	U	0.14	U	0.14	U	0.13	U	0.13	U F1
Organochlorine Pesticides by GC														
Delta-BHC	mg/kg	100	100	0.04	0.00049	U	0.00053	U	0.00050	U	0.00047	U	0.00046	U
Lindane	mg/kg	0.28	1.3	0.1	0.00074	U	0.00080	U	0.00076	U	0.00071	U	0.00070	U
Alpha-BHC	mg/kg	0.097	0.48	0.02	0.00081	U	0.00088	U	0.00083	U	0.00078	U	0.00077	U
Beta-BHC	mg/kg	0.072	0.36	0.036	0.00089	U	0.00097	U	0.00091	U	0.00086	U	0.00085	U
Heptachlor	mg/kg	0.42	2.1	0.042	0.00094	U	0.0010	U	0.00096	U	0.00090	U	0.00090	U
Aldrin	mg/kg	0.019	0.097	0.005	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U
Heptachlor epoxide	mg/kg				0.0012	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U
Endrin	mg/kg	2.2	11	0.014	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0011	U
Endrin aldehyde	mg/kg				0.0019	U	0.0020	U	0.0019	U	0.0018	U	0.0018	U
Endrin ketone	mg/kg				0.0015	U	0.0017	U	0.0016	U	0.0015	U	0.0015	U
Dieldrin	mg/kg	0.039	0.2	0.005	0.0010	U	0.0011	U	0.0011	U	0.00099	U	0.00099	U
4,4'-DDE	mg/kg	1.8	8.9	0.0033	0.00094	U	0.0010	U	0.00096	U	0.00090	U	0.00090	U
4,4'-DDD	mg/kg	2.6	13	0.0033	0.0014	U *	0.0015	U *	0.0014	U *	0.0013	U *	0.0013	U *
4,4'-DDT	mg/kg	1.7	7.9	0.0033	0.0015	U	0.0016	U	0.0015	U	0.0014	U	0.0014	U
Endosulfan I	mg/kg	4.8	24	2.4	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0012	U
Endosulfan II	mg/kg	4.8	24	2.4	0.0020	U	0.0022	U	0.0021	U	0.0020	U	0.0019	U
Endosulfan sulfate	mg/kg	4.8	24	2.4	0.0010	U	0.0011	U	0.0010	U	0.00096	U	0.00095	U
Methoxychlor	mg/kg				0.0018	U	0.0020	U	0.0019	U	0.0017	U	0.0017	U
Toxaphene	mg/kg				0.029	U	0.031	U	0.029	U	0.028	U	0.027	U
cis-Chlordane	mg/kg	0.91	4.2	0.094										
trans-Chlordane	mg/kg				0.019	U	0.021	U	0.020	U	0.018	U	0.018	U
Chlordane	mg/kg				0.019	U	0.021	U	0.020	U	0.018	U	0.018	U
Polychlorinated Biphenyls by GC														
Aroclor 1016	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.010	U	0.010	U
Aroclor 1221	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.010	U	0.010	U
Aroclor 1232	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.010	U	0.010	U
Aroclor 1242	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.010	U	0.010	U
Aroclor 1248	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.010	U	0.010	U
Aroclor 1254	mg/kg	1	1	0.1	0.011	U	0.012	U	0.011	U	0.010	U	0.010	U
Aroclor 1260	mg/kg	1	1	0.1	0.011	U	0.012	U	0.011	U	0.010	U	0.010	U
Aroclor 1262	mg/kg	1	1	0.1	0.011	U	0.012	U	0.011	U	0.010	U	0.010	U
Aroclor 1268	mg/kg	1	1	0.1	0.011	U	0.012	U	0.011	U	0.010	U	0.010	U
PCBs, Total	mg/kg	1	1	0.1	0.011	U	0.012	U	0.011	U	0.010	U	0.010	U

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 9
500 Main Street, New Rochelle, NY
PCB's and Pesticides in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-14 (1.5-2)		S-15 (3-3.5)		S-16 (1.5-2)		S-17 (2-2.5)		S-18 (3.5-4)	
SAMPLING DATE					7/18/2019		7/18/2019		7/18/2019		7/18/2019		7/18/2019	
LAB SAMPLE ID					460-187026-6		460-187026-7		460-187026-8		460-187026-9		460-187026-10	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry														
Solids, Total	%													
Cyanide, Total	mg/kg	27	27	27	0.13	U	0.13	U	0.13	U	0.14	U	0.13	U
Organochlorine Pesticides by GC														
Delta-BHC	mg/kg	100	100	0.04	0.00046	U	0.00050	U	0.00051	U	0.00050	U	0.00048	U
Lindane	mg/kg	0.28	1.3	0.1	0.00070	U	0.00076	U	0.00078	U	0.00076	U	0.00073	U
Alpha-BHC	mg/kg	0.097	0.48	0.02	0.00077	U	0.00083	U	0.00085	U	0.00083	U	0.00080	U
Beta-BHC	mg/kg	0.072	0.36	0.036	0.00085	U	0.00092	U	0.00094	U	0.00092	U	0.00088	U
Heptachlor	mg/kg	0.42	2.1	0.042	0.00089	U	0.00097	U	0.00099	U	0.00097	U	0.00093	U
Aldrin	mg/kg	0.019	0.097	0.005	0.0011	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U
Heptachlor epoxide	mg/kg				0.0011	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U
Endrin	mg/kg	2.2	11	0.014	0.0011	U	0.0012	U	0.0012	U	0.0012	U	0.0011	U
Endrin aldehyde	mg/kg				0.0018	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U
Endrin ketone	mg/kg				0.0015	U	0.0016	U	0.0016	U	0.0016	U	0.0015	U
Dieldrin	mg/kg	0.039	0.2	0.005	0.00098	U	0.0011	U	0.0011	U	0.0011	U	0.0010	U
4,4'-DDE	mg/kg	1.8	8.9	0.0033	0.00089	U	0.00097	U	0.00099	U	0.00097	U	0.00093	U
4,4'-DDD	mg/kg	2.6	13	0.0033	0.0013	U *	0.0014	U *	0.0014	U *	0.0014	U *	0.0013	U *
4,4'-DDT	mg/kg	1.7	7.9	0.0033	0.0014	U	0.0015	U	0.0015	U	0.0015	U	0.0014	U
Endosulfan I	mg/kg	4.8	24	2.4	0.0012	U	0.0013	U	0.0013	U	0.0013	U	0.0012	U
Endosulfan II	mg/kg	4.8	24	2.4	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.0020	U
Endosulfan sulfate	mg/kg	4.8	24	2.4	0.00095	U	0.0010	U	0.0011	U	0.0010	U	0.00099	U
Methoxychlor	mg/kg				0.0017	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U
Toxaphene	mg/kg				0.027	U	0.030	U	0.030	U	0.030	U	0.028	U
cis-Chlordane	mg/kg	0.91	4.2	0.094										
trans-Chlordane	mg/kg				0.018	U	0.020	U	0.020	U	0.020	U	0.019	U
Chlordane	mg/kg				0.018	U	0.020	U	0.020	U	0.020	U	0.019	U
Polychlorinated Biphenyls by GC														
Aroclor 1016	mg/kg	1	1	0.1	0.010	U	0.011	U	0.011	U	0.011	U	0.010	U
Aroclor 1221	mg/kg	1	1	0.1	0.010	U	0.011	U	0.011	U	0.011	U	0.010	U
Aroclor 1232	mg/kg	1	1	0.1	0.010	U	0.011	U	0.011	U	0.011	U	0.010	U
Aroclor 1242	mg/kg	1	1	0.1	0.010	U	0.011	U	0.011	U	0.011	U	0.010	U
Aroclor 1248	mg/kg	1	1	0.1	0.010	U	0.011	U	0.011	U	0.011	U	0.010	U
Aroclor 1254	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U	0.011	U	0.011	U
Aroclor 1260	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U	0.011	U	0.011	U
Aroclor 1262	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U	0.011	U	0.011	U
Aroclor 1268	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U	0.011	U	0.011	U
PCBs, Total	mg/kg	1	1	0.1	0.010	U	0.011	U	0.012	U	0.011	U	0.011	U

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 9
500 Main Street, New Rochelle, NY
PCB's and Pesticides in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	S-19 (3-3.5)		S-20 (2-2.5)		S-21 (1.5-2)		S-22 (1.5-2)		S-23 (1-1.5)	
SAMPLING DATE					7/19/2019		7/19/2019		7/19/2019		7/19/2019		7/19/2019	
LAB SAMPLE ID					460-187054-3		460-187054-4		460-187054-5		460-187054-6		460-187054-7	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry														
Solids, Total	%													
Cyanide, Total	mg/kg	27	27	27	0.12	U	0.14	U	0.13	U	0.13	U	0.12	U
Organochlorine Pesticides by GC														
Delta-BHC	mg/kg	100	100	0.04	0.00051	U	0.00050	U	0.00049	U	0.00051	U	0.00044	U
Lindane	mg/kg	0.28	1.3	0.1	0.00077	U	0.00076	U	0.00073	U	0.00077	U	0.00067	U
Alpha-BHC	mg/kg	0.097	0.48	0.02	0.00085	U	0.00084	U	0.00081	U	0.00084	U	0.00074	U
Beta-BHC	mg/kg	0.072	0.36	0.036	0.00093	U	0.00092	U	0.00089	U	0.00093	U	0.00081	U
Heptachlor	mg/kg	0.42	2.1	0.042	0.00098	U	0.00097	U	0.00094	U	0.00098	U	0.00086	U
Aldrin	mg/kg	0.019	0.097	0.005	0.0013	U	0.0012	U	0.0012	U	0.0013	U	0.0011	U
Heptachlor epoxide	mg/kg				0.0012	U	0.0012	U	0.0012	U	0.0012	U	0.0011	U
Endrin	mg/kg	2.2	11	0.014	0.0012	U	0.0012	U	0.0011	U	0.0012	U	0.0010	U *
Endrin aldehyde	mg/kg				0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0017	U
Endrin ketone	mg/kg				0.0016	U	0.0016	U	0.0015	U	0.0016	U	0.0014	U
Dieldrin	mg/kg	0.039	0.2	0.005	0.0011	U	0.0011	U	0.0010	U	0.0011	U	0.00094	U
4,4'-DDE	mg/kg	1.8	8.9	0.0033	0.00098	U	0.00097	U	0.00094	U	0.00098	U	0.00086	U
4,4'-DDD	mg/kg	2.6	13	0.0033	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0012	U
4,4'-DDT	mg/kg	1.7	7.9	0.0033	0.0015	U	0.0015	U	0.0015	U	0.0015	U	0.0013	U
Endosulfan I	mg/kg	4.8	24	2.4	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0011	U
Endosulfan II	mg/kg	4.8	24	2.4	0.0021	U	0.0021	U	0.0020	U	0.0021	U	0.0019	U
Endosulfan sulfate	mg/kg	4.8	24	2.4	0.0010	U	0.0010	U	0.0010	U	0.0010	U	0.00091	U *
Methoxychlor	mg/kg				0.0019	U	0.0019	U	0.0018	U	0.0019	U	0.0017	U
Toxaphene	mg/kg				0.030	U	0.030	U	0.029	U	0.030	U	0.026	U
cis-Chlordane	mg/kg	0.91	4.2	0.094										
trans-Chlordane	mg/kg				0.020	U	0.020	U	0.019	U	0.020	U	0.018	U
Chlordane	mg/kg				0.020	U	0.020	U	0.019	U	0.020	U	0.018	U
Polychlorinated Biphenyls by GC														
Aroclor 1016	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0096	U
Aroclor 1221	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0096	U
Aroclor 1232	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0096	U
Aroclor 1242	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0096	U
Aroclor 1248	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0096	U
Aroclor 1254	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0099	U
Aroclor 1260	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0099	U
Aroclor 1262	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0099	U
Aroclor 1268	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0099	U
PCBs, Total	mg/kg	1	1	0.1	0.011	U	0.011	U	0.011	U	0.011	U	0.0099	U

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 9
500 Main Street, New Rochelle, NY
PCB's and Pesticides in Soil

LOCATION	Units	NY-RESR	NY-RESRR	NY-UNRES	SB-27 (5-5.5)		SB-28 (5-5.5)		SB-29 (7-7.5)		SB-26 (7.5-8)		SB-26 (1.5-2)		SB-29 (2-2.5)	
SAMPLING DATE					9/11/2019		9/11/2019		9/11/2019		9/11/2019		9/12/2019		9/12/2019	
LAB SAMPLE ID					L1941489-01		L1941489-02		L1941489-03		L1941489-04		L1941891-04		L1941891-05	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																
Solids, Total	%				70.1		80.1		87.5		85.7		88.1		90.9	
Cyanide, Total	mg/kg	27	27	27	0.59	J	0.31	J	0.27	J	1.1	U	1.1	U	1	U
Organochlorine Pesticides by GC																
Delta-BHC	mg/kg	100	100	0.04	0.0022	U	0.00194	U	0.00172	U	0.00176	U	0.00175	U	0.0017	U
Lindane	mg/kg	0.28	1.3	0.1	0.00092	U	0.00081	U	0.00072	U	0.00073	U	0.00073	U	0.00071	U
Alpha-BHC	mg/kg	0.097	0.48	0.02	0.00092	U	0.00081	U	0.00072	U	0.00073	U	0.00073	U	0.00071	U
Beta-BHC	mg/kg	0.072	0.36	0.036	0.0022	U	0.00194	U	0.00172	U	0.00176	U	0.00175	U	0.0017	U
Heptachlor	mg/kg	0.42	2.1	0.042	0.0011	U	0.00097	U	0.00086	U	0.00088	U	0.00087	U	0.00085	U
Aldrin	mg/kg	0.019	0.097	0.005	0.0022	U	0.00194	U	0.00172	U	0.00176	U	0.00175	U	0.0017	U
Heptachlor epoxide	mg/kg				0.00413	U	0.00364	U	0.00323	U	0.0033	U	0.00328	U	0.00319	U
Endrin	mg/kg	2.2	11	0.014	0.00092	U	0.00081	U	0.00072	U	0.00073	U	0.00073	U	0.00071	U
Endrin aldehyde	mg/kg				0.00275	U	0.00242	U	0.00216	U	0.0022	U	0.00218	U	0.00213	U
Endrin ketone	mg/kg				0.0022	U	0.00194	U	0.00172	U	0.00176	U	0.00175	U	0.0017	U
Dieldrin	mg/kg	0.039	0.2	0.005	0.00138	U	0.00121	U	0.00108	U	0.0011	U	0.00109	U	0.00106	U
4,4'-DDE	mg/kg	1.8	8.9	0.0033	0.0022	U	0.00194	U	0.00172	U	0.00176	U	0.00175	U	0.0017	U
4,4'-DDD	mg/kg	2.6	13	0.0033	0.0022	U	0.00194	U	0.00172	U	0.00176	U	0.00175	U	0.0017	U
4,4'-DDT	mg/kg	1.7	7.9	0.0033	0.00413	U	0.00364	U	0.00323	U	0.0033	U	0.00328	U	0.00319	U
Endosulfan I	mg/kg	4.8	24	2.4	0.0022	U	0.00194	U	0.00172	U	0.00176	U	0.00175	U	0.0017	U
Endosulfan II	mg/kg	4.8	24	2.4	0.0022	U	0.00194	U	0.00172	U	0.00176	U	0.00175	U	0.0017	U
Endosulfan sulfate	mg/kg	4.8	24	2.4	0.00092	U	0.00081	U	0.00072	U	0.00073	U	0.00073	U	0.00071	U
Methoxychlor	mg/kg				0.00413	U	0.00364	U	0.00323	U	0.0033	U	0.00328	U	0.00319	U
Toxaphene	mg/kg				0.0413	U	0.0364	U	0.0323	U	0.033	U	0.0328	U	0.0319	U
cis-Chlordane	mg/kg	0.91	4.2	0.094	0.00275	U	0.00242	U	0.00216	U	0.0022	U	0.00218	U	0.00213	U
trans-Chlordane	mg/kg				0.00275	U	0.00242	U	0.00216	U	0.0022	U	0.00218	U	0.00213	U
Chlordane	mg/kg				0.0179	U	0.0158	U	0.014	U	0.0143	U	0.0142	U	0.0138	U
Polychlorinated Biphenyls by GC																
Aroclor 1016	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U
Aroclor 1221	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U
Aroclor 1232	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U
Aroclor 1242	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U
Aroclor 1248	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U
Aroclor 1254	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U
Aroclor 1260	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U
Aroclor 1262	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U
Aroclor 1268	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U
PCBs, Total	mg/kg	1	1	0.1	0.0458	U	0.0413	U	0.0363	U	0.0382	U	0.0377	U	0.0355	U

J - Presumptive evidence of compound.
U - Not detected at the reported detection limit for the sample.
NY-RESR: New York NYCRR Part 375 Residential Criteria
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted
Exceeds-RESR:
Exceeds-RESRR:
Exceeds-UNRES:
F1 : MS and/or MSD Recovery is outside acceptance limits.
F2 : MS/MSD RPD exceeds control limits
* : LCS or LCSD is outside acceptance limits.

Table 10
500 Main Street, New Rochelle, NY
Volatile Organics in Air

LOCATION	Units	NY-IAC-A	NY-IAC-B	NY-IAC-C	IA-1		IA-2		AA-1		IA-3		IA-4	
SAMPLING DATE					9/11/2019		9/11/2019		9/11/2019		9/11/2019		9/11/2019	
LAB SAMPLE ID					L1941898-01		L1941898-02		L1941898-03		L1941898-04		L1941898-05	
SAMPLE TYPE					AIR		AIR		AIR		AIR		AIR	
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air														
Dichlorodifluoromethane	ug/m3				6.53		5.44		2.36		2.78		2.38	
Chloromethane	ug/m3				0.871		0.807		0.975		1.16		1.04	
Freon-114	ug/m3				1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
1,3-Butadiene	ug/m3				0.442	U	0.442	U	0.442	U	0.442	U	0.442	U
Bromomethane	ug/m3				0.777	U	0.777	U	0.777	U	0.777	U	0.777	U
Chloroethane	ug/m3				0.528	U	0.528	U	0.528	U	0.528	U	0.528	U
Ethanol	ug/m3				9.42	U	9.42	U	14.7		9.42	U	203	
Vinyl bromide	ug/m3				0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
Acetone	ug/m3				4.92		5.11		15.2		40.4		18.1	
Trichlorofluoromethane	ug/m3				1.24		1.26		1.12		1.2		1.22	
Isopropanol	ug/m3				1.23	U	1.25		2.21		3.88		7.6	
Tertiary butyl Alcohol	ug/m3				1.52	U	1.52	U	1.52	U	1.52	U	1.52	U
Methylene chloride	ug/m3		3		3.16		1.74	U	1.74	U	1.74	U	1.74	U
3-Chloropropene	ug/m3				0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
Carbon disulfide	ug/m3				0.623	U	0.623	U	0.623	U	0.623	U	0.623	U
Freon-113	ug/m3				1.53	U	1.53	U	1.53	U	1.53	U	1.53	U
trans-1,2-Dichloroethene	ug/m3				0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
1,1-Dichloroethane	ug/m3				0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
Methyl tert butyl ether	ug/m3				0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
2-Butanone	ug/m3				1.47	U	1.47	U	1.47	U	3.42		1.47	U
Ethyl Acetate	ug/m3				1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Chloroform	ug/m3				0.977	U	0.977	U	0.977	U	2.21		0.977	U
Tetrahydrofuran	ug/m3				1.47	U	1.47	U	1.47	U	1.47	U	1.47	U
1,2-Dichloroethane	ug/m3				0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
n-Hexane	ug/m3				0.705	U	0.705	U	1.43		0.747		0.705	U
Benzene	ug/m3				0.639	U	0.639	U	1.28		1.87		0.639	U
Cyclohexane	ug/m3				0.688	U	0.688	U	0.688	U	0.688	U	0.688	U
1,2-Dichloropropane	ug/m3				0.924	U	0.924	U	0.924	U	0.924	U	0.924	U
Bromodichloromethane	ug/m3				1.34	U	1.34	U	1.34	U	1.34	U	1.34	U
1,4-Dioxane	ug/m3				0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
2,2,4-Trimethylpentane	ug/m3				0.934	U	0.934	U	2.04		0.972		0.934	U
Heptane	ug/m3				0.82	U	0.82	U	0.955		0.82	U	0.82	U
cis-1,3-Dichloropropene	ug/m3				0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
4-Methyl-2-pentanone	ug/m3				2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
trans-1,3-Dichloropropene	ug/m3				0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
1,1,2-Trichloroethane	ug/m3				1.09	U	1.09	U	1.09	U	1.09	U	1.09	U
Toluene	ug/m3				1.43		1.4		3.69		2.8		1.98	
2-Hexanone	ug/m3				0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Dibromochloromethane	ug/m3				1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,2-Dibromoethane	ug/m3				1.54	U	1.54	U	1.54	U	1.54	U	1.54	U
Chlorobenzene	ug/m3				0.921	U	0.921	U	0.921	U	0.921	U	0.921	U
Ethylbenzene	ug/m3				0.869	U	0.869	U	0.869	U	5.26		0.869	U
p/m-Xylene	ug/m3				1.74	U	1.74	U	1.95		21.8		1.74	U
Bromoform	ug/m3				2.07	U	2.07	U	2.07	U	2.07	U	2.07	U
Styrene	ug/m3				0.852	U	0.852	U	0.852	U	0.852	U	0.852	U
1,1,2,2-Tetrachloroethane	ug/m3				1.37	U	1.37	U	1.37	U	1.37	U	1.37	U
o-Xylene	ug/m3				0.869	U	0.869	U	0.869	U	6.78		0.869	U
4-Ethyltoluene	ug/m3				0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
1,3,5-Trimethylbenzene	ug/m3				0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
1,2,4-Trimethylbenzene	ug/m3				0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
Benzyl chloride	ug/m3				1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
1,3-Dichlorobenzene	ug/m3				1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,4-Dichlorobenzene	ug/m3				1.32		1.2	U	1.2	U	6.13		1.2	U
1,2-Dichlorobenzene	ug/m3				1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2,4-Trichlorobenzene	ug/m3				1.48	U	1.48	U	1.48	U	1.48	U	1.48	U
Hexachlorobutadiene	ug/m3				2.13	U	2.13	U	2.13	U	2.13	U	2.13	U
Volatile Organics in Air by SIM														
Vinyl chloride	ug/m3			0.2	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
1,1-Dichloroethene	ug/m3	0.2			0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
cis-1,2-Dichloroethene	ug/m3	0.2			0.079	U	0.079	U	0.079	U	0.385		0.079	U
1,1,1-Trichloroethane	ug/m3		3		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
Carbon tetrachloride	ug/m3	0.2			0.56		0.484		0.396		0.421		0.465	
Trichloroethene	ug/m3	0.2			0.107	U	0.107	U	0.145		1.2		0.107	U
Tetrachloroethene	ug/m3		3		0.224		0.237		0.298		0.502		0.264	

U - Not detected at the reported detection limit for the sample.
Exceeds New York Indoor Air Concentration A:
Exceeds New York Indoor Air Concentration B:
Exceeds New York Indoor Air Concentration C:
NY-IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria
NY-IAC-B: New York DOH Matrix B Indoor Air Concentrations Criteria
NY-IAC-C: New York DOH Matrix C Indoor Air Concentrations Criteria

Table 11
VOCs in Soil Vapor
500 Main Street, New Rochelle, NY

Client ID	NYSDOH Sub-Slab Vapor Concentrations	EPA VISL Soil Gas Residential	SV-1			SV-2			SV-3			SV-4		
Lab Sample ID			200-49721-1			200-49721-2			200-49721-3			200-49721-4		
Sampling Date			07/19/2019 09:35:00			07/19/2019 10:15:00			07/19/2019 13:15:00			07/19/2019 14:15:00		
Matrix			Air			Air			Air			Air		
Dilution Factor			10			10			10			10		
Unit	ug/m3	ug/m3	ug/m3			ug/m3			ug/m3			ug/m3		
			Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
AIR BY TO-15														
1,1,1-Trichloroethane	100	174000	11	U	11	11	U	11	11	U	11	11	U	11
1,1,2,2-Tetrachloroethane		1.61	14	U	14	14	U	14	14	U	14	14	U	14
1,1,2-Trichloroethane		5.85	11	U	11	11	U	11	11	U	11	11	U	11
1,1-Dichloroethane		58.5	8	U	8	8	U	8	8	U	8	8	U	8
1,1-Dichloroethene	6		8	U	8	8	U	8	8	U	8	8	U	8
1,2,4-Trichlorobenzene		69.5	37	U	37	37	U	37	37	U	37	37	U	37
1,2,4-Trimethylbenzene		2090	10	U	10	10	U	10	10	U	10	10	U	10
1,2-Dibromoethane		0.156	15	U	15	15	U	15	15	U	15	15	U	15
1,2-Dichlorobenzene		6950	12	U	12	12	U	12	12	U	12	12	U	12
1,2-Dichloroethane		3.6	8	U	8	8	U	8	8	U	8	8	U	8
1,2-Dichloropropane		25.3	9	U	9	9	U	9	9	U	9	9	U	9
1,2-Dichlorotetrafluoroethane			14	U	14	14	U	14	14	U	14	14	U	14
1,3,5-Trimethylbenzene		2090	10	U	10	10	U	10	10	U	10	10	U	10
1,3-Butadiene		3.12	**140**		4	**12**		4	**7**		4	4	U	4
1,3-Dichlorobenzene			12	U	12	12	U	12	12	U	12	12	U	12
1,4-Dichlorobenzene		8.51	12	U	12	12	U	12	12	U	12	12	U	12
1,4-Dioxane		18.7	180	U	180	180	U	180	180	U	180	180	U	180
2,2,4-Trimethylpentane			9	U	9	9	U	9	9	U	9	9	U	9
2-Chlorotoluene			10	U	10	10	U	10	10	U	10	10	U	10
3-Chloropropene			16	U	16	16	U	16	16	U	16	16	U	16
4-Ethyltoluene			10	U	10	10	U	10	10	U	10	10	U	10
Acetone		1070000	120	U	120	120	U	120	120	U	120	120	U	120
Benzene		12	**12**		6	6	U	6	6	U	6	6	U	6
Bromodichloromethane		2.53	13	U	13	13	U	13	13	U	13	13	U	13
Bromoethene(Vinyl Bromide)		2.92	9	U	9	9	U	9	9	U	9	9	U	9
Bromoform		85.1	21	U	21	21	U	21	21	U	21	21	U	21
Bromomethane		174	8	U	8	8	U	8	8	U	8	8	U	8
Carbon disulfide		24300	16	U	16	16	U	16	16	U	16	16	U	16
Carbon tetrachloride	6	15.6	13	U	13	13	U	13	13	U	13	13	U	13
Chlorobenzene		1740	9	U	9	9	U	9	9	U	9	9	U	9
Chloroethane			13	U	13	13	U	13	13	U	13	13	U	13
Chloroform		4.07	10	U	10	10	U	10	**21**		10	10	U	10
Chloromethane		3130	10	U	10	10	U	10	10	U	10	10	U	10
cis-1,2-Dichloroethene	6		8	U	8	8	U	8	8	U	8	8	U	8
cis-1,3-Dichloropropene			9	U	9	9	U	9	9	U	9	9	U	9
Cyclohexane		209000	7	U	7	7	U	7	7	U	7	7	U	7
Dibromochloromethane			17	U	17	17	U	17	17	U	17	17	U	17
Dichlorodifluoromethane		3480	25	U	25	25	U	25	25	U	25	25	U	25
Ethanol			**160**		94	**94**		94	94	U	94	**130**		94
Ethylbenzene		37.4	9	U	9	9	U	9	9	U	9	9	U	9
Freon TF			15	U	15	15	U	15	15	U	15	15	U	15
Hexachlorobutadiene		4.25	21	U	21	21	U	21	21	U	21	21	U	21
Isopropyl alcohol			120	U	120	120	U	120	120	U	120	120	U	120
m,p-Xylene		3480	22	U	22	22	U	22	22	U	22	22	U	22
Methyl Ethyl Ketone		174000	**21**		15	15	U	15	15	U	15	15	U	15
methyl isobutyl ketone		104000	20	U	20	20	U	20	20	U	20	20	U	20
Methyl methacrylate		24300	20	U	20	20	U	20	20	U	20	20	U	20
Methyl tert-butyl ether		360	7	U	7	7	U	7	7	U	7	7	U	7
Methylene Chloride	100	3380	17	U	17	17	U	17	17	U	17	17	U	17
Naphthalene		2.75	26	U	26	26	U	26	26	U	26	26	U	26
n-Heptane		13900	**17**		8	**11**		8	8	U	8	8	U	8
n-Hexane		24300	**69**		7	**19**		7	7	U	7	7	U	7
Styrene		34800	9	U	9	9	U	9	9	U	9	9	U	9
tert-Butyl alcohol			150	U	150	150	U	150	150	U	150	150	U	150
Tetrachloroethene	100		14	U	14	14	U	14	14	U	14	14	U	14
Tetrahydrofuran		69500	150	U	150	150	U	150	150	U	150	150	U	150
Toluene		174000	**17**		8	**12**		8	**9**		8	8	U	8
trans-1,2-Dichloroethene			8	U	8	8	U	8	8	U	8	8	U	8
trans-1,3-Dichloropropene			9	U	9	9	U	9	9	U	9	9	U	9
Trichloroethene	6		11	U	11	11	U	11	11	U	11	11	U	11
Trichlorofluoromethane			11	U	11	11	U	11	11	U	11	11	U	11
Vinyl chloride	6	5.59	5	U	5	5	U	5	5	U	5	5	U	5
Xylene, o-		3480	9	U	9	9	U	9	9	U	9	9	U	9

U : Indicates the analyte was analyzed for but not detected.

Exceedance of EPA VISL for Soil Gas

FIGURES

REFERENCE:
INFORMATION TAKEN FROM MOUNT VERNON, NY QUADRANGLE, 1995 7.5 MINUTE SERIES,

SCALE: 1"=2,000'

0 2,000 4,000

REFERENCE:
ALL INFORMATION TAKEN FROM DRAWING ENTITLED "PRELIMINARY GRADING & SOIL EROSION CONTROL PLAN" PREPARED BY ASSOCIATED CONSULTANTS, INC. DATED 3-3-15.

PHASE II
500 MAIN STREET
NEW ROCHELLE, WESTCHESTER COUNTY, NY

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

FIG-1

DRAWN BY: AG
CHECKED BY: TTK
SCALE: AS NOTED
DATE: 7/16/19
JOB NO.: 10637

N:\ACAD\10637\PHASE II\10637 BASE.DWG 07/16/19 02:40:01PM, cad, LAYOUT:FIG-1

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

LEGEND:

- SV-1 - SOIL VAPOR SAMPLE NUMBER & APPROX. LOCATION
- IA-1 - INDOOR AIR SAMPLE NUMBER & APPROX. LOCATION
- AA-1 - AMBIENT AIR SAMPLE NUMBER & APPROX. LOCATION
- PROPERTY LINE
- SITE BOUNDARY
- 1.2 - EXCEEDS APPLICABLE INDOOR AIR CRITERIA

NY-IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion (May 2017)

SCALE: 1"=40'
0 40 80

N:\ACAD\10637\PHASE II\10637 BASE.DWG 09/25/19 10:55:04AM, jenny, LAYOUT:FIG-3

dwg by: JY
chk by: TTK
scale: AS NOTED
date: 9/25/19

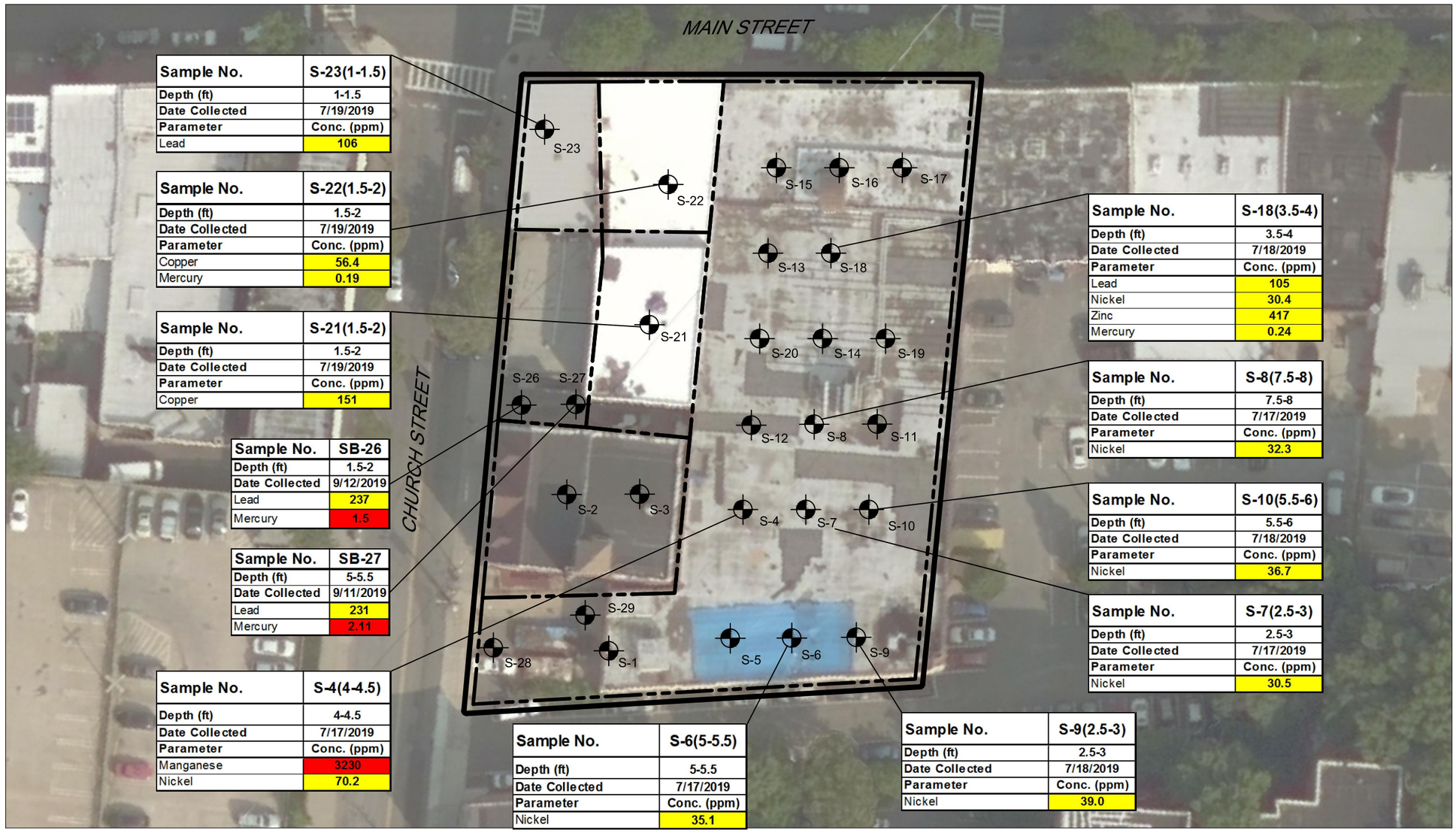
SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

PHASE II
500 MAIN STREET
NEW ROCHELLE, WESTCHESTER COUNTY, NY

SOIL VAPOR/ INDOOR AIR SAMPLE LOCATION PLAN

job no: 10637
drawing no:

FIG-3



Sample No.	S-23(1-1.5)
Depth (ft)	1-1.5
Date Collected	7/19/2019
Parameter	Conc. (ppm)
Lead	106

Sample No.	S-22(1.5-2)
Depth (ft)	1.5-2
Date Collected	7/19/2019
Parameter	Conc. (ppm)
Copper	56.4
Mercury	0.19

Sample No.	S-21(1.5-2)
Depth (ft)	1.5-2
Date Collected	7/19/2019
Parameter	Conc. (ppm)
Copper	151

Sample No.	SB-26
Depth (ft)	1.5-2
Date Collected	9/12/2019
Lead	237
Mercury	1.5

Sample No.	SB-27
Depth (ft)	5-5.5
Date Collected	9/11/2019
Lead	231
Mercury	2.11

Sample No.	S-4(4-4.5)
Depth (ft)	4-4.5
Date Collected	7/17/2019
Parameter	Conc. (ppm)
Manganese	3230
Nickel	70.2

Sample No.	S-6(5-5.5)
Depth (ft)	5-5.5
Date Collected	7/17/2019
Parameter	Conc. (ppm)
Nickel	35.1

Sample No.	S-9(2.5-3)
Depth (ft)	2.5-3
Date Collected	7/18/2019
Parameter	Conc. (ppm)
Nickel	39.0

Sample No.	S-18(3.5-4)
Depth (ft)	3.5-4
Date Collected	7/18/2019
Parameter	Conc. (ppm)
Lead	105
Nickel	30.4
Zinc	417
Mercury	0.24

Sample No.	S-8(7.5-8)
Depth (ft)	7.5-8
Date Collected	7/17/2019
Parameter	Conc. (ppm)
Nickel	32.3

Sample No.	S-10(5.5-6)
Depth (ft)	5.5-6
Date Collected	7/18/2019
Parameter	Conc. (ppm)
Nickel	36.7

Sample No.	S-7(2.5-3)
Depth (ft)	2.5-3
Date Collected	7/17/2019
Parameter	Conc. (ppm)
Nickel	30.5

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

LEGEND:

- B-1 - BORING NUMBER & APPROX. LOCATION
- PROPERTY LINE
- SITE BOUNDARY
- 237 - EXCEEDS UNRESTRICTED SCO
- 1.5 - EXCEEDS RESTRICTED RESIDENTIAL SCO

Analyte	UnRestricted	Restricted
Copper	50	270
Lead	63	400
Manganese	1600	2000
Nickel	30	310
Zinc	109	10000
Mercury	0.18	0.81

SCALE: 1"=40'
0 40 80

N:\ACAD\10637\PHASE II\10637 BASE.DWG 09/25/19 09:03:40AM, jenny, LAYOUT:FIG-2

dwg by: JY
chk by: TTK
scale: AS NOTED
date: 9/25/19

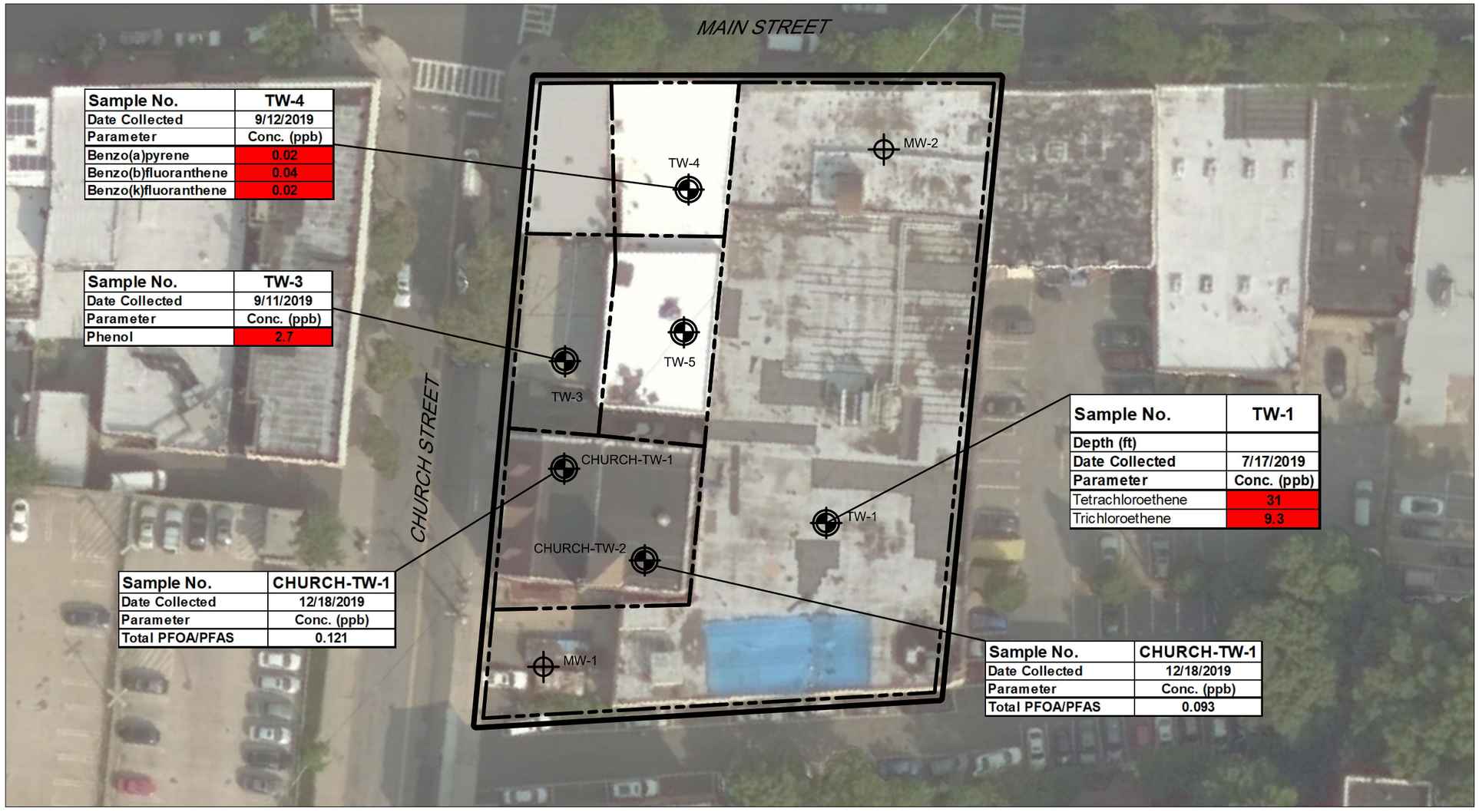
SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

PHASE II
500 MAIN STREET
NEW ROCHELLE, WESTCHESTER COUNTY, NY

SOIL BORING LOCATION PLAN

job no: 10637
drawing no:

FIG-2



NOTE:
THIS PLAN IS FOR LOCATING GROUNDWATER SAMPLING ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION. THERE ARE CURRENTLY NO GROUND WATER STANDARDS PROMULGATED FOR PFAS COMPOUNDS BY NYSDEC.

LEGEND:

- MW-1 - EXISTING WELL NUMBER & APPROX. LOCATION
- TW-1 - TEMPORARY WELL INSTALLED
- PROPERTY LINE
- SITE BOUNDARY
- 0.02 - CONCENTRATION EXCEEDS CRITERIA

Analyte	NYSDEC GW Criteria
Trichloroethene	5
Tetrachloroethene	5
Phenol	1
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002

SCALE: 1"=40'
0 40 80

dwg by: JY
chk by: TTK
scale: AS NOTED
date: 1/28/20

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

PHASE II
500 MAIN STREET
NEW ROCHELLE, WESTCHESTER COUNTY, NY

GROUNDWATER SAMPLING LOCATION PLAN

job no: 10637
drawing no:

FIG-4

N:\ACAD\10637\PHASE II\10637 BASE.DWG 01/28/20 03:26:00PM, jenny, LAYOUT:FIG-4

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

LEGEND:

(1) - AOC NUMBER & APPROX. LOCATION

\- - - - - PROPERTY LINE

\——— SITE BOUNDARY

SCALE: 1"=40'

0 40 80

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

dwg by: JY
chk by: TTK
scale: AS NOTED
date: 1/29/2020

PHASE II
500 MAIN STREET
NEW ROCHELLE, WESTCHESTER COUNTY, NY

AOC LOCATION PLAN

job no: 10637
drawing no:

FIG-5

N:\ACAD\10637\PHASE II\10637 BASE.DWG 01/29/20 02:24:02PM, jenny, LAYOUT:FIG-5

APPENDIX A
Ground Penetrating Radar Report

APPENDIX B
Boring Logs

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-4**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/17/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/17/19	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							
5							
10						Basement approximately 10' below grade	
			10				0
				12		2' thick concrete slab	0
	10	1	12	13		Brown coarse to fine SAND, some Silt, trace Clay, (wet)	0
			13				0
15	26	2		15	S-4 (4-4.5)	Brown coarse to fine SAND, some Silt, little Clay, (wet)	0
			15	16		Brown coarse to fine SAND, little Silt, trace Clay, (moist)	0
20						Boring complete at ±16.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-5**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/17/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/17/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
	14	1					0
				13	S-5 (2-2.5)	Brown coarse to fine SAND, little Silt, trace coarse Gravel (wet)	0
			13				0
15	28	2					0
				16		Brown coarse to fine SAND, some Silt, little Clay	0
						Boring complete at ±16.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-6**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/17/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/17/19	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							
5							
10						Basement approximately 10' below grade	
			10			16" Concrete	0
	16"	1					0
							0
						Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	0
15	24"	2		15		(wet)	0
			15	16	S-6 (5-5.5)	Light brown SILT, little Clay, trace SAND.	0
						Boring complete at ±16.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-7**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/17/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/17/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
	8	1					0
					S-7 (2.5-3)		0
	20	2					0
15						Brown coarse to fine SAND, some Silt, little coarse to fine Gravel	0
				16		(wet)	0
						Boring complete ±16.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS	PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-8**
	LOCATION:	New Rochelle, NY	JOB NO.	10637
	METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/17/19	GROUNDWATER TABLE DEPTH:	
INSPECTOR: JCS	DATE COMPLETED:	7/17/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
		1				Brown coarse to fine SAND, little coarse to fine Gravel, trace Silt	0
	10			13		(wet)	0
			13				0
15		2		15		Brown coarse to fine SAND, some Silt, little Clay (wet)	0
	26		15	16		Brown coarse to fine SAND, some fine Gravel, trace Silt (wet)	0
			16				0
		3			S-8 (7.5-8)	Brown coarse to fine SAND, some coarse to fine Gravel, trace Silt	0
	28			19		(moist)	0
20						Boring complete at ±19.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-9**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/17/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/17/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
	10	1					4.5
					S-9 (2.5-3)	Brown coarse to fine SAND, little coarse to fine Gravel, trace Silt	6.7
				14		with pieces of wood (wet)	3.2
15	28	2	14			Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	1.6
				16		(moist)	0
						Boring complete at ±16.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-10**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/17/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/17/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	
	1						0
		10					2.1
							2.8
15	2						3.2
		24			S-10 (5.5-6)		3.7
							1.2
	3			18		Brown-black coarse to fine SAND, little Silt, trace coarse to fine Gravel with pieces of wood throughout (wet)	0.8
		26	18	19		Brown coarse to fine SAND, some Silt.	0
20						Boring complete at ±19.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-11**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/18/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/18/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
	10	1				Brown-black coarse to fine SAND, some Silt, trace coarse to fine Gravel (wet)	0
				13	S-11 (2.5-3)		3.8
			13				2.4
15	24	2					1.2
				16		Brown coarse to fine SAND, little coarse to fine Gravel, trace Silt with pieces of wood throughout	0
						Boring complete at ±16.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-12**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/17/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/17/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
	12	1			S-12 (2-2.5)	Brown coarse to fine SAND, little SILT, trace coarse to fine Gravel	0
				13		(wet)	0
			13	14		Brown coarse to fine SAND little coarse to fine Gravel	0
15	28	2	14				0
				16		Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	0
						Boring complete at ±16.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-13**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/18/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/18/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
	12	1		12		Black-brown coarse to fine GRAVEL (wet)	0
			12	13		Brown coarse to fine SAND, little silt, trace Gravel	0
			13				0
15	26	2			S-13 (4-4.5)		0
				16		Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	0
						Boring complete at ±16.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-14**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/17/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/17/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
					S-14 (1.5-2)		2.8
				13		Brown coarse to fine SAND, little Silt, trace Clay (wet)	1.2
			13	14		Brown-black coarse to fine GRAVEL, some coarse to fine SAND	0
15			14				0
				16		Brown coarse to fine SAND, some coarse to fine Gravel, trace Silt	0
						Boring complete at ±16.0 Feet B.G.S	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-15**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Hand Auger	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/18/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/18/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
							0
						Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	0
				14	S-15 (3-3.5)	(wet)	0
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-16**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Hand Auger	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/18/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/18/19	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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
				12	S-16 (1.5-2)	Brown coarse to fine SAND, some coarse to fine Gravel (wet)	0
						Boring complete at ±12.0 Feet B.G.S (refusal)	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-17**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Hand Auger	GROUND ELEVATION:	NA
GEOPROBE BY:	EMC (Ryan)	DATE STARTED:	7/18/19
INSPECTOR:	JCS	DATE COMPLETED:	7/18/19

GROUNDWATER TABLE DEPTH: 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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
							0
					S-17 (2-2.5)	Brown coarse to fine SAND, some Silt, trace coarse to fine Gravel	0
				14		(wet)	0
15						Boring complete at ±14.0 Feet B.G.S (refusal)	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-18**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY:	EMC (Ryan)	DATE STARTED:	7/18/19
INSPECTOR:	JCS	DATE COMPLETED:	7/18/19

GROUNDWATER TABLE DEPTH: 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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
	12	1					0
							0
	10	2		14	S-18 (3.5-4)	Brown-black coarse to fine SAND, some Silt, little Clay	0
15						Boring complete at ±14.0 Feet B.G.S (refusal)	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-19**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Hand Auger	GROUND ELEVATION:	NA
GEOPROBE BY:	EMC (Ryan)	DATE STARTED:	7/19/19
INSPECTOR:	JCS	DATE COMPLETED:	7/19/19

GROUNDWATER TABLE DEPTH: 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							
5							
10						Basement approximately 10 feet below grade	
			10			18" Concrete	0
						Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	0
				13	S-19 (3-3.5)	(wet)	0
						Boring complete at ±13 Feet B.G.S. (refusal)	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-20**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Hand Auger	GROUND ELEVATION:	NA
GEOPROBE BY:	EMC (Ryan)	DATE STARTED:	7/19/19
INSPECTOR:	JCS	DATE COMPLETED:	7/19/19

GROUNDWATER TABLE DEPTH: 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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
					S-20 (2-2.5)		0
				13		Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	0
						Boring Complete at ±13.0 Feet B.G.S (refusal)	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-21**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Hand Auger	GROUND ELEVATION:	NA
GEOPROBE BY:	EMC (Ryan)	DATE STARTED:	7/19/19
INSPECTOR:	JCS	DATE COMPLETED:	7/19/19

GROUNDWATER TABLE DEPTH: 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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
					S-21 (1.5-2)		0
				13		Brown-red coarse to fine SAND, some coarse to fine Gravel (wet)	0
						Boring Complete at ±13.0 Feet B.G.S (refusal)	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-22**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Hand Auger	GROUND ELEVATION:	NA
GEOPROBE BY:	EMC (Ryan)	DATE STARTED:	7/19/19
INSPECTOR:	JCS	DATE COMPLETED:	7/19/19

GROUNDWATER TABLE DEPTH: 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							
5							
10						Basement approximately 10' below grade	
			10			18" Concrete	0
				12	S-22 (1.5-2)	Brown coarse to fine SAND, little coarse to fine Gravel	0
						Boring Complete at ±13.0 Feet B.G.S (refusal)	
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.

SESI CONSULTING ENGINEERS

PROJECT NAME:	500 Main St.	GEOPROBE NO.	**S-23**
LOCATION:	New Rochelle, NY	JOB NO.	10637
METHOD:	Hand Auger	GROUND ELEVATION:	NA
GEOPROBE BY: EMC (Ryan)	DATE STARTED:	7/19/19	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	7/19/19	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							
5							
10						Basement approximately 10' below grade	
			10			6" Concrete	0
					S-23 (1-1.5)	Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	0
				13		Boring Complete at ±13.0 Feet B.G.S (refusal)	
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.

APPENDIX C
Laboratory Results
(Electronic)

ANALYTICAL REPORT

Lab Number:	L1960688
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	500 MAIN STREET
Project Number:	10637
Report Date:	01/22/20

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).

Six Park Row, Mansfield, MA 02048
508-261-7467 (Fax) -- -- - emccarter@mansfieldma.com

Project Name: 500 MAIN STREET
Project Number: 10637

Lab Number: L1960688
Report Date: 01/22/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1960688-01	TW-1	WATER	500 MAIN ST, NEW ROCHELLE	12/18/19 11:45	12/18/19
L1960688-02	TW-2	WATER	500 MAIN ST, NEW ROCHELLE	12/18/19 12:05	12/18/19
L1960688-03	FB	WATER	500 MAIN ST, NEW ROCHELLE	12/18/19 11:30	12/18/19

Project Name:	500 MAIN STREET	**Lab Number:**	L1960688
Project Number:	10637	**Report Date:**	01/22/20

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:	500 MAIN STREET	**Lab Number:**	L1960688
Project Number:	10637	**Report Date:**	01/22/20

Case Narrative (continued)

Perfluorinated Alkyl Acids by Isotope Dilution

L1960688-02: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1325613-2/-3: The LCS/LCSD RPDs, associated with L1960688-01 through -03, are above the acceptance criteria for several compounds. See the LCS/LCSD Summary for details.

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: Elizabeth Porta

Title: Technical Director/Representative Date: 01/22/20

ORGANICS

SEMIVOLATILES

Project Name: 500 MAIN STREET
Project Number: 10637
Lab Number: L1960688
Report Date: 01/22/20

SAMPLE RESULTS

Lab ID: L1960688-01
Client ID: TW-1
Sample Location: 500 MAIN ST, NEW ROCHELLE

Date Collected: 12/18/19 11:45
Date Received: 12/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/22/20 02:27
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 12/29/19 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.87		ng/l	1.80	0.367	1
Perfluoropentanoic Acid (PFPeA)	12.4		ng/l	1.80	0.356	1
Perfluorobutanesulfonic Acid (PFBS)	4.69		ng/l	1.80	0.214	1
Perfluorohexanoic Acid (PFHxA)	11.9		ng/l	1.80	0.295	1
Perfluoroheptanoic Acid (PFHpA)	6.44		ng/l	1.80	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	1.49	J	ng/l	1.80	0.338	1
Perfluorooctanoic Acid (PFOA)	23.1		ng/l	1.80	0.212	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.80	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.80	0.619	1
Perfluorononanoic Acid (PFNA)	5.38		ng/l	1.80	0.280	1
Perfluorooctanesulfonic Acid (PFOS)	69.9		ng/l	1.80	0.453	1
Perfluorodecanoic Acid (PFDA)	6.14		ng/l	1.80	0.273	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.80	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.993	J	ng/l	1.80	0.583	1
Perfluoroundecanoic Acid (PFUnA)	2.22		ng/l	1.80	0.234	1
Perfluorodecanesulfonic Acid (PFDS)	3.33		ng/l	1.80	0.881	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.80	0.522	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.80	0.723	1
Perfluorododecanoic Acid (PFDoA)	0.626	J	ng/l	1.80	0.334	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.80	0.294	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.80	0.223	1
PFOA/PFOS, Total	93.0		ng/l	1.80	0.212	1

Project Name: 500 MAIN STREET **Lab Number:** L1960688

Project Number: 10637 **Report Date:** 01/22/20

SAMPLE RESULTS

Lab ID: L1960688-01 Date Collected: 12/18/19 11:45

Client ID: TW-1 Date Received: 12/18/19

Sample Location: 500 MAIN ST, NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	80		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	115		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	127		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	119		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	111		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	115		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	33		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	33		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	64		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	53		33-143

Project Name: 500 MAIN STREET
Project Number: 10637
Lab Number: L1960688
Report Date: 01/22/20

SAMPLE RESULTS

Lab ID: L1960688-02
Client ID: TW-2
Sample Location: 500 MAIN ST, NEW ROCHELLE

Date Collected: 12/18/19 12:05
Date Received: 12/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/22/20 02:44
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 12/29/19 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	13.0		ng/l	1.83	0.374	1
Perfluoropentanoic Acid (PFPeA)	11.7		ng/l	1.83	0.363	1
Perfluorobutanesulfonic Acid (PFBS)	11.0		ng/l	1.83	0.218	1
Perfluorohexanoic Acid (PFHxA)	12.0		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	7.79		ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	2.08		ng/l	1.83	0.344	1
Perfluorooctanoic Acid (PFOA)	21.3		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.762	J	ng/l	1.83	0.630	1
Perfluorononanoic Acid (PFNA)	4.17		ng/l	1.83	0.286	1
Perfluorooctanesulfonic Acid (PFOS)	100		ng/l	1.83	0.462	1
Perfluorodecanoic Acid (PFDA)	3.76		ng/l	1.83	0.278	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.593	1
Perfluoroundecanoic Acid (PFUnA)	1.39	J	ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	2.90		ng/l	1.83	0.897	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.531	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.736	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.341	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.300	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.227	1
PFOA/PFOS, Total	121		ng/l	1.83	0.216	1

Project Name: 500 MAIN STREET **Lab Number:** L1960688

Project Number: 10637 **Report Date:** 01/22/20

SAMPLE RESULTS

Lab ID: L1960688-02 Date Collected: 12/18/19 12:05

Client ID: TW-2 Date Received: 12/18/19

Sample Location: 500 MAIN ST, NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	48		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	53		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	68		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	49		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	53		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	74		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	54		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	68		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	54		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	59		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	43		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	54		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	11		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**32**	Q	40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	6		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**12**	Q	23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**23**	Q	24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**22**	Q	33-143

Project Name: 500 MAIN STREET
Project Number: 10637
Lab Number: L1960688
Report Date: 01/22/20

SAMPLE RESULTS

Lab ID: L1960688-03
Client ID: FB
Sample Location: 500 MAIN ST, NEW ROCHELLE

Date Collected: 12/18/19 11:30
Date Received: 12/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/22/20 03:00
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 12/29/19 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.84	0.375	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.84	0.364	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	0.334	J	ng/l	1.84	0.301	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.632	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.287	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.463	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.279	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.596	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.239	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.901	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.533	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.739	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.342	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.301	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	ND		ng/l	1.84	0.217	1

Project Name: 500 MAIN STREET **Lab Number:** L1960688

Project Number: 10637 **Report Date:** 01/22/20

SAMPLE RESULTS

Lab ID: L1960688-03 Date Collected: 12/18/19 11:30

Client ID: FB Date Received: 12/18/19

Sample Location: 500 MAIN ST, NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	114		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	115		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	114		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	123		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	115		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	115		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	109		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	66		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	86		33-143

Project Name: 500 MAIN STREET
Project Number: 10637
Lab Number: L1960688
Report Date: 01/22/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/21/20 13:12
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 12/29/19 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1325613-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.340	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 500 MAIN STREET
Project Number: 10637

Lab Number: L1960688
Report Date: 01/22/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/21/20 13:12
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 12/29/19 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1325613-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	105		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	110		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	119		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	64		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		33-143

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN STREET

Project Number: 10637

Lab Number: L1960688

Report Date: 01/22/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1325613-2 WG1325613-3								
Perfluorobutanoic Acid (PFBA)	83		121		67-148	**37**	Q	30
Perfluoropentanoic Acid (PFPeA)	88		125		63-161	**35**	Q	30
Perfluorobutanesulfonic Acid (PFBS)	82		115		65-157	**34**	Q	30
Perfluorohexanoic Acid (PFHxA)	83		121		69-168	**37**	Q	30
Perfluoroheptanoic Acid (PFHpA)	83		117		58-159	**34**	Q	30
Perfluorohexanesulfonic Acid (PFHxS)	81		118		69-177	**37**	Q	30
Perfluorooctanoic Acid (PFOA)	87		127		63-159	**37**	Q	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	92		147		49-187	**46**	Q	30
Perfluoroheptanesulfonic Acid (PFHpS)	91		140		61-179	**42**	Q	30
Perfluorononanoic Acid (PFNA)	86		123		68-171	**35**	Q	30
Perfluorooctanesulfonic Acid (PFOS)	81		128		52-151	**45**	Q	30
Perfluorodecanoic Acid (PFDA)	83		118		63-171	**35**	Q	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	98		148		56-173	**41**	Q	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		137		60-166	28		30
Perfluoroundecanoic Acid (PFUnA)	83		120		60-153	**36**	Q	30
Perfluorodecanesulfonic Acid (PFDS)	84		125		38-156	**39**	Q	30
Perfluorooctanesulfonamide (FOSA)	82		120		46-170	**38**	Q	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	85		121		45-170	**35**	Q	30
Perfluorododecanoic Acid (PFDoA)	84		125		67-153	**39**	Q	30
Perfluorotridecanoic Acid (PFTrDA)	86		126		48-158	**38**	Q	30
Perfluorotetradecanoic Acid (PFTA)	88		135		59-182	**42**	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN STREET

Project Number: 10637

Lab Number: L1960688

Report Date: 01/22/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1325613-2 WG1325613-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	117		112		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	122		118		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118		116		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	116		110		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	121		117		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	129		121		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	119		114		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	134		118		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	121		116		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116		109		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	114		110		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	135		124		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		74		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113		113		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	54		46		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		82		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		96		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		84		33-143

Project Name: 500 MAIN STREET
Project Number: 10637

Lab Number: L1960688
Report Date: 01/22/20

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(*)
L1960688-01A	2 Plastic/1 Plastic/1 H20 Plastic	A	NA		5.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L1960688-01B	2 Plastic/1 Plastic/1 H20 Plastic	A	NA		5.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L1960688-02A	2 Plastic/1 Plastic/1 H20 Plastic	A	NA		5.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L1960688-02B	2 Plastic/1 Plastic/1 H20 Plastic	A	NA		5.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L1960688-03A	2 Plastic/1 Plastic/1 H20 Plastic	A	NA		5.2	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 500 MAIN STREET
Project Number: 10637
Lab Number: L1960688
Report Date: 01/22/20

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1

Project Name:	500 MAIN STREET	**Lab Number:**	L1960688
Project Number:	10637	**Report Date:**	01/22/20

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:	500 MAIN STREET	**Lab Number:**	L1960688
Project Number:	10637	**Report Date:**	01/22/20

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.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

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.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	500 MAIN STREET	**Lab Number:**	L1960688
Project Number:	10637	**Report Date:**	01/22/20

Data Qualifiers

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:	500 MAIN STREET	**Lab Number:**	L1960688
Project Number:	10637	**Report Date:**	01/22/20

REFERENCES

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

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.

ALPHA — NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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

Page 1 of 1

Date Rec'd in Lab: 12/19/19

ALPHA Job #: L1960688

Project Information
Project Name: 500 main street
Project Location: 500 main st, New Rochelle
Project #: 10637
(Use Project name as Project #) ☐ ~~JESSE (DIP)~~ 10637
Project Manager: JESSE M
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: SESI
Address: 12 A Maple Ave Pine brook NJ 07058
Phone: 973-808-9050
Fax:
Email: Jam@sesi.org

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: PFAS

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	PFAS	Sample Specific Comments	Total Bottles
960688-01	TW-1	12/18/19	1145	GW	DA	X		
-02	TW-2	12/18/19	1205	GW	↓	X		
-03	FB	12/18/19	1130	DI	↓	X		

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: A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/18/19 1505	[signature] AAL	12/18/19 1505
[signature]	12/18/19 1827	[signature] AAL	12/18/19 2030
[signature] AAL	12/19/19 0100	[signature]	12/19/19 0012
T. [signature]	12/19/19 0400	[signature]	12/19/19 0400

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)

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ANALYTICAL REPORT

Job Number: 200-49721-1

Job Description: 500 Main St., New Rochelle, NY

For:
SESI Consulting Engineers
12 A Maple Avenue
Pine Brook, NJ 07058

Attention: Todd Kelly

Approved for release.
Grace Chang
Project Manager II
7/30/2019 2:44 PM

Grace Chang, Project Manager II
777 New Durham Road, Edison, NJ, 08817
(732)593-2579
grace.chang@testamericainc.com
07/30/2019

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

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ANALYTICAL DATA PACKAGE FOR THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION TRENTON, NEW JERSEY 08625

Agency/Division:		**Bureau/Office:**	
Project No:		**Contract No.:**	
Laboratory Name:	TestAmerica Laboratories	**Laboratory Location:**	South Burlington, Vermont
SDG or Batch No.:		**NJDEP Certification No.:**	VT972
Date of First Sample Receipt:	07/22/2019	**Date of Last Sample Receipt:**	07/22/2019

Agency Sample Number	Laboratory Sample Number	Sample Location	Date and Time of Collection
SV-1	200-49721-1	SV-1	07/19/2019 09:35
SV-2	200-49721-2	SV-2	07/19/2019 10:15
SV-3	200-49721-3	SV-3	07/19/2019 13:15
SV-4	200-49721-4	SV-4	07/19/2019 14:15

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in the hardcopy data package and in the computer-readable date submitted on disk or electronically has been authorize by the laboratory manager or his/her designee, as verified by the following signature.

Laboratory Manager (Typed):	Don Dawicki	**Date:**
Laboratory Manager (Signature):		
Quality Assurance Manager (Typed):	Luke Orchard	**Date:**
Quality Assurance Manager (Signature):		

TestAmerica Burlington
Canister Sampling Field Test Data Sheet

General Information

Site Location:	New Rochelle	Job Number:	10037
Site Address:	500 Main St	Size of Canister:	1L
Field ID No:	SV-1	Canister Serial No:	6444
Sampling Date(s):	7/19/19	Flow Controller No:	4626
Shipping Date:			

Sampling Information

AMBIENT READINGS (Outside)

	Temperature (°F)	Barometric Pressure (inches of Hg)
Start	75	29.91
Stop	75	29.91

SAMPLING TIMES (24 hour clock)

	Local Times	Elapsed Time Meter Reading
Start	0930	0:00
Stop	0935	0:05

CANISTER PRESSURE (inches of Hg) From Gauge

Start	-27
Stop	-4

INTERIOR TEMPERATURE °F

Start	
Stop	

Signature/Title
Investigator

Laboratory Information

FLOW RATES (ml/min) Flow Controller Readout

Shipping out from Lab	187	required (from lab record log) after return
Receiving in Lab		(if applicable only if changed)

CANISTER PRESSURE (inches of Hg)

Initial Pressure (to field)	-30.0	required (from lab record log) after return
Final Pressure (from field)	-6.1	required (from lab record log) after return

Data Shipped Out: 7/15/19
Date Received Back: 7/22/19
Individual Canister Certification (provide File #):
Batch Certification (provide Batch ID#): 6444-36556

Signature/Title
GC/MS Analyst

BRFAI050:10.18.13:0
TestAmerica Burlington

TestAmerica Burlington
Canister Sampling Field Test Data Sheet

General Information

Site Location:	New Rochelle	**Job Number:**	10637
Site Address:	500 Main St	**Size of Canister:**	1L
Field ID No:	SV-2	**Canister Serial No:**	3329
Sampling Date(s):	7/19/19	**Flow Controller No:**	0101
Shipping Date:			

Sampling Information

AMBIENT READINGS (Outside)

	Temperature (°F)	Barometric Pressure (inches of Hg)
Start	77	29.91
Stop	77	29.91

SAMPLING TIMES (24 hour clock)

	Local Times	Elapsed Time Meter Reading
Start	1010	0:00
Stop	1015	0:05

CANISTER PRESSURE (inches of Hg) From Gauge

Start	-26
Stop	-5

INTERIOR TEMPERATURE °F

Start	
Stop	

Signature/Title
Investigator

Laboratory Information

FLOW RATES (ml/min) Flow Controller Readout

Shipping out from Lab	186	required (from lab record log) after return
Receiving in Lab		(if applicable only if changed)

CANISTER PRESSURE (inches of Hg)

Initial Pressure (to field)	-30.0	required (from lab record log) after return
Final Pressure (from field)	-6.8	required (from lab record log) after return

Data Shipped Out: 7/15/19

Date Received Back: 7/22/19

Individual Canister Certification (provide File #):

Batch Certification (provide Batch ID#): 6320-36036

Signature/Title
GC/MS Analyst

BRFAI050:10.18.13:0
TestAmerica Burlington

TestAmerica Burlington
Canister Sampling Field Test Data Sheet

General Information

Site Location:	New Rochelle	Job Number:	190637
Site Address:	500 Main St	Size of Canister:	1L
Field ID No:	SV-3	Canister Serial No:	6384
Sampling Date(s):	7/19/19	Flow Controller No:	4698
Shipping Date:			

Sampling Information

AMBIENT READINGS (Outside)

	Temperature (°F)	Barometric Pressure (inches of Hg)
Start	77	29.91
Stop	77	29.91

SAMPLING TIMES (24 hour clock)

	Local Times	Elapsed Time Meter Reading
Start	1310	0:00
Stop	1315	0:05

CANISTER PRESSURE (inches of Hg) From Gauge

Start	-29
Stop	-5

INTERIOR TEMPERATURE °F

Start	68
Stop	68

Signature/Title
Investigator

Laboratory Information

FLOW RATES (ml/min) Flow Controller Readout

Shipping out from Lab	189	required (from lab record log) after return
Receiving in Lab		(if applicable only if changed)

CANISTER PRESSURE (inches of Hg)

Initial Pressure (to field)	-30.0	required (from lab record log) after return
Final Pressure (from field)	-5.9	required (from lab record log) after return

Data Shipped Out: 7/15/19
Date Received Back: 7/22/19
Individual Canister Certification (provide File #):
Batch Certification (provide Batch ID#): 3691-3664

Signature/Title
GC/MS Analyst

BRFAI050:10.18.13:0
TestAmerica Burlington

TestAmerica Burlington
Canister Sampling Field Test Data Sheet

General Information

Site Location:	New Rochelle	**Job Number:**	10637
Site Address:	500 Main St	**Size of Canister:**	1L
Field ID No:	SV-4	**Canister Serial No:**	4651
Sampling Date(s):	7/19/19	**Flow Controller No:**	5321
Shipping Date:			

Sampling Information

AMBIENT READINGS (Outside)

	Temperature (°F)	Barometric Pressure (inches of Hg)
Start	85	29.87
Stop	85	29.87

SAMPLING TIMES (24 hour clock)

	Local Times	Elapsed Time Meter Reading
Start	1410	0:00
Stop	1415	0:05

CANISTER PRESSURE (inches of Hg) From Gauge

Start	-30
Stop	-5

INTERIOR TEMPERATURE °F

Start	65
Stop	65

Signature/Title
Investigator

Laboratory Information

FLOW RATES (ml/min) Flow Controller Readout

Shipping out from Lab	186	required (from lab record log) after return
Receiving in Lab		(if applicable only if changed)

CANISTER PRESSURE (inches of Hg)

Initial Pressure (to field)		required (from lab record log) after return
Final Pressure (from field)	-3.4	required (from lab record log) after return

Data Shipped Out: 7/15/19

Date Received Back: 7/22/19

Individual Canister Certification (provide File #):

Batch Certification (provide Batch ID#): 3691-36646

Signature/Title
GC/MS Analyst

BRFAI050:10.18.13:0
TestAmerica Burlington

Eurofins TestAmerica, Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

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TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Todd Kelly	**Samples Collected By:** Jon Stewart	COC No: 1 of 1 COCs
Company Name: SSSI	Phone: 9733805950		
Address: 12 Maple ave	Email: TTK@sesi.org		
City/State/Zip: Pine Brook, NJ			
Phone: 9733805950	Site Contact:		
FAX:	Tel/Fax		
Project Name: 500 Main St	**Analysis Turnaround Time**		
Site/Location: New Rochelle, NY	Standard (Specific): 1 week		
P O # 10637	Rush (Specifiy):		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14A (SIM) Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type: Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
SV-1	7/19/19	930	7/19/19	935	-27	-4	4626	6444	X													
SV-2		1010		1015	-26	-5	6101	3329														
SV-3		1310		1315	-29	-5	4698	6384														
SV-4		1410		1415	-30	-5	5326	4651														

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop			

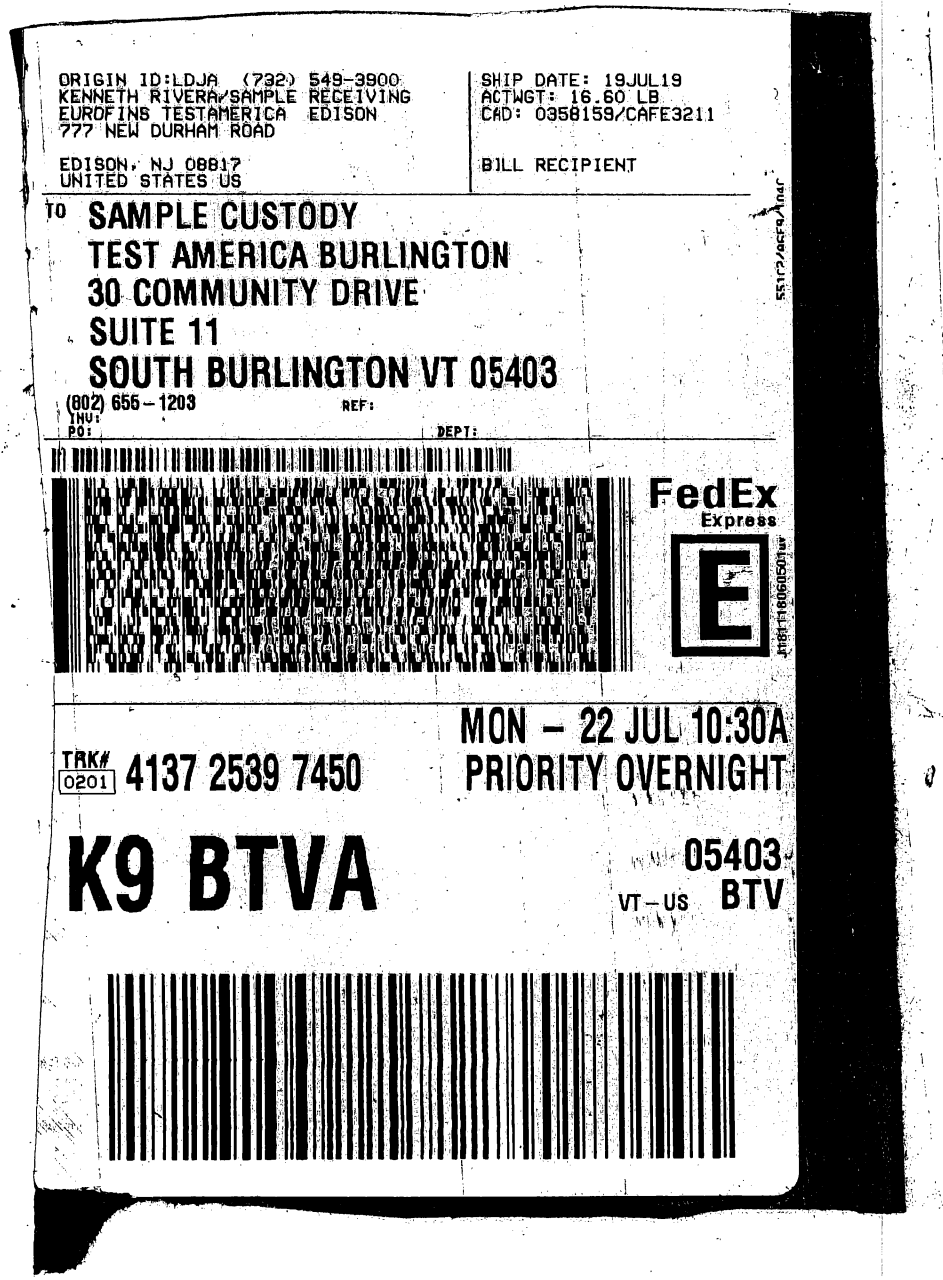
Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop			

200-49721 COC

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	**Date / Time:**	**Samples Received by:** TABa	7/22/19 0830
Samples Relinquished by:	**Date / Time:** 7/19/19 1725	**Received by:** DAEd	7/19/19 1925
Relinquished by: DAEd	**Date / Time:** 7/19/19 1900	**Received by:**	
Lab Use Only:	**Shipper Name:**	**Opened by:**	**Condition:**

For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:
(See below for Add'l Items)



ORIGIN ID:LDJA (732) 549-3900
KENNETH RIVERA/SAMPLE RECEIVING
EUROFINS TESTAMERICA EDISON
777 NEW DURHAM ROAD

EDISON, NJ 08817
UNITED STATES US

SHIP DATE: 19JUL19
ACTWGT: 16.60 LB
CAD: 0358159/CAFE3211

BILL RECIPIENT

TO SAMPLE CUSTODY
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 656-1203 REF:

INV:
PO: DEPT:

FedEx Express

TRK# 0201 4137 2539 7450

MON - 22 JUL 10:30A
PRIORITY OVERNIGHT

K9 BTVA

05403
VT-US BTV

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: SESI Consulting Engineers

Job Number: 200-49721-1

Login Number: 49721
List Number: 1
Creator: Lavigne, Scott M

List Source: Eurofins TestAmerica, Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00203	01/01/20	02/02/19	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00165	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Hexanone	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Butane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chlorodifluoromethane	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Freon TF	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							Isopropylbenzene	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Ethyl Ketone	0.20044 ppb v/v
							methyl isobutyl ketone	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							N-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.20044 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00165	01/22/20	02/02/19	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00109	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Hexanone	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Butane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropylbenzene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							N-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00102	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00109	01/22/20	02/02/19	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00033	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00033	01/22/20		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00102	02/23/20	02/02/19	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00278	01/01/20	02/02/19	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00165	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dioxane	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	0.500453 ppb v/v
							2-Hexanone	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Butane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chlorodifluoromethane	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Freon TF	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							Isopropylbenzene	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Ethyl Ketone	0.500453 ppb v/v
							methyl isobutyl ketone	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							N-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00102	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00165	01/22/20	02/02/19	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00109	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Hexanone	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Butane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							Isopropylbenzene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							N-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00102	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00109	01/22/20	02/02/19	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00033	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00033	01/22/20		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00102	02/23/20	02/02/19	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00009	09/05/21		Chem Service, Lot 5301900		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00102	02/23/20	02/02/19	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21		Chem Service, Lot 5301900		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00213	07/04/19	04/04/19	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00109	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	4.99256 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Hexanone	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Butane	4.99256 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodifluoromethane	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Freon TF	4.99256 ppb v/v
							Hexachlorobutadiene	4.99256 ppb v/v
							Isopropyl alcohol	4.99256 ppb v/v
							Isopropylbenzene	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Ethyl Ketone	4.99256 ppb v/v
							methyl isobutyl ketone	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							N-Propylbenzene	4.99256 ppb v/v
							Naphthalene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00102	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00109	01/22/20	02/02/19	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00033	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00033	01/22/20		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00102	02/23/20	02/02/19	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL4w_00728	09/03/19	06/04/19	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00115	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Hexanone	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Butane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							Isopropylbenzene	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							N-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
					ATTO15EthCALw_00103	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00115	09/03/19	06/03/19	Nitrogen, Lot 13	15 L	ATTO15CALs_00033	3000 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00033	01/22/20		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Hexanone	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00103	09/10/19	06/10/19	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00728	09/03/19	06/04/19	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00115	773 mL	1,2-Dichloroethene, Total	19.9961 ppb v/v
							Xylenes, Total	29.9942 ppb v/v
.ATTO15CALSTKi_00115	09/03/19	06/03/19	Nitrogen, Lot 13	15 L	ATTO15CALs_00033	3000 mL	1,2-Dichloroethene, Total	400 ppb v/v
							Xylenes, Total	600 ppb v/v
..ATTO15CALs_00033	01/22/20	Linde, Lot CC-133603			(Purchased Reagent)		1,2-Dichloroethene, Total	2 ppm v/v
							Xylenes, Total	3 ppm v/v
ATTO15CAL5w_00085	08/01/19	05/01/19	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00109	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Hexanone	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Butane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chlorodifluoromethane	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Freon TF	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropylbenzene	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Ethyl Ketone	15.0036 ppb v/v
							methyl isobutyl ketone	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							N-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00102	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00109	01/22/20	02/02/19	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00033	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00033	01/22/20		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00102	02/23/20	02/02/19	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00165	01/22/20	02/02/19	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00109	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	19.9961 ppb v/v
							2-Hexanone	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Butane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							Isopropylbenzene	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							N-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00102	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00109	01/22/20	02/02/19	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00033	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00033	01/22/20		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	2 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00102	02/23/20	02/02/19	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00087	09/03/19	06/04/19	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00115	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	39.9922 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Hexanone	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Butane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chlorodifluoromethane	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Freon TF	39.9922 ppb v/v
							Hexachlorobutadiene	39.9922 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	39.9922 ppb v/v
							Isopropylbenzene	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Ethyl Ketone	39.9922 ppb v/v
							methyl isobutyl ketone	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							N-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00103	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00115	09/03/19	06/03/19	Nitrogen, Lot 13	15 L	ATTO15CALs_00033	3000 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00033	01/22/20		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00103	09/10/19	06/10/19	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15GIS_00015							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							1,4-Pentadiene	
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Total Alkanes	
							Xylenes, Total	
ATTO15LCSW_00797	09/10/19	06/22/19	Nitrogen, Lot 13	15.463 L	ATTO15EthCALw_00103	464 mL	Ethanol	15.0036 ppb v/v
					ATTO15LCSSTKi_00104	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Hexanone	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Butane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							Isopropylbenzene	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							N-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
							Xylenes, Total	29.9942 ppb v/v
.ATTO15EthCALw_00103	09/10/19	06/10/19	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21		Chem Service, Lot 5301900		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15LCSSTKi_00104	09/21/19	06/21/19	Nitrogen, Lot 12	37.5 L	ATTO15LCSs_00025	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Hexanone	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							Isopropylbenzene	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
							Xylenes, Total	600 ppb v/v
..ATTO15LCSs_00025	01/22/20	Spectra Gases, Lot CC-250179			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Hexanone	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							Isopropylbenzene	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
							Xylenes, Total	3 ppm v/v

Method Summary

Client: SESI Consulting Engineers
Job ID: 200-49721-1
Project/Site: 500 Main St., New Rochelle, NY

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

CASE NARRATIVE

Client: SESI Consulting Engineers

Project: 500 Main St., New Rochelle, NY

Report Number: 200-49721-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 7/22/2019 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS (AMBIENT AIR)

Samples SV-1 (200-49721-1), SV-2 (200-49721-2), SV-3 (200-49721-3) and SV-4 (200-49721-4) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 07/24/2019 and 07/25/2019.

Samples SV-1 (200-49721-1)[10X], SV-2 (200-49721-2)[10X], SV-3 (200-49721-3)[10X] and SV-4 (200-49721-4)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 144428

Lab Sample ID: IC 200-144428/5 Client Sample ID:

Date Analyzed: 06/24/19 19:47 Lab File ID: 200-36487-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	5.19	Baseline	desjardin sb	06/25/19 08:41
3-Chloropropene	6.18	Baseline	desjardin sb	06/25/19 08:42
Methylene Chloride	6.41	Baseline	desjardin sb	06/25/19 08:42
Acrylonitrile	6.94	Baseline	desjardin sb	06/25/19 08:42
cis-1,2-Dichloroethene	8.59	Baseline	desjardin sb	06/25/19 08:42
Methyl Ethyl Ketone	8.64	Peak assignment corrected	desjardin sb	06/25/19 08:56
Chloroform	9.11	Baseline	desjardin sb	06/25/19 08:43
Cyclohexane	9.37	Baseline	desjardin sb	06/25/19 08:43
1,2-Dichloropropane	11.82	Baseline	desjardin sb	06/25/19 08:43
Dibromomethane	12.07	Baseline	desjardin sb	06/25/19 08:43
Bromodichloromethane	12.36	Baseline	desjardin sb	06/25/19 08:44
cis-1,3-Dichloropropene	13.28	Baseline	desjardin sb	06/25/19 08:44
Toluene	13.87	Baseline	desjardin sb	06/25/19 08:44
4-Ethyltoluene	19.91	Baseline	desjardin sb	06/25/19 08:44

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 144428

Lab Sample ID: IC 200-144428/6 Client Sample ID:

Date Analyzed: 06/24/19 20:38 Lab File ID: 200-36487-006.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Ethyl Ketone	8.62	Peak assignment corrected	desjardin sb	06/25/19 08:56
n-Heptane	10.41	Baseline	desjardin sb	06/25/19 08:46
Styrene	18.15	Baseline	desjardin sb	06/25/19 08:46
Cumene	18.87	Baseline	desjardin sb	06/25/19 08:47
Naphthalene	24.61	Baseline	desjardin sb	06/25/19 08:47

Lab Sample ID: IC 200-144428/7 Client Sample ID:

Date Analyzed: 06/24/19 21:29 Lab File ID: 200-36487-007.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Ethyl Ketone	8.62	Peak assignment corrected	desjardin sb	06/25/19 08:55
1,4-Dioxane	12.09	Peak assignment corrected	desjardin sb	06/25/19 08:48

Lab Sample ID: ICIS 200-144428/8 Client Sample ID:

Date Analyzed: 06/24/19 22:19 Lab File ID: 200-36487-008.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Ethyl Ketone	8.62	Peak assignment corrected	desjardin sb	06/25/19 08:52
1,4-Dioxane	12.09	Peak assignment corrected	desjardin sb	06/25/19 08:49

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 144428

Lab Sample ID: IC 200-144428/9 Client Sample ID:

Date Analyzed: 06/24/19 23:09 Lab File ID: 200-36487-009.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Ethyl Ketone	8.62	Peak assignment corrected	desjardin sb	06/25/19 08:57
1,4-Dioxane	12.09	Baseline	desjardin sb	06/25/19 09:01

Lab Sample ID: IC 200-144428/12 Client Sample ID:

Date Analyzed: 06/25/19 01:41 Lab File ID: 200-36487-012.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Ethyl Ketone	8.62	Peak assignment corrected	desjardin sb	06/25/19 08:57
1,4-Dioxane	12.09	Peak assignment corrected	desjardin sb	06/25/19 09:02

Lab Sample ID: IC 200-144428/13 Client Sample ID:

Date Analyzed: 06/25/19 02:32 Lab File ID: 200-36487-013.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Ethyl Ketone	8.63	Peak assignment corrected	desjardin sb	06/25/19 08:58
1,4-Dioxane	12.09	Baseline	desjardin sb	06/25/19 08:59

Lab Sample ID: ICV 200-144428/16 Client Sample ID:

Date Analyzed: 06/25/19 05:04 Lab File ID: 200-36487-016.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	12.09	Peak assignment corrected	desjardin sb	06/25/19 09:28

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: MB 200-145426/5 Client Sample ID:

Date Analyzed: 07/24/19 14:01 Lab File ID: 200-368922-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane		Invalid Compound ID	puangmalee k	07/25/19 11:24
1,1-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 11:22
1,2,4-Trimethylbenzene		Invalid Compound ID	puangmalee k	07/25/19 11:24
1,2-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 11:28
1,2-Dichlorotetrafluoroethane		Invalid Compound ID	puangmalee k	07/25/19 11:22
1,3,5-Trimethylbenzene		Invalid Compound ID	puangmalee k	07/25/19 11:24
1,3-Butadiene		Invalid Compound ID	puangmalee k	07/25/19 11:22
2-Chlorotoluene		Invalid Compound ID	puangmalee k	07/25/19 11:24
3-Chloropropene		Invalid Compound ID	puangmalee k	07/25/19 11:23
4-Ethyltoluene		Invalid Compound ID	puangmalee k	07/25/19 11:24
Acetone		Invalid Compound ID	puangmalee k	07/25/19 11:22
Benzene		Invalid Compound ID	puangmalee k	07/25/19 11:23
Bromoform		Invalid Compound ID	puangmalee k	07/25/19 11:24
Bromomethane		Invalid Compound ID	puangmalee k	07/25/19 11:22
Carbon disulfide		Invalid Compound ID	puangmalee k	07/25/19 11:23
Chlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 11:24
Chloromethane		Invalid Compound ID	puangmalee k	07/25/19 11:22

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: MB 200-145426/5 Client Sample ID:

Date Analyzed: 07/24/19 14:01 Lab File ID: 200-368922-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene		Invalid Compound ID	puangmalek	07/25/19 11:23
cis-1,3-Dichloropropene		Invalid Compound ID	puangmalek	07/25/19 11:23
Cyclohexane		Invalid Compound ID	puangmalek	07/25/19 11:23
Dibromochloromethane		Invalid Compound ID	puangmalek	07/25/19 11:23
Dichlorodifluoromethane		Invalid Compound ID	puangmalek	07/25/19 11:22
Ethanol		Invalid Compound ID	puangmalek	07/25/19 11:22
Ethylbenzene		Invalid Compound ID	puangmalek	07/25/19 11:24
Freon TF		Invalid Compound ID	puangmalek	07/25/19 11:22
Hexachlorobutadiene		Invalid Compound ID	puangmalek	07/25/19 11:28
Isopropyl alcohol		Invalid Compound ID	puangmalek	07/25/19 11:23
m,p-Xylene		Invalid Compound ID	puangmalek	07/25/19 11:24
methyl isobutyl ketone		Invalid Compound ID	puangmalek	07/25/19 11:23
Methyl tert-butyl ether		Invalid Compound ID	puangmalek	07/25/19 11:23
n-Heptane		Invalid Compound ID	puangmalek	07/25/19 11:23
Styrene		Invalid Compound ID	puangmalek	07/25/19 11:24
Tetrahydrofuran		Invalid Compound ID	puangmalek	07/25/19 11:23
Toluene		Invalid Compound ID	puangmalek	07/25/19 11:23

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: MB 200-145426/5 Client Sample ID:

Date Analyzed: 07/24/19 14:01 Lab File ID: 200-368922-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 11:23
trans-1,3-Dichloropropene		Invalid Compound ID	puangmalee k	07/25/19 11:23
Trichlorofluoromethane		Invalid Compound ID	puangmalee k	07/25/19 11:22
Vinyl chloride		Invalid Compound ID	puangmalee k	07/25/19 11:22
Naphthalene	24.59	Assign Peak	puangmalee k	07/25/19 11:28

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-1 Client Sample ID: SV-1

Date Analyzed: 07/24/19 21:57 Lab File ID: 200-368922-014.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	3.39	Assign Peak	puangmalee k	07/25/19 13:01
1,1,2,2-Tetrachloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:03
1,1,2-Trichloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:03
1,1-Dichloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:02
1,1-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:01
1,2,4-Trichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:04
1,2-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:04
1,2-Dichlorotetrafluoroethane		Invalid Compound ID	puangmalee k	07/25/19 13:01
1,3,5-Trimethylbenzene		Invalid Compound ID	puangmalee k	07/25/19 13:04
1,3-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:04
1,4-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:04
1,4-Dioxane		Invalid Compound ID	puangmalee k	07/25/19 13:03
2,2,4-Trimethylpentane		Invalid Compound ID	puangmalee k	07/25/19 13:02
2-Chlorotoluene		Invalid Compound ID	puangmalee k	07/25/19 13:03
3-Chloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:01
4-Ethyltoluene		Invalid Compound ID	puangmalee k	07/25/19 13:04
Bromodichloromethane		Invalid Compound ID	puangmalee k	07/25/19 13:03

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-1 Client Sample ID: SV-1

Date Analyzed: 07/24/19 21:57 Lab File ID: 200-368922-014.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromoethene(Vinyl Bromide)		Invalid Compound ID	puangmalee k	07/25/19 13:01
Bromomethane		Invalid Compound ID	puangmalee k	07/25/19 13:01
Chlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:03
Chloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:01
Chloroform		Invalid Compound ID	puangmalee k	07/25/19 13:02
cis-1,2-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:02
Dibromochloromethane		Invalid Compound ID	puangmalee k	07/25/19 13:03
Freon TF		Invalid Compound ID	puangmalee k	07/25/19 13:01
Methyl methacrylate		Invalid Compound ID	puangmalee k	07/25/19 13:03
Methyl tert-butyl ether		Invalid Compound ID	puangmalee k	07/25/19 13:02
Methylene Chloride		Invalid Compound ID	puangmalee k	07/25/19 13:01
tert-Butyl alcohol		Invalid Compound ID	puangmalee k	07/25/19 13:02
Tetrachloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:03
Tetrahydrofuran		Invalid Compound ID	puangmalee k	07/25/19 13:02
trans-1,3-Dichloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:03
Trichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:02
Trichlorofluoromethane		Invalid Compound ID	puangmalee k	07/25/19 13:01

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-1 Client Sample ID: SV-1

Date Analyzed: 07/24/19 21:57 Lab File ID: 200-368922-014.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
m,p-Xylene	17.24	Assign Peak	puangmalee k	07/25/19 13:03
Xylene, o-	18.07	Assign Peak	puangmalee k	07/25/19 13:03

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-2 Client Sample ID: SV-2

Date Analyzed: 07/24/19 22:49 Lab File ID: 200-368922-015.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	5.08	Assign Peak	puangmalee k	07/25/19 13:06
Methyl Ethyl Ketone	8.62	Assign Peak	puangmalee k	07/25/19 13:07
Cyclohexane	9.36	Assign Peak	puangmalee k	07/25/19 13:07
1,1,2,2-Tetrachloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:09
1,1-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:06
1,2,4-Trichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:09
1,2-Dibromoethane		Invalid Compound ID	puangmalee k	07/25/19 13:08
1,2-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:09
1,2-Dichlorotetrafluoroethane		Invalid Compound ID	puangmalee k	07/25/19 13:06
1,3,5-Trimethylbenzene		Invalid Compound ID	puangmalee k	07/25/19 13:09
1,3-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:09
1,4-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:09
1,4-Dioxane		Invalid Compound ID	puangmalee k	07/25/19 13:08
2-Chlorotoluene		Invalid Compound ID	puangmalee k	07/25/19 13:09
3-Chloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:07
4-Ethyltoluene		Invalid Compound ID	puangmalee k	07/25/19 13:09
Bromoethene(Vinyl Bromide)		Invalid Compound ID	puangmalee k	07/25/19 13:06

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-2 Client Sample ID: SV-2

Date Analyzed: 07/24/19 22:49 Lab File ID: 200-368922-015.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:06
Chloromethane		Invalid Compound ID	puangmalee k	07/25/19 13:06
cis-1,2-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:07
cis-1,3-Dichloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:08
Dichlorodifluoromethane		Invalid Compound ID	puangmalee k	07/25/19 13:06
Freon TF		Invalid Compound ID	puangmalee k	07/25/19 13:06
Hexachlorobutadiene		Invalid Compound ID	puangmalee k	07/25/19 13:09
Isopropyl alcohol		Invalid Compound ID	puangmalee k	07/25/19 13:07
Methyl methacrylate		Invalid Compound ID	puangmalee k	07/25/19 13:08
Methyl tert-butyl ether		Invalid Compound ID	puangmalee k	07/25/19 13:07
Methylene Chloride		Invalid Compound ID	puangmalee k	07/25/19 13:07
Naphthalene		Invalid Compound ID	puangmalee k	07/25/19 13:05
Styrene		Invalid Compound ID	puangmalee k	07/25/19 13:09
tert-Butyl alcohol		Invalid Compound ID	puangmalee k	07/25/19 13:07
Tetrahydrofuran		Invalid Compound ID	puangmalee k	07/25/19 13:07
trans-1,2-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:07
trans-1,3-Dichloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:08

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-2 Client Sample ID: SV-2

Date Analyzed: 07/24/19 22:49 Lab File ID: 200-368922-015.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Xylene, o-		Invalid Compound ID	puangmalee k	07/25/19 13:08
n-Heptane	10.37	Assign Peak	puangmalee k	07/25/19 13:08
Ethylbenzene	16.99	Assign Peak	puangmalee k	07/25/19 13:08
m,p-Xylene	17.25	Assign Peak	puangmalee k	07/25/19 13:08

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-3 Client Sample ID: SV-3

Date Analyzed: 07/24/19 23:42 Lab File ID: 200-368922-016.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	5.09	Assign Peak	puangmalee k	07/25/19 13:11
Chloroform	9.09	Assign Peak	puangmalee k	07/25/19 13:12
1,1,1-Trichloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:12
1,1,2,2-Tetrachloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:13
1,1-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:11
1,2,4-Trichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:13
1,2-Dibromoethane		Invalid Compound ID	puangmalee k	07/25/19 13:13
1,2-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:13
1,2-Dichlorotetrafluoroethane		Invalid Compound ID	puangmalee k	07/25/19 13:10
1,3,5-Trimethylbenzene		Invalid Compound ID	puangmalee k	07/25/19 13:13
1,3-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:13
1,4-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:13
2-Chlorotoluene		Invalid Compound ID	puangmalee k	07/25/19 13:13
3-Chloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:11
4-Ethyltoluene		Invalid Compound ID	puangmalee k	07/25/19 13:13
Bromodichloromethane		Invalid Compound ID	puangmalee k	07/25/19 13:12
Bromoethene(Vinyl Bromide)		Invalid Compound ID	puangmalee k	07/25/19 13:10

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-3 Client Sample ID: SV-3

Date Analyzed: 07/24/19 23:42 Lab File ID: 200-368922-016.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane		Invalid Compound ID	puangmalee k	07/25/19 13:10
Chloromethane		Invalid Compound ID	puangmalee k	07/25/19 13:10
cis-1,2-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:11
cis-1,3-Dichloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:12
Cyclohexane		Invalid Compound ID	puangmalee k	07/25/19 13:12
Freon TF		Invalid Compound ID	puangmalee k	07/25/19 13:11
Hexachlorobutadiene		Invalid Compound ID	puangmalee k	07/25/19 13:14
Methylene Chloride		Invalid Compound ID	puangmalee k	07/25/19 13:11
Naphthalene		Invalid Compound ID	puangmalee k	07/25/19 13:10
Styrene		Invalid Compound ID	puangmalee k	07/25/19 13:13
Tetrahydrofuran		Invalid Compound ID	puangmalee k	07/25/19 13:11
trans-1,3-Dichloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:12
n-Heptane	10.39	Assign Peak	puangmalee k	07/25/19 13:12
Toluene	13.85	Assign Peak	puangmalee k	07/25/19 13:12
Tetrachloroethene	14.93	Assign Peak	puangmalee k	07/25/19 13:12
Ethylbenzene	16.98	Assign Peak	puangmalee k	07/25/19 13:13
Xylene, o-	18.07	Assign Peak	puangmalee k	07/25/19 13:13

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-4 Client Sample ID: SV-4

Date Analyzed: 07/25/19 00:34 Lab File ID: 200-368922-017.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	9.35	Assign Peak	puangmalee k	07/25/19 13:16
1,1,2,2-Tetrachloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:17
1,1-Dichloroethane		Invalid Compound ID	puangmalee k	07/25/19 13:15
1,1-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:15
1,2,4-Trichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:18
1,2-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:18
1,2-Dichlorotetrafluoroethane		Invalid Compound ID	puangmalee k	07/25/19 13:15
1,3,5-Trimethylbenzene		Invalid Compound ID	puangmalee k	07/25/19 13:18
1,3-Butadiene		Invalid Compound ID	puangmalee k	07/25/19 13:15
1,3-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:18
1,4-Dichlorobenzene		Invalid Compound ID	puangmalee k	07/25/19 13:18
2-Chlorotoluene		Invalid Compound ID	puangmalee k	07/25/19 13:17
3-Chloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:15
4-Ethyltoluene		Invalid Compound ID	puangmalee k	07/25/19 13:18
Bromomethane		Invalid Compound ID	puangmalee k	07/25/19 13:15
Carbon tetrachloride		Invalid Compound ID	puangmalee k	07/25/19 13:16
cis-1,2-Dichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:16

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 145426

Lab Sample ID: 200-49721-4 Client Sample ID: SV-4

Date Analyzed: 07/25/19 00:34 Lab File ID: 200-368922-017.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Hexachlorobutadiene		Invalid Compound ID	puangmalee k	07/25/19 13:18
methyl isobutyl ketone		Invalid Compound ID	puangmalee k	07/25/19 13:17
Naphthalene		Invalid Compound ID	puangmalee k	07/25/19 13:14
Styrene		Invalid Compound ID	puangmalee k	07/25/19 13:17
Tetrachloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:17
Tetrahydrofuran		Invalid Compound ID	puangmalee k	07/25/19 13:16
trans-1,3-Dichloropropene		Invalid Compound ID	puangmalee k	07/25/19 13:17
Trichloroethene		Invalid Compound ID	puangmalee k	07/25/19 13:17
n-Heptane	10.38	Assign Peak	puangmalee k	07/25/19 13:16
Toluene	13.85	Assign Peak	puangmalee k	07/25/19 13:17
Ethylbenzene	16.97	Assign Peak	puangmalee k	07/25/19 13:17

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
Dichlorodifluoromethane	75-71-8	120.91	5.0	U	25			
1,2-Dichlorotetrafluoroethane	76-14-2	170.92	2.0	U	14			
Chloromethane	74-87-3	50.49	5.0	U	10			
Vinyl chloride	75-01-4	62.50	2.0	U	5			
1,3-Butadiene	106-99-0	54.09	61		140			
Bromomethane	74-83-9	94.94	2.0	U	8			
Chloroethane	75-00-3	64.52	5.0	U	13			
Bromoethene(Vinyl Bromide)	593-60-2	106.96	2.0	U	9			
Trichlorofluoromethane	75-69-4	137.37	2.0	U	11			
Freon TF	76-13-1	187.38	2.0	U	15			
1,1-Dichloroethene	75-35-4	96.94	2.0	U	8			
Acetone	67-64-1	58.08	50	U	120			
Carbon disulfide	75-15-0	76.14	5.0	U	16			
Ethanol	64-17-5	46.07	87		160			
3-Chloropropene	107-05-1	76.53	5.0	U	16			
Methylene Chloride	75-09-2	84.93	5.0	U	17			
tert-Butyl alcohol	75-65-0	74.12	50	U	150			
Isopropyl alcohol	67-63-0	60.10	50	U	120			
Methyl tert-butyl ether	1634-04-4	88.15	2.0	U	7			
trans-1,2-Dichloroethene	156-60-5	96.94	2.0	U	8			
n-Hexane	110-54-3	86.17	20		69			
1,1-Dichloroethane	75-34-3	98.96	2.0	U	8			
Methyl Ethyl Ketone	78-93-3	72.11	7.2		21			
cis-1,2-Dichloroethene	156-59-2	96.94	2.0	U	8			
Chloroform	67-66-3	119.38	2.0	U	10			
1,1,1-Trichloroethane	71-55-6	133.41	2.0	U	11			
Cyclohexane	110-82-7	84.16	2.0	U	7			
Carbon tetrachloride	56-23-5	153.81	2.0	U	13			
2,2,4-Trimethylpentane	540-84-1	114.23	2.0	U	9			
Benzene	71-43-2	78.11	3.9		12			
1,2-Dichloroethane	107-06-2	98.96	2.0	U	8			
n-Heptane	142-82-5	100.21	4.2		17			
Trichloroethene	79-01-6	131.39	2.0	U	11			
1,2-Dichloropropane	78-87-5	112.99	2.0	U	9			
Tetrahydrofuran	109-99-9	72.11	50	U	150			
Bromodichloromethane	75-27-4	163.83	2.0	U	13			
cis-1,3-Dichloropropene	10061-01-5	110.97	2.0	U	9			
methyl isobutyl ketone	108-10-1	100.16	5.0	U	20			
Toluene	108-88-3	92.14	4.4		17			
trans-1,3-Dichloropropene	10061-02-6	110.97	2.0	U	9			
1,1,2-Trichloroethane	79-00-5	133.41	2.0	U	11			
Tetrachloroethene	127-18-4	165.83	2.0	U	14			
Dibromochloromethane	124-48-1	208.29	2.0	U	17			
1,2-Dibromoethane	106-93-4	187.87	2.0	U	15			
Methyl methacrylate	80-62-6	100.12	5.0	U	20			
Chlorobenzene	108-90-7	112.56	2.0	U	9			
1,4-Dioxane	123-91-1	88.11	50	U	180			
Ethylbenzene	100-41-4	106.17	2.0	U	9			

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
m,p-Xylene	179601-23-1	106.17	5.0	U	22			
Xylene, o-	95-47-6	106.17	2.0	U	9			
Styrene	100-42-5	104.15	2.0	U	9			
Bromoform	75-25-2	252.75	2.0	U	21			
1,1,2,2-Tetrachloroethane	79-34-5	167.85	2.0	U	14			
4-Ethyltoluene	622-96-8	120.20	2.0	U	10			
1,3,5-Trimethylbenzene	108-67-8	120.20	2.0	U	10			
2-Chlorotoluene	95-49-8	126.59	2.0	U	10			
1,2,4-Trimethylbenzene	95-63-6	120.20	2.0	U	10			
1,3-Dichlorobenzene	541-73-1	147.00	2.0	U	12			
1,4-Dichlorobenzene	106-46-7	147.00	2.0	U	12			
1,2-Dichlorobenzene	95-50-1	147.00	2.0	U	12			
1,2,4-Trichlorobenzene	120-82-1	181.45	5.0	U	37			
Hexachlorobutadiene	87-68-3	260.76	2.0	U	21			
Naphthalene	91-20-3	128.17	5.0	U	26			
Tenatively Identified Compounds								
Unknown			19	J		2.98		
Allene	463-49-0		64	J N		3.23		
Unknown			57	J		3.31		
Unknown			12	J		3.67		
Unknown			47	J		3.81		
Unknown			12	J		3.87		
Unknown			19	J		4.17		
Butane, 2-methyl-	78-78-4		34	J N		4.34		
1-Pentene	109-67-1		57	J N		4.68		
Pentane	109-66-0		49	J N		4.76		
Cyclopropane, 1,2-dimethyl-, cis-	930-18-7		47	J N		4.81		
Unknown			37	J		5.17		
1,4-Pentadiene	591-93-5		15	J N		5.60		
1-Pentene, 3-methyl-	760-20-3		15	J N		6.13		
Unknown			10	J		6.38		
Unknown			12	J		6.68		
1-Pentene, 2-methyl-	763-29-1		37	J N		7.01		
Unknown			19	J		8.90		
Unknown			13	J		9.13		
Cyclotrisiloxane, hexamethyl-	541-05-9		29	J N		14.52		
Cyclohexane, 1,1,3-trimethyl-	3073-66-3		29	J N		15.57		
Unknown			35	J		19.41		
Unknown			13	J		21.69		
Unknown			23	J		22.27		

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
Dichlorodifluoromethane	75-71-8	120.91	5.0	U	25			
1,2-Dichlorotetrafluoroethane	76-14-2	170.92	2.0	U	14			
Chloromethane	74-87-3	50.49	5.0	U	10			
Vinyl chloride	75-01-4	62.50	2.0	U	5			
1,3-Butadiene	106-99-0	54.09	5.4		12			
Bromomethane	74-83-9	94.94	2.0	U	8			
Chloroethane	75-00-3	64.52	5.0	U	13			
Bromoethene(Vinyl Bromide)	593-60-2	106.96	2.0	U	9			
Trichlorofluoromethane	75-69-4	137.37	2.0	U	11			
Freon TF	76-13-1	187.38	2.0	U	15			
1,1-Dichloroethene	75-35-4	96.94	2.0	U	8			
Acetone	67-64-1	58.08	50	U	120			
Carbon disulfide	75-15-0	76.14	5.0	U	16			
Ethanol	64-17-5	46.07	50		94			
3-Chloropropene	107-05-1	76.53	5.0	U	16			
Methylene Chloride	75-09-2	84.93	5.0	U	17			
tert-Butyl alcohol	75-65-0	74.12	50	U	150			
Isopropyl alcohol	67-63-0	60.10	50	U	120			
Methyl tert-butyl ether	1634-04-4	88.15	2.0	U	7			
trans-1,2-Dichloroethene	156-60-5	96.94	2.0	U	8			
n-Hexane	110-54-3	86.17	5.4		19			
1,1-Dichloroethane	75-34-3	98.96	2.0	U	8			
Methyl Ethyl Ketone	78-93-3	72.11	5.0	U	15			
cis-1,2-Dichloroethene	156-59-2	96.94	2.0	U	8			
Chloroform	67-66-3	119.38	2.0	U	10			
1,1,1-Trichloroethane	71-55-6	133.41	2.0	U	11			
Cyclohexane	110-82-7	84.16	2.0	U	7			
Carbon tetrachloride	56-23-5	153.81	2.0	U	13			
2,2,4-Trimethylpentane	540-84-1	114.23	2.0	U	9			
Benzene	71-43-2	78.11	2.0	U	6			
1,2-Dichloroethane	107-06-2	98.96	2.0	U	8			
n-Heptane	142-82-5	100.21	2.7		11			
Trichloroethene	79-01-6	131.39	2.0	U	11			
1,2-Dichloropropane	78-87-5	112.99	2.0	U	9			
Tetrahydrofuran	109-99-9	72.11	50	U	150			
Bromodichloromethane	75-27-4	163.83	2.0	U	13			
cis-1,3-Dichloropropene	10061-01-5	110.97	2.0	U	9			
methyl isobutyl ketone	108-10-1	100.16	5.0	U	20			
Toluene	108-88-3	92.14	3.3		12			
trans-1,3-Dichloropropene	10061-02-6	110.97	2.0	U	9			
1,1,2-Trichloroethane	79-00-5	133.41	2.0	U	11			
Tetrachloroethene	127-18-4	165.83	2.0	U	14			
Dibromochloromethane	124-48-1	208.29	2.0	U	17			
1,2-Dibromoethane	106-93-4	187.87	2.0	U	15			
Methyl methacrylate	80-62-6	100.12	5.0	U	20			
Chlorobenzene	108-90-7	112.56	2.0	U	9			
1,4-Dioxane	123-91-1	88.11	50	U	180			
Ethylbenzene	100-41-4	106.17	2.0	U	9			

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
m,p-Xylene	179601-23-1	106.17	5.0	U	22			
Xylene, o-	95-47-6	106.17	2.0	U	9			
Styrene	100-42-5	104.15	2.0	U	9			
Bromoform	75-25-2	252.75	2.0	U	21			
1,1,2,2-Tetrachloroethane	79-34-5	167.85	2.0	U	14			
4-Ethyltoluene	622-96-8	120.20	2.0	U	10			
1,3,5-Trimethylbenzene	108-67-8	120.20	2.0	U	10			
2-Chlorotoluene	95-49-8	126.59	2.0	U	10			
1,2,4-Trimethylbenzene	95-63-6	120.20	2.0	U	10			
1,3-Dichlorobenzene	541-73-1	147.00	2.0	U	12			
1,4-Dichlorobenzene	106-46-7	147.00	2.0	U	12			
1,2-Dichlorobenzene	95-50-1	147.00	2.0	U	12			
1,2,4-Trichlorobenzene	120-82-1	181.45	5.0	U	37			
Hexachlorobutadiene	87-68-3	260.76	2.0	U	21			
Naphthalene	91-20-3	128.17	5.0	U	26			
Tenatively Identified Compounds								
Unknown			1300	J		2.98		
Unknown			130	J		3.04		
Unknown			59	J		3.10		
Unknown			68	J		3.20		
Unknown			23	J		3.31		
1-Propene, 2-methyl-	115-11-7		48	J N		3.52		
Unknown			10	J		19.40		
Unknown			15	J		22.27		

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
Dichlorodifluoromethane	75-71-8	120.91	5.0	U	25			
1,2-Dichlorotetrafluoroethane	76-14-2	170.92	2.0	U	14			
Chloromethane	74-87-3	50.49	5.0	U	10			
Vinyl chloride	75-01-4	62.50	2.0	U	5			
1,3-Butadiene	106-99-0	54.09	3.3		7			
Bromomethane	74-83-9	94.94	2.0	U	8			
Chloroethane	75-00-3	64.52	5.0	U	13			
Bromoethene(Vinyl Bromide)	593-60-2	106.96	2.0	U	9			
Trichlorofluoromethane	75-69-4	137.37	2.0	U	11			
Freon TF	76-13-1	187.38	2.0	U	15			
1,1-Dichloroethene	75-35-4	96.94	2.0	U	8			
Acetone	67-64-1	58.08	50	U	120			
Carbon disulfide	75-15-0	76.14	5.0	U	16			
Ethanol	64-17-5	46.07	50	U	94			
3-Chloropropene	107-05-1	76.53	5.0	U	16			
Methylene Chloride	75-09-2	84.93	5.0	U	17			
tert-Butyl alcohol	75-65-0	74.12	50	U	150			
Isopropyl alcohol	67-63-0	60.10	50	U	120			
Methyl tert-butyl ether	1634-04-4	88.15	2.0	U	7			
trans-1,2-Dichloroethene	156-60-5	96.94	2.0	U	8			
n-Hexane	110-54-3	86.17	2.0	U	7			
1,1-Dichloroethane	75-34-3	98.96	2.0	U	8			
Methyl Ethyl Ketone	78-93-3	72.11	5.0	U	15			
cis-1,2-Dichloroethene	156-59-2	96.94	2.0	U	8			
Chloroform	67-66-3	119.38	4.4		21			
1,1,1-Trichloroethane	71-55-6	133.41	2.0	U	11			
Cyclohexane	110-82-7	84.16	2.0	U	7			
Carbon tetrachloride	56-23-5	153.81	2.0	U	13			
2,2,4-Trimethylpentane	540-84-1	114.23	2.0	U	9			
Benzene	71-43-2	78.11	2.0	U	6			
1,2-Dichloroethane	107-06-2	98.96	2.0	U	8			
n-Heptane	142-82-5	100.21	2.0	U	8			
Trichloroethene	79-01-6	131.39	2.0	U	11			
1,2-Dichloropropane	78-87-5	112.99	2.0	U	9			
Tetrahydrofuran	109-99-9	72.11	50	U	150			
Bromodichloromethane	75-27-4	163.83	2.0	U	13			
cis-1,3-Dichloropropene	10061-01-5	110.97	2.0	U	9			
methyl isobutyl ketone	108-10-1	100.16	5.0	U	20			
Toluene	108-88-3	92.14	2.4		9			
trans-1,3-Dichloropropene	10061-02-6	110.97	2.0	U	9			
1,1,2-Trichloroethane	79-00-5	133.41	2.0	U	11			
Tetrachloroethene	127-18-4	165.83	2.0	U	14			
Dibromochloromethane	124-48-1	208.29	2.0	U	17			
1,2-Dibromoethane	106-93-4	187.87	2.0	U	15			
Methyl methacrylate	80-62-6	100.12	5.0	U	20			
Chlorobenzene	108-90-7	112.56	2.0	U	9			
1,4-Dioxane	123-91-1	88.11	50	U	180			
Ethylbenzene	100-41-4	106.17	2.0	U	9			

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
m,p-Xylene	179601-23-1	106.17	5.0	U	22			
Xylene, o-	95-47-6	106.17	2.0	U	9			
Styrene	100-42-5	104.15	2.0	U	9			
Bromoform	75-25-2	252.75	2.0	U	21			
1,1,2,2-Tetrachloroethane	79-34-5	167.85	2.0	U	14			
4-Ethyltoluene	622-96-8	120.20	2.0	U	10			
1,3,5-Trimethylbenzene	108-67-8	120.20	2.0	U	10			
2-Chlorotoluene	95-49-8	126.59	2.0	U	10			
1,2,4-Trimethylbenzene	95-63-6	120.20	2.0	U	10			
1,3-Dichlorobenzene	541-73-1	147.00	2.0	U	12			
1,4-Dichlorobenzene	106-46-7	147.00	2.0	U	12			
1,2-Dichlorobenzene	95-50-1	147.00	2.0	U	12			
1,2,4-Trichlorobenzene	120-82-1	181.45	5.0	U	37			
Hexachlorobutadiene	87-68-3	260.76	2.0	U	21			
Naphthalene	91-20-3	128.17	5.0	U	26			
Tenatively Identified Compounds								
Unknown			120	J		2.98		
Cyclotrisiloxane, hexamethyl-	541-05-9		23	J N		14.52		
Unknown			23	J		19.40		

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
Dichlorodifluoromethane	75-71-8	120.91	5.0	U	25			
1,2-Dichlorotetrafluoroethane	76-14-2	170.92	2.0	U	14			
Chloromethane	74-87-3	50.49	5.0	U	10			
Vinyl chloride	75-01-4	62.50	2.0	U	5			
1,3-Butadiene	106-99-0	54.09	2.0	U	4			
Bromomethane	74-83-9	94.94	2.0	U	8			
Chloroethane	75-00-3	64.52	5.0	U	13			
Bromoethene(Vinyl Bromide)	593-60-2	106.96	2.0	U	9			
Trichlorofluoromethane	75-69-4	137.37	2.0	U	11			
Freon TF	76-13-1	187.38	2.0	U	15			
1,1-Dichloroethene	75-35-4	96.94	2.0	U	8			
Acetone	67-64-1	58.08	50	U	120			
Carbon disulfide	75-15-0	76.14	5.0	U	16			
Ethanol	64-17-5	46.07	69		130			
3-Chloropropene	107-05-1	76.53	5.0	U	16			
Methylene Chloride	75-09-2	84.93	5.0	U	17			
tert-Butyl alcohol	75-65-0	74.12	50	U	150			
Isopropyl alcohol	67-63-0	60.10	50	U	120			
Methyl tert-butyl ether	1634-04-4	88.15	2.0	U	7			
trans-1,2-Dichloroethene	156-60-5	96.94	2.0	U	8			
n-Hexane	110-54-3	86.17	2.0	U	7			
1,1-Dichloroethane	75-34-3	98.96	2.0	U	8			
Methyl Ethyl Ketone	78-93-3	72.11	5.0	U	15			
cis-1,2-Dichloroethene	156-59-2	96.94	2.0	U	8			
Chloroform	67-66-3	119.38	2.0	U	10			
1,1,1-Trichloroethane	71-55-6	133.41	2.0	U	11			
Cyclohexane	110-82-7	84.16	2.0	U	7			
Carbon tetrachloride	56-23-5	153.81	2.0	U	13			
2,2,4-Trimethylpentane	540-84-1	114.23	2.0	U	9			
Benzene	71-43-2	78.11	2.0	U	6			
1,2-Dichloroethane	107-06-2	98.96	2.0	U	8			
n-Heptane	142-82-5	100.21	2.0	U	8			
Trichloroethene	79-01-6	131.39	2.0	U	11			
1,2-Dichloropropane	78-87-5	112.99	2.0	U	9			
Tetrahydrofuran	109-99-9	72.11	50	U	150			
Bromodichloromethane	75-27-4	163.83	2.0	U	13			
cis-1,3-Dichloropropene	10061-01-5	110.97	2.0	U	9			
methyl isobutyl ketone	108-10-1	100.16	5.0	U	20			
Toluene	108-88-3	92.14	2.0	U	8			
trans-1,3-Dichloropropene	10061-02-6	110.97	2.0	U	9			
1,1,2-Trichloroethane	79-00-5	133.41	2.0	U	11			
Tetrachloroethene	127-18-4	165.83	2.0	U	14			
Dibromochloromethane	124-48-1	208.29	2.0	U	17			
1,2-Dibromoethane	106-93-4	187.87	2.0	U	15			
Methyl methacrylate	80-62-6	100.12	5.0	U	20			
Chlorobenzene	108-90-7	112.56	2.0	U	9			
1,4-Dioxane	123-91-1	88.11	50	U	180			
Ethylbenzene	100-41-4	106.17	2.0	U	9			

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
m,p-Xylene	179601-23-1	106.17	5.0	U	22			
Xylene, o-	95-47-6	106.17	2.0	U	9			
Styrene	100-42-5	104.15	2.0	U	9			
Bromoform	75-25-2	252.75	2.0	U	21			
1,1,2,2-Tetrachloroethane	79-34-5	167.85	2.0	U	14			
4-Ethyltoluene	622-96-8	120.20	2.0	U	10			
1,3,5-Trimethylbenzene	108-67-8	120.20	2.0	U	10			
2-Chlorotoluene	95-49-8	126.59	2.0	U	10			
1,2,4-Trimethylbenzene	95-63-6	120.20	2.0	U	10			
1,3-Dichlorobenzene	541-73-1	147.00	2.0	U	12			
1,4-Dichlorobenzene	106-46-7	147.00	2.0	U	12			
1,2-Dichlorobenzene	95-50-1	147.00	2.0	U	12			
1,2,4-Trichlorobenzene	120-82-1	181.45	5.0	U	37			
Hexachlorobutadiene	87-68-3	260.76	2.0	U	21			
Naphthalene	91-20-3	128.17	5.0	U	26			
Tenatively Identified Compounds								
Unknown			23	J		2.99		
Cyclotrisiloxane, hexamethyl-	541-05-9		19	J N		14.52		
Unknown			12	J		22.27		

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
Dichlorodifluoromethane	75-71-8	120.91	0.50	U	2			
1,2-Dichlorotetrafluoroethane	76-14-2	170.92	0.20	U	1			
Chloromethane	74-87-3	50.49	0.50	U	1			
Vinyl chloride	75-01-4	62.50	0.20	U	0.5			
1,3-Butadiene	106-99-0	54.09	0.20	U	0.4			
Bromomethane	74-83-9	94.94	0.20	U	0.8			
Chloroethane	75-00-3	64.52	0.50	U	1			
Bromoethene(Vinyl Bromide)	593-60-2	106.96	0.20	U	0.9			
Trichlorofluoromethane	75-69-4	137.37	0.20	U	1			
Freon TF	76-13-1	187.38	0.20	U	2			
1,1-Dichloroethene	75-35-4	96.94	0.20	U	0.8			
Acetone	67-64-1	58.08	5.0	U	12			
Carbon disulfide	75-15-0	76.14	0.50	U	2			
Ethanol	64-17-5	46.07	5.0	U	9			
3-Chloropropene	107-05-1	76.53	0.50	U	2			
Methylene Chloride	75-09-2	84.93	0.50	U	2			
tert-Butyl alcohol	75-65-0	74.12	5.0	U	15			
Isopropyl alcohol	67-63-0	60.10	5.0	U	12			
Methyl tert-butyl ether	1634-04-4	88.15	0.20	U	0.7			
trans-1,2-Dichloroethene	156-60-5	96.94	0.20	U	0.8			
n-Hexane	110-54-3	86.17	0.20	U	0.7			
1,1-Dichloroethane	75-34-3	98.96	0.20	U	0.8			
Methyl Ethyl Ketone	78-93-3	72.11	0.50	U	1			
cis-1,2-Dichloroethene	156-59-2	96.94	0.20	U	0.8			
Chloroform	67-66-3	119.38	0.20	U	1			
1,1,1-Trichloroethane	71-55-6	133.41	0.20	U	1			
Cyclohexane	110-82-7	84.16	0.20	U	0.7			
Carbon tetrachloride	56-23-5	153.81	0.20	U	1			
2,2,4-Trimethylpentane	540-84-1	114.23	0.20	U	0.9			
Benzene	71-43-2	78.11	0.20	U	0.6			
1,2-Dichloroethane	107-06-2	98.96	0.20	U	0.8			
n-Heptane	142-82-5	100.21	0.20	U	0.8			
Trichloroethene	79-01-6	131.39	0.20	U	1			
1,2-Dichloropropane	78-87-5	112.99	0.20	U	0.9			
Tetrahydrofuran	109-99-9	72.11	5.0	U	15			
Bromodichloromethane	75-27-4	163.83	0.20	U	1			
cis-1,3-Dichloropropene	10061-01-5	110.97	0.20	U	0.9			
methyl isobutyl ketone	108-10-1	100.16	0.50	U	2			
Toluene	108-88-3	92.14	0.20	U	0.8			
trans-1,3-Dichloropropene	10061-02-6	110.97	0.20	U	0.9			
1,1,2-Trichloroethane	79-00-5	133.41	0.20	U	1			
Tetrachloroethene	127-18-4	165.83	0.20	U	1			
Dibromochloromethane	124-48-1	208.29	0.20	U	2			
1,2-Dibromoethane	106-93-4	187.87	0.20	U	2			
Methyl methacrylate	80-62-6	100.12	0.50	U	2			
Chlorobenzene	108-90-7	112.56	0.20	U	0.9			
1,4-Dioxane	123-91-1	88.11	5.0	U	18			
Ethylbenzene	100-41-4	106.17	0.20	U	0.9			

TARGET/NON TARGET ANALYTES - AIR RESULTS

Chemical	CAS Number	Molecular Weight	Lab Results	Q	Corrected Results	Retention Time NT Only	QAS Decision	Foot-notes
TO-15			*ppb v/v*		*ug/m3*			
m,p-Xylene	179601-23-1	106.17	0.50	U	2			
Xylene, o-	95-47-6	106.17	0.20	U	0.9			
Styrene	100-42-5	104.15	0.20	U	0.9			
Bromoform	75-25-2	252.75	0.20	U	2			
1,1,2,2-Tetrachloroethane	79-34-5	167.85	0.20	U	1			
4-Ethyltoluene	622-96-8	120.20	0.20	U	1			
1,3,5-Trimethylbenzene	108-67-8	120.20	0.20	U	1			
2-Chlorotoluene	95-49-8	126.59	0.20	U	1			
1,2,4-Trimethylbenzene	95-63-6	120.20	0.20	U	1			
1,3-Dichlorobenzene	541-73-1	147.00	0.20	U	1			
1,4-Dichlorobenzene	106-46-7	147.00	0.20	U	1			
1,2-Dichlorobenzene	95-50-1	147.00	0.20	U	1			
1,2,4-Trichlorobenzene	120-82-1	181.45	0.50	U	4			
Hexachlorobutadiene	87-68-3	260.76	0.20	U	2			
Naphthalene	91-20-3	128.17	0.50	U	3			

Tenatively Identified Compounds

Tentatively Identified Compound			None					

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Air - GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 200-368922-003.D

Lab ID: LCS 200-145426/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.5	106	61-142	
1,2-Dichlorotetrafluoroethane	10.0	10.1	101	71-141	
Chloromethane	10.0	11.1	111	56-141	
Vinyl chloride	10.0	10.0	100	61-135	
1,3-Butadiene	10.0	9.76	98	58-139	
Bromomethane	10.0	9.04	90	72-124	
Chloroethane	10.0	9.26	93	68-130	
Bromoethene(Vinyl Bromide)	10.0	8.65	87	75-125	
Trichlorofluoromethane	10.0	8.88	89	70-129	
Freon TF	10.0	9.02	90	70-121	
1,1-Dichloroethene	10.0	9.09	91	68-120	
Acetone	10.0	9.53	95	54-154	
Carbon disulfide	10.0	9.98	100	71-138	
Ethanol	15.0	14.8	99	50-150	
3-Chloropropene	10.0	7.68	77	50-150	
Methylene Chloride	10.0	9.55	96	59-137	
tert-Butyl alcohol	10.0	10.5	105	66-132	
Isopropyl alcohol	10.0	11.4	114	53-142	
Methyl tert-butyl ether	10.0	9.12	91	70-127	
trans-1,2-Dichloroethene	10.0	9.80	98	69-137	
n-Hexane	10.0	9.39	94	63-138	
1,1-Dichloroethane	10.0	9.60	96	66-130	
Methyl Ethyl Ketone	10.0	9.24	92	72-124	
cis-1,2-Dichloroethene	10.0	9.29	93	72-121	
Chloroform	10.0	9.31	93	73-124	
1,1,1-Trichloroethane	10.0	9.42	94	72-127	
Cyclohexane	10.0	9.02	90	76-124	
Carbon tetrachloride	10.0	9.44	94	71-133	
2,2,4-Trimethylpentane	10.0	9.55	96	68-131	
Benzene	10.0	8.12	81	73-119	
1,2-Dichloroethane	10.0	8.11	81	68-135	
n-Heptane	10.0	9.91	99	60-142	
Trichloroethene	10.0	9.40	94	73-122	
1,2-Dichloropropane	10.0	8.51	85	69-128	
Tetrahydrofuran	10.0	9.94	99	60-149	
Bromodichloromethane	10.0	9.40	94	75-127	
cis-1,3-Dichloropropene	10.0	8.57	86	74-125	
methyl isobutyl ketone	10.0	10.7	107	58-144	
Toluene	10.0	8.71	87	75-122	
trans-1,3-Dichloropropene	10.0	8.37	84	74-128	
1,1,2-Trichloroethane	10.0	8.92	89	75-126	
Tetrachloroethene	10.0	9.16	92	70-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 200-368922-003.D

Lab ID: LCS 200-145426/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dibromochloromethane	10.0	8.79	88	73-125	
1,2-Dibromoethane	10.0	8.90	89	78-122	
Methyl methacrylate	10.0	9.86	99	73-129	
Chlorobenzene	10.0	8.73	87	76-119	
1,4-Dioxane	10.0	12.6	126	66-129	
Ethylbenzene	10.0	8.93	89	74-122	
m,p-Xylene	20.0	18.2	91	76-121	
Xylene, o-	10.0	9.18	92	73-123	
Styrene	10.0	9.23	92	74-125	
Bromoform	10.0	8.53	85	53-149	
1,1,2,2-Tetrachloroethane	10.0	9.32	93	74-126	
4-Ethyltoluene	10.0	9.29	93	75-129	
1,3,5-Trimethylbenzene	10.0	9.18	92	72-126	
2-Chlorotoluene	10.0	9.15	92	74-126	
1,2,4-Trimethylbenzene	10.0	9.47	95	71-129	
1,3-Dichlorobenzene	10.0	9.14	91	69-131	
1,4-Dichlorobenzene	10.0	8.97	90	67-132	
1,2-Dichlorobenzene	10.0	9.03	90	68-129	
1,2,4-Trichlorobenzene	10.0	10.4	104	50-150	
Hexachlorobutadiene	10.0	9.09	91	58-130	
Naphthalene	10.0	11.4	114	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Lab File ID: 200-368922-005.D Lab Sample ID: MB 200-145426/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHG.i Date Analyzed: 07/24/2019 14:01

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-145426/3	200-368922-003.D	07/24/2019 12:16
SV-1	200-49721-1	200-368922-014.D	07/24/2019 21:57
SV-2	200-49721-2	200-368922-015.D	07/24/2019 22:49
SV-3	200-49721-3	200-368922-016.D	07/24/2019 23:42
SV-4	200-49721-4	200-368922-017.D	07/25/2019 00:34

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Lab File ID: 200-36487-001.D BFB Injection Date: 06/24/2019

Instrument ID: CHG.i BFB Injection Time: 16:32

Analysis Batch No.: 144428

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.2	
75	30.0 - 66.0% of mass 95	42.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.5	(0.6) 1
174	50.0 - 120.0% of mass 95	86.2	
175	4.0 - 9.0 % of mass 174	5.8	(6.7) 1
176	93.0 - 101.0% of mass 174	83.6	(96.9) 1
177	5.0 - 9.0% of mass 176	5.4	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-144428/4	200-36487-004.D	06/24/2019	18:57
	IC 200-144428/5	200-36487-005.D	06/24/2019	19:47
	IC 200-144428/6	200-36487-006.D	06/24/2019	20:38
	IC 200-144428/7	200-36487-007.D	06/24/2019	21:29
	ICIS 200-144428/8	200-36487-008.D	06/24/2019	22:19
	IC 200-144428/9	200-36487-009.D	06/24/2019	23:09
	IC 200-144428/12	200-36487-012.D	06/25/2019	01:41
	IC 200-144428/13	200-36487-013.D	06/25/2019	02:32
	ICV 200-144428/16	200-36487-016.D	06/25/2019	05:04

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Lab File ID: 200-36922-001.D BFB Injection Date: 07/24/2019

Instrument ID: CHG.i BFB Injection Time: 10:25

Analysis Batch No.: 145426

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.8	
75	30.0 - 66.0% of mass 95	45.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.6	(0.7) 1
174	50.0 - 120.0% of mass 95	82.3	
175	4.0 - 9.0 % of mass 174	5.6	(6.8) 1
176	93.0 - 101.0% of mass 174	80.1	(97.3) 1
177	5.0 - 9.0% of mass 176	5.4	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-145426/2	200-368922-002.D	07/24/2019	11:24
	LCS 200-145426/3	200-368922-003.D	07/24/2019	12:16
	MB 200-145426/5	200-368922-005.D	07/24/2019	14:01
SV-1	200-49721-1	200-368922-014.D	07/24/2019	21:57
SV-2	200-49721-2	200-368922-015.D	07/24/2019	22:49
SV-3	200-49721-3	200-368922-016.D	07/24/2019	23:42
SV-4	200-49721-4	200-368922-017.D	07/25/2019	00:34

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Sample No.: ICIS 200-144428/8 Date Analyzed: 06/24/2019 22:19

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 200-36487-008.D Heated Purge: (Y/N) N

Calibration ID: 41994

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		239416	8.99	1266478	10.84	1182769	16.77
UPPER LIMIT		335182	9.32	1773069	11.17	1655877	17.10
LOWER LIMIT		143650	8.66	759887	10.51	709661	16.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-144428/16		254759	8.99	1195181	10.84	1178109	16.77

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Sample No.: CCVIS 200-145426/2 Date Analyzed: 07/24/2019 11:24

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 200-368922-002.D Heated Purge: (Y/N) N

Calibration ID: 41994

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		254245	8.97	1329343	10.82	1114476	16.75
UPPER LIMIT		355943	9.30	1861080	11.15	1560266	17.08
LOWER LIMIT		152547	8.64	797606	10.49	668686	16.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-145426/3		232891	8.97	1111046	10.81	1069130	16.75
MB 200-145426/5		268232	8.97	1487965	10.81	1324507	16.74
200-49721-1	SV-1	198091	8.97	1033006	10.81	1030452	16.75
200-49721-2	SV-2	240969	8.97	1278549	10.82	1110469	16.75
200-49721-3	SV-3	227384	8.97	1118526	10.82	994669	16.74
200-49721-4	SV-4	248825	8.97	1335634	10.81	1205675	16.74

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-1 Lab Sample ID: 200-49721-1

Matrix: Air Lab File ID: 200-368922-014.D

Analysis Method: TO-15 Date Collected: 07/19/2019 09:35

Sample wt/vol: 20(mL) Date Analyzed: 07/24/2019 21:57

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	
76-14-2	1,2-Dichlorotetrafluoroethane	2.0	U	2.0	
74-87-3	Chloromethane	5.0	U	5.0	
75-01-4	Vinyl chloride	2.0	U	2.0	
106-99-0	1,3-Butadiene	61		2.0	
74-83-9	Bromomethane	2.0	U	2.0	
75-00-3	Chloroethane	5.0	U	5.0	
593-60-2	Bromoethene(Vinyl Bromide)	2.0	U	2.0	
75-69-4	Trichlorofluoromethane	2.0	U	2.0	
76-13-1	Freon TF	2.0	U	2.0	
75-35-4	1,1-Dichloroethene	2.0	U	2.0	
67-64-1	Acetone	50	U	50	
75-15-0	Carbon disulfide	5.0	U	5.0	
64-17-5	Ethanol	87		50	
107-05-1	3-Chloropropene	5.0	U	5.0	
75-09-2	Methylene Chloride	5.0	U	5.0	
75-65-0	tert-Butyl alcohol	50	U	50	
67-63-0	Isopropyl alcohol	50	U	50	
1634-04-4	Methyl tert-butyl ether	2.0	U	2.0	
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	
110-54-3	n-Hexane	20		2.0	
75-34-3	1,1-Dichloroethane	2.0	U	2.0	
78-93-3	Methyl Ethyl Ketone	7.2		5.0	
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	
67-66-3	Chloroform	2.0	U	2.0	
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	
110-82-7	Cyclohexane	2.0	U	2.0	
56-23-5	Carbon tetrachloride	2.0	U	2.0	
540-84-1	2,2,4-Trimethylpentane	2.0	U	2.0	
71-43-2	Benzene	3.9		2.0	
107-06-2	1,2-Dichloroethane	2.0	U	2.0	
142-82-5	n-Heptane	4.2		2.0	
79-01-6	Trichloroethene	2.0	U	2.0	
78-87-5	1,2-Dichloropropane	2.0	U	2.0	
109-99-9	Tetrahydrofuran	50	U	50	
75-27-4	Bromodichloromethane	2.0	U	2.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-1 Lab Sample ID: 200-49721-1

Matrix: Air Lab File ID: 200-368922-014.D

Analysis Method: TO-15 Date Collected: 07/19/2019 09:35

Sample wt/vol: 20(mL) Date Analyzed: 07/24/2019 21:57

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	
108-10-1	methyl isobutyl ketone	5.0	U	5.0	
108-88-3	Toluene	4.4		2.0	
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	
127-18-4	Tetrachloroethene	2.0	U	2.0	
124-48-1	Dibromochloromethane	2.0	U	2.0	
106-93-4	1,2-Dibromoethane	2.0	U	2.0	
80-62-6	Methyl methacrylate	5.0	U	5.0	
108-90-7	Chlorobenzene	2.0	U	2.0	
123-91-1	1,4-Dioxane	50	U	50	
100-41-4	Ethylbenzene	2.0	U	2.0	
179601-23-1	m,p-Xylene	5.0	U	5.0	
95-47-6	Xylene, o-	2.0	U	2.0	
100-42-5	Styrene	2.0	U	2.0	
75-25-2	Bromoform	2.0	U	2.0	
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	
622-96-8	4-Ethyltoluene	2.0	U	2.0	
108-67-8	1,3,5-Trimethylbenzene	2.0	U	2.0	
95-49-8	2-Chlorotoluene	2.0	U	2.0	
95-63-6	1,2,4-Trimethylbenzene	2.0	U	2.0	
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
87-68-3	Hexachlorobutadiene	2.0	U	2.0	
91-20-3	Naphthalene	5.0	U	5.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-1 Lab Sample ID: 200-49721-1

Matrix: Air Lab File ID: 200-368922-014.D

Analysis Method: TO-15 Date Collected: 07/19/2019 09:35

Sample wt/vol: 20(mL) Date Analyzed: 07/24/2019 21:57

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

Number TICs Found: 24 TIC Result Total: 704

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.98	19	J	
463-49-0	Allene	3.23	64	J N	90%
	Unknown	3.31	57	J	
	Unknown	3.67	12	J	
	Unknown	3.81	47	J	
	Unknown	3.87	12	J	
	Unknown	4.17	19	J	
78-78-4	Butane, 2-methyl-	4.34	34	J N	91%
109-67-1	1-Pentene	4.68	57	J N	91%
109-66-0	Pentane	4.76	49	J N	90%
930-18-7	Cyclopropane, 1,2-dimethyl-, cis-	4.81	47	J N	91%
	Unknown	5.17	37	J	
591-93-5	1,4-Pentadiene	5.60	15	J N	91%
760-20-3	1-Pentene, 3-methyl-	6.13	15	J N	87%
	Unknown	6.38	10	J	
	Unknown	6.68	12	J	
763-29-1	1-Pentene, 2-methyl-	7.01	37	J N	90%
	Unknown	8.90	19	J	
	Unknown	9.13	13	J	
541-05-9	Cyclotrisiloxane, hexamethyl-	14.52	29	J N	90%
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	15.57	29	J N	91%
	Unknown	19.41	35	J	
	Unknown	21.69	13	J	
	Unknown	22.27	23	J	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-2 Lab Sample ID: 200-49721-2

Matrix: Air Lab File ID: 200-368922-015.D

Analysis Method: TO-15 Date Collected: 07/19/2019 10:15

Sample wt/vol: 20(mL) Date Analyzed: 07/24/2019 22:49

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	
76-14-2	1,2-Dichlorotetrafluoroethane	2.0	U	2.0	
74-87-3	Chloromethane	5.0	U	5.0	
75-01-4	Vinyl chloride	2.0	U	2.0	
106-99-0	1,3-Butadiene	5.4		2.0	
74-83-9	Bromomethane	2.0	U	2.0	
75-00-3	Chloroethane	5.0	U	5.0	
593-60-2	Bromoethene(Vinyl Bromide)	2.0	U	2.0	
75-69-4	Trichlorofluoromethane	2.0	U	2.0	
76-13-1	Freon TF	2.0	U	2.0	
75-35-4	1,1-Dichloroethene	2.0	U	2.0	
67-64-1	Acetone	50	U	50	
75-15-0	Carbon disulfide	5.0	U	5.0	
64-17-5	Ethanol	50		50	
107-05-1	3-Chloropropene	5.0	U	5.0	
75-09-2	Methylene Chloride	5.0	U	5.0	
75-65-0	tert-Butyl alcohol	50	U	50	
67-63-0	Isopropyl alcohol	50	U	50	
1634-04-4	Methyl tert-butyl ether	2.0	U	2.0	
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	
110-54-3	n-Hexane	5.4		2.0	
75-34-3	1,1-Dichloroethane	2.0	U	2.0	
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	
67-66-3	Chloroform	2.0	U	2.0	
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	
110-82-7	Cyclohexane	2.0	U	2.0	
56-23-5	Carbon tetrachloride	2.0	U	2.0	
540-84-1	2,2,4-Trimethylpentane	2.0	U	2.0	
71-43-2	Benzene	2.0	U	2.0	
107-06-2	1,2-Dichloroethane	2.0	U	2.0	
142-82-5	n-Heptane	2.7		2.0	
79-01-6	Trichloroethene	2.0	U	2.0	
78-87-5	1,2-Dichloropropane	2.0	U	2.0	
109-99-9	Tetrahydrofuran	50	U	50	
75-27-4	Bromodichloromethane	2.0	U	2.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-2 Lab Sample ID: 200-49721-2

Matrix: Air Lab File ID: 200-368922-015.D

Analysis Method: TO-15 Date Collected: 07/19/2019 10:15

Sample wt/vol: 20(mL) Date Analyzed: 07/24/2019 22:49

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	
108-10-1	methyl isobutyl ketone	5.0	U	5.0	
108-88-3	Toluene	3.3		2.0	
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	
127-18-4	Tetrachloroethene	2.0	U	2.0	
124-48-1	Dibromochloromethane	2.0	U	2.0	
106-93-4	1,2-Dibromoethane	2.0	U	2.0	
80-62-6	Methyl methacrylate	5.0	U	5.0	
108-90-7	Chlorobenzene	2.0	U	2.0	
123-91-1	1,4-Dioxane	50	U	50	
100-41-4	Ethylbenzene	2.0	U	2.0	
179601-23-1	m,p-Xylene	5.0	U	5.0	
95-47-6	Xylene, o-	2.0	U	2.0	
100-42-5	Styrene	2.0	U	2.0	
75-25-2	Bromoform	2.0	U	2.0	
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	
622-96-8	4-Ethyltoluene	2.0	U	2.0	
108-67-8	1,3,5-Trimethylbenzene	2.0	U	2.0	
95-49-8	2-Chlorotoluene	2.0	U	2.0	
95-63-6	1,2,4-Trimethylbenzene	2.0	U	2.0	
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
87-68-3	Hexachlorobutadiene	2.0	U	2.0	
91-20-3	Naphthalene	5.0	U	5.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-2 Lab Sample ID: 200-49721-2

Matrix: Air Lab File ID: 200-368922-015.D

Analysis Method: TO-15 Date Collected: 07/19/2019 10:15

Sample wt/vol: 20(mL) Date Analyzed: 07/24/2019 22:49

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

Number TICs Found: 8 TIC Result Total: 1653

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.98	1300	J	
	Unknown	3.04	130	J	
	Unknown	3.10	59	J	
	Unknown	3.20	68	J	
	Unknown	3.31	23	J	
115-11-7	1-Propene, 2-methyl-	3.52	48	J N	87%
	Unknown	19.40	10	J	
	Unknown	22.27	15	J	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-3 Lab Sample ID: 200-49721-3

Matrix: Air Lab File ID: 200-368922-016.D

Analysis Method: TO-15 Date Collected: 07/19/2019 13:15

Sample wt/vol: 20(mL) Date Analyzed: 07/24/2019 23:42

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	
76-14-2	1,2-Dichlorotetrafluoroethane	2.0	U	2.0	
74-87-3	Chloromethane	5.0	U	5.0	
75-01-4	Vinyl chloride	2.0	U	2.0	
106-99-0	1,3-Butadiene	3.3		2.0	
74-83-9	Bromomethane	2.0	U	2.0	
75-00-3	Chloroethane	5.0	U	5.0	
593-60-2	Bromoethene(Vinyl Bromide)	2.0	U	2.0	
75-69-4	Trichlorofluoromethane	2.0	U	2.0	
76-13-1	Freon TF	2.0	U	2.0	
75-35-4	1,1-Dichloroethene	2.0	U	2.0	
67-64-1	Acetone	50	U	50	
75-15-0	Carbon disulfide	5.0	U	5.0	
64-17-5	Ethanol	50	U	50	
107-05-1	3-Chloropropene	5.0	U	5.0	
75-09-2	Methylene Chloride	5.0	U	5.0	
75-65-0	tert-Butyl alcohol	50	U	50	
67-63-0	Isopropyl alcohol	50	U	50	
1634-04-4	Methyl tert-butyl ether	2.0	U	2.0	
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	
110-54-3	n-Hexane	2.0	U	2.0	
75-34-3	1,1-Dichloroethane	2.0	U	2.0	
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	
67-66-3	Chloroform	4.4		2.0	
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	
110-82-7	Cyclohexane	2.0	U	2.0	
56-23-5	Carbon tetrachloride	2.0	U	2.0	
540-84-1	2,2,4-Trimethylpentane	2.0	U	2.0	
71-43-2	Benzene	2.0	U	2.0	
107-06-2	1,2-Dichloroethane	2.0	U	2.0	
142-82-5	n-Heptane	2.0	U	2.0	
79-01-6	Trichloroethene	2.0	U	2.0	
78-87-5	1,2-Dichloropropane	2.0	U	2.0	
109-99-9	Tetrahydrofuran	50	U	50	
75-27-4	Bromodichloromethane	2.0	U	2.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-3 Lab Sample ID: 200-49721-3

Matrix: Air Lab File ID: 200-368922-016.D

Analysis Method: TO-15 Date Collected: 07/19/2019 13:15

Sample wt/vol: 20(mL) Date Analyzed: 07/24/2019 23:42

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	
108-10-1	methyl isobutyl ketone	5.0	U	5.0	
108-88-3	Toluene	2.4		2.0	
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	
127-18-4	Tetrachloroethene	2.0	U	2.0	
124-48-1	Dibromochloromethane	2.0	U	2.0	
106-93-4	1,2-Dibromoethane	2.0	U	2.0	
80-62-6	Methyl methacrylate	5.0	U	5.0	
108-90-7	Chlorobenzene	2.0	U	2.0	
123-91-1	1,4-Dioxane	50	U	50	
100-41-4	Ethylbenzene	2.0	U	2.0	
179601-23-1	m,p-Xylene	5.0	U	5.0	
95-47-6	Xylene, o-	2.0	U	2.0	
100-42-5	Styrene	2.0	U	2.0	
75-25-2	Bromoform	2.0	U	2.0	
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	
622-96-8	4-Ethyltoluene	2.0	U	2.0	
108-67-8	1,3,5-Trimethylbenzene	2.0	U	2.0	
95-49-8	2-Chlorotoluene	2.0	U	2.0	
95-63-6	1,2,4-Trimethylbenzene	2.0	U	2.0	
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
87-68-3	Hexachlorobutadiene	2.0	U	2.0	
91-20-3	Naphthalene	5.0	U	5.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-3 Lab Sample ID: 200-49721-3

Matrix: Air Lab File ID: 200-368922-016.D

Analysis Method: TO-15 Date Collected: 07/19/2019 13:15

Sample wt/vol: 20(mL) Date Analyzed: 07/24/2019 23:42

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

Number TICs Found: 3 TIC Result Total: 166

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.98	120	J	
541-05-9	Cyclotrisiloxane, hexamethyl-	14.52	23	J N	91%
	Unknown	19.40	23	J	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-4 Lab Sample ID: 200-49721-4

Matrix: Air Lab File ID: 200-368922-017.D

Analysis Method: TO-15 Date Collected: 07/19/2019 14:15

Sample wt/vol: 20(mL) Date Analyzed: 07/25/2019 00:34

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	
76-14-2	1,2-Dichlorotetrafluoroethane	2.0	U	2.0	
74-87-3	Chloromethane	5.0	U	5.0	
75-01-4	Vinyl chloride	2.0	U	2.0	
106-99-0	1,3-Butadiene	2.0	U	2.0	
74-83-9	Bromomethane	2.0	U	2.0	
75-00-3	Chloroethane	5.0	U	5.0	
593-60-2	Bromoethene(Vinyl Bromide)	2.0	U	2.0	
75-69-4	Trichlorofluoromethane	2.0	U	2.0	
76-13-1	Freon TF	2.0	U	2.0	
75-35-4	1,1-Dichloroethene	2.0	U	2.0	
67-64-1	Acetone	50	U	50	
75-15-0	Carbon disulfide	5.0	U	5.0	
64-17-5	Ethanol	69		50	
107-05-1	3-Chloropropene	5.0	U	5.0	
75-09-2	Methylene Chloride	5.0	U	5.0	
75-65-0	tert-Butyl alcohol	50	U	50	
67-63-0	Isopropyl alcohol	50	U	50	
1634-04-4	Methyl tert-butyl ether	2.0	U	2.0	
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	
110-54-3	n-Hexane	2.0	U	2.0	
75-34-3	1,1-Dichloroethane	2.0	U	2.0	
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	
67-66-3	Chloroform	2.0	U	2.0	
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	
110-82-7	Cyclohexane	2.0	U	2.0	
56-23-5	Carbon tetrachloride	2.0	U	2.0	
540-84-1	2,2,4-Trimethylpentane	2.0	U	2.0	
71-43-2	Benzene	2.0	U	2.0	
107-06-2	1,2-Dichloroethane	2.0	U	2.0	
142-82-5	n-Heptane	2.0	U	2.0	
79-01-6	Trichloroethene	2.0	U	2.0	
78-87-5	1,2-Dichloropropane	2.0	U	2.0	
109-99-9	Tetrahydrofuran	50	U	50	
75-27-4	Bromodichloromethane	2.0	U	2.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-4 Lab Sample ID: 200-49721-4

Matrix: Air Lab File ID: 200-368922-017.D

Analysis Method: TO-15 Date Collected: 07/19/2019 14:15

Sample wt/vol: 20(mL) Date Analyzed: 07/25/2019 00:34

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	
108-10-1	methyl isobutyl ketone	5.0	U	5.0	
108-88-3	Toluene	2.0	U	2.0	
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	
127-18-4	Tetrachloroethene	2.0	U	2.0	
124-48-1	Dibromochloromethane	2.0	U	2.0	
106-93-4	1,2-Dibromoethane	2.0	U	2.0	
80-62-6	Methyl methacrylate	5.0	U	5.0	
108-90-7	Chlorobenzene	2.0	U	2.0	
123-91-1	1,4-Dioxane	50	U	50	
100-41-4	Ethylbenzene	2.0	U	2.0	
179601-23-1	m,p-Xylene	5.0	U	5.0	
95-47-6	Xylene, o-	2.0	U	2.0	
100-42-5	Styrene	2.0	U	2.0	
75-25-2	Bromoform	2.0	U	2.0	
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	
622-96-8	4-Ethyltoluene	2.0	U	2.0	
108-67-8	1,3,5-Trimethylbenzene	2.0	U	2.0	
95-49-8	2-Chlorotoluene	2.0	U	2.0	
95-63-6	1,2,4-Trimethylbenzene	2.0	U	2.0	
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
87-68-3	Hexachlorobutadiene	2.0	U	2.0	
91-20-3	Naphthalene	5.0	U	5.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: SV-4 Lab Sample ID: 200-49721-4

Matrix: Air Lab File ID: 200-368922-017.D

Analysis Method: TO-15 Date Collected: 07/19/2019 14:15

Sample wt/vol: 20(mL) Date Analyzed: 07/25/2019 00:34

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

Number TICs Found: 3 TIC Result Total: 54

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.99	23	J	
541-05-9	Cyclotrisiloxane, hexamethyl-	14.52	19	J N	90%
	Unknown	22.27	12	J	

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-144428/4	200-36487-004.D
Level 2	IC 200-144428/5	200-36487-005.D
Level 3	IC 200-144428/6	200-36487-006.D
Level 4	IC 200-144428/7	200-36487-007.D
Level 5	ICIS 200-144428/8	200-36487-008.D
Level 6	IC 200-144428/9	200-36487-009.D
Level 7	IC 200-144428/12	200-36487-012.D
Level 8	IC 200-144428/13	200-36487-013.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.5238	+++++ 1.3081	+++++ 1.2531	1.4983	1.2894	Ave		1.3745				9.2		30.0			
Dichlorodifluoromethane	+++++ 4.6630	+++++ 3.8555	4.4320 3.8729	4.3843	3.8206	Ave		4.1714				8.8		30.0			
Freon 22	+++++ 2.7262	+++++ 2.3410	2.5629 2.2236	2.2989	2.2300	Ave		2.3971				8.5		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 4.4497	4.6824 3.6299	4.0875 3.5298	4.0478	3.6783	Ave		4.0151				10.8		30.0			
Chloromethane	+++++ 1.5311	+++++ 1.3030	1.5095 1.2429	1.4577	1.2652	Ave		1.3849				9.3		30.0			
n-Butane	+++++ 1.6911	+++++ 1.5068	1.7868 1.4472	1.7330	1.4778	Ave		1.6071				9.1		30.0			
Vinyl chloride	+++++ 1.4536	1.5089 1.2137	1.3825 1.2098	1.3740	1.2110	Ave		1.3362				9.4		30.0			
1,3-Butadiene	+++++ 0.8969	0.8402 0.7569	0.8353 0.7314	0.7808	0.7474	Ave		0.7984				7.6		30.0			
Bromomethane	+++++ 1.4270	1.4197 1.1990	1.3605 1.1870	1.2570	1.1691	Ave		1.2885				8.7		30.0			
Chloroethane	+++++ 0.5016	+++++ 0.4387	0.4743 0.3991	0.4230	0.4012	Ave		0.4397				9.3		30.0			
Isopentane	+++++ 1.0403	1.1280 0.9181	1.1238 0.7987	0.9870	0.8882	Ave		0.9835				12.5		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.2650	1.1931 1.0419	1.1524 1.0100	1.0511	1.0116	Ave		1.1036				9.1		30.0			
Trichlorofluoromethane	+++++ 2.9752	3.0751 2.4511	2.9037 2.3791	2.6071	2.4101	Ave		2.6859				10.9		30.0			
n-Pentane	+++++ 1.5013	+++++ 1.3061	1.6181 1.1429	1.4018	1.2367	Ave		1.3678				12.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.2795	+++++ 0.2382	0.2721 0.2279	0.2309	0.2539	Ave		0.2504				8.7		30.0			
Ethyl ether	+++++ 0.5345	0.6477 0.4633	0.5749 0.4626	0.4013	0.4336	Ave		0.5026				17.3		30.0			
Acrolein	+++++ 0.2693	+++++ 0.2669	+++++ 0.2263	0.2144	0.2467	Ave		0.2447				9.9		30.0			
Freon TF	+++++ 2.7711	2.8709 2.3631	2.7428 2.2472	2.4329	2.1565	Ave		2.5121				11.2		30.0			
1,1-Dichloroethene	+++++ 1.2299	1.2602 1.0242	1.2836 0.9818	1.0676	0.9888	Ave		1.1195				11.9		30.0			
Acetone	+++++ 1.2467	+++++ 1.0333	+++++ 1.0079	0.9428	1.0266	Ave		1.0515				10.9		30.0			
Carbon disulfide	+++++ 3.8621	+++++ 3.2673	3.7621 3.2301	3.5175	3.1204	Ave		3.4599				8.8		30.0			
Isopropyl alcohol	+++++ 1.6122	+++++ 1.2273	+++++ 1.2530	1.2837	1.3030	Ave		1.3358				11.8		30.0			
3-Chloropropene	+++++ 1.2295	1.1857 1.2457	1.1751 1.0859	1.1747	0.9446	Ave		1.1488				9.0		30.0			
Acetonitrile	+++++ 0.6589	+++++ 0.5823	+++++ 0.5272	0.5097	0.5367	Ave		0.5630				10.7		30.0			
Methylene Chloride	+++++ 1.4367	+++++ 1.2772	1.5052 1.1724	1.2847	1.1686	Ave		1.3075				10.5		30.0			
tert-Butyl alcohol	+++++ 2.0929	+++++ 1.5347	+++++ 1.6395	1.5901	1.6353	Ave		1.6985				13.2		30.0			
Methyl tert-butyl ether	+++++ 2.4439	2.2914 1.9535	2.3075 1.9994	1.7668	1.9379	Ave		2.1001				11.8		30.0			
trans-1,2-Dichloroethene	+++++ 1.7601	1.6752 1.5321	1.6899 1.4354	1.5434	1.3879	Ave		1.5749				8.8		30.0			
Acrylonitrile	+++++ 0.6222	+++++ 0.5431	0.5927 0.5212	0.4414	0.4928	Ave		0.5356				12.3		30.0			
n-Hexane	+++++ 1.5673	1.4916 1.3648	1.4973 1.2928	1.3770	1.2482	Ave		1.4056				8.3		30.0			
1,1-Dichloroethane	+++++ 1.9752	2.2741 1.9721	2.1376 1.8712	1.9497	1.5041	Ave		1.9548				12.3		30.0			
Vinyl acetate	+++++ 2.0653	+++++ 1.7926	+++++ 1.7085	1.4027	1.7321	Ave		1.7402				13.6		30.0			
cis-1,2-Dichloroethene	+++++ 1.2776	1.1997 1.1392	1.1851 1.1459	1.1230	0.9486	Ave		1.1456				8.8		30.0			
Methyl Ethyl Ketone	+++++ 0.4622	+++++ 0.3617	0.5207 0.3635	0.3342	0.3660	Ave		0.4014				18.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	+++++ 0.0652	+++++ 0.0511	+++++ 0.0497	0.0503	0.0487	Ave		0.0530				13.0		30.0			
Tetrahydrofuran	+++++ 0.2136	+++++ 0.1662	+++++ 0.1752	0.1831	0.1642	Ave		0.1805				11.1		30.0			
Chloroform	+++++ 2.7315	2.9279 2.5045	2.7918 2.4828	2.4946	2.0267	Ave		2.5657				11.4		30.0			
Cyclohexane	+++++ 0.3020	0.4404 0.2399	0.2814 0.2542	0.3025	0.2269	Ave		0.2925				24.5		30.0			
1,1,1-Trichloroethane	+++++ 0.5379	0.6023 0.4447	0.5072 0.4810	0.5528	0.3773	Ave		0.5004				14.9		30.0			
Carbon tetrachloride	+++++ 0.6121	0.6421 0.4922	0.5108 0.5446	0.5615	0.4361	Ave		0.5428				13.0		30.0			
2,2,4-Trimethylpentane	+++++ 1.2851	1.6571 1.0533	1.2517 1.0978	1.3506	0.9588	Ave		1.2363				18.8		30.0			
Benzene	+++++ 0.7453	0.9114 0.7060	0.8449 0.7484	0.7728	0.5399	Ave		0.7527				15.5		30.0			
1,2-Dichloroethane	+++++ 0.3008	0.3751 0.2851	0.2953 0.3133	0.2929	0.2138	Ave		0.2966				16.0		30.0			
n-Heptane	+++++ 0.5248	0.6870 0.4376	0.4839 0.4477	0.5426	0.3980	Ave		0.5031				19.0		30.0			
n-Butanol	+++++ 0.1829	+++++ 0.1276	+++++ 0.1511	0.1507	0.1314	Ave		0.1487				14.8		30.0			
Trichloroethene	+++++ 0.4872	0.5859 0.3883	0.4323 0.4329	0.4752	0.3619	Ave		0.4520				16.3		30.0			
1,2-Dichloropropane	+++++ 0.3741	0.4594 0.3100	0.3692 0.3370	0.3174	0.2670	Ave		0.3477				17.6		30.0			
Methyl methacrylate	+++++ 0.3020	+++++ 0.2153	0.2477 0.2514	0.2180	0.2184	Ave		0.2421				13.8		30.0			
Dibromomethane	+++++ 0.4370	0.6591 0.3874	0.4456 0.4379	0.4796	0.3166	Ave		0.4519				23.3		30.0			
1,4-Dioxane	+++++ 0.1469	+++++ 0.1231	+++++ 0.1127	0.1361	0.1385	Ave		0.1315				10.3		30.0			
Bromodichloromethane	+++++ 0.6974	0.8064 0.6410	0.6501 0.7183	0.7439	0.5066	Ave		0.6805				14.0		30.0			
cis-1,3-Dichloropropene	+++++ 0.5716	0.6550 0.4917	0.5216 0.5409	0.4884	0.4134	Ave		0.5261				14.4		30.0			
methyl isobutyl ketone	+++++ 0.7548	+++++ 0.5200	0.5767 0.5873	0.6148	0.5481	Ave		0.6003				13.7		30.0			
Toluene	+++++ 0.6339	0.6918 0.5655	0.6204 0.5226	0.4989	0.4862	Ave		0.5742				13.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.7841	0.9707 0.7047	0.8021 0.7376	0.8814	0.5768	Ave		0.7796				16.2		30.0			
trans-1,3-Dichloropropene	+++++ 0.4947	0.6760 0.3957	0.4480 0.4650	0.4074	0.3606	Ave		0.4639				22.4		30.0			
1,1,2-Trichloroethane	+++++ 0.3803	0.4316 0.3407	0.3933 0.3132	0.3163	0.2967	Ave		0.3532				14.1		30.0			
Tetrachloroethene	+++++ 0.6537	0.7628 0.6147	0.6386 0.5478	0.6582	0.4957	Ave		0.6245				13.7		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.7369	+++++ 0.5675	0.6161 0.5194	0.5839	0.5538	Ave		0.5963				12.7		30.0			
Dibromochloromethane	+++++ 0.8214	0.8428 0.8436	0.6932 0.7604	0.6900	0.6351	Ave		0.7552				11.1		30.0			
1,2-Dibromoethane	+++++ 0.7001	0.7255 0.6396	0.6651 0.5906	0.5754	0.5282	Ave		0.6321				11.2		30.0			
Chlorobenzene	+++++ 0.8918	1.0314 0.8119	0.8837 0.7554	0.7482	0.6968	Ave		0.8313				13.7		30.0			
Ethylbenzene	+++++ 1.3831	1.4501 1.1706	1.3638 1.0923	1.0453	1.0764	Ave		1.2259				13.7		30.0			
n-Nonane	+++++ 0.7180	0.7334 0.6200	0.6649 0.5653	0.6314	0.5583	Ave		0.6416				10.7		30.0			
m,p-Xylene	+++++ 0.5187	0.5444 0.4379	0.4929 0.4008	0.3949	0.4063	Ave		0.4566				13.5		30.0			
Xylene, o-	+++++ 0.5206	0.4946 0.4404	0.4436 0.4133	0.3854	0.4127	Ave		0.4444				10.8		30.0			
Styrene	+++++ 0.8268	0.7809 0.7053	0.7318 0.6723	0.5996	0.6374	Ave		0.7077				11.2		30.0			
Bromoform	+++++ 0.8078	0.8108 0.7574	0.5244 0.6958	0.5560	0.6299	Ave		0.6831				17.1		30.0			
Cumene	+++++ 1.4923	1.5237 1.2435	1.3581 1.1462	1.1012	1.1469	Ave		1.2874				13.4		30.0			
1,1,2,2-Tetrachloroethane	+++++ 1.0269	1.1821 0.8549	0.9940 0.7651	0.8134	0.7902	Ave		0.9181				16.8		30.0			
n-Propylbenzene	+++++ 1.8345	1.9649 1.5036	1.7612 1.3344	1.3960	1.4229	Ave		1.6025				15.4		30.0			
1,2,3-Trichloropropane	+++++ 0.7091	0.8770 0.5851	0.7144 0.5063	0.5594	0.5577	Ave		0.6441				20.1		30.0			
2-Chlorotoluene	+++++ 1.2588	1.4258 1.0681	1.1958 0.9538	1.0339	0.9824	Ave		1.1312				15.1		30.0			
4-Ethyltoluene	+++++ 1.4584	1.6057 1.1786	1.3600 1.0507	1.1036	1.1424	Ave		1.2713				16.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Decane	+++++ 0.8803	+++++ 0.7150	0.7960 0.6241	0.7440	0.7057	Ave		0.7442				11.7		30.0			
1,3,5-Trimethylbenzene	+++++ 1.2250	1.4137 0.9928	1.0880 0.9050	0.9126	0.9373	Ave		1.0678				17.9		30.0			
Alpha Methyl Styrene	+++++ 0.6599	0.6686 0.5467	0.5102 0.5052	0.4632	0.4943	Ave		0.5497				14.9		30.0			
tert-Butylbenzene	+++++ 1.1040	1.2579 0.8940	1.0599 0.8245	0.8515	0.8528	Ave		0.9778				16.9		30.0			
1,2,4-Trimethylbenzene	+++++ 1.2340	1.3259 1.0023	1.0825 0.9071	0.9473	0.9607	Ave		1.0657				14.9		30.0			
sec-Butylbenzene	+++++ 1.8166	2.0843 1.4719	1.7281 1.3370	1.4073	1.4091	Ave		1.6077				17.2		30.0			
4-Isopropyltoluene	+++++ 1.4170	1.7092 1.1413	1.3076 0.9960	1.1163	1.1313	Ave		1.2598				19.2		30.0			
1,3-Dichlorobenzene	+++++ 0.8998	1.1383 0.7823	0.8544 0.6788	0.7654	0.7276	Ave		0.8352				18.3		30.0			
1,4-Dichlorobenzene	+++++ 0.9122	1.1721 0.7954	0.8642 0.7152	0.7612	0.7291	Ave		0.8499				18.7		30.0			
Benzyl chloride	+++++ 1.1867	1.3796 1.0227	1.0040 0.8924	0.9703	0.9597	Ave		1.0594				15.8		30.0			
n-Butylbenzene	+++++ 1.5163	1.7898 1.2002	1.3423 1.0642	1.2036	1.1772	Ave		1.3277				18.8		30.0			
n-Undecane	+++++ 0.9028	+++++ 0.7118	0.7092 0.6142	0.7442	0.7211	Ave		0.7339				12.8		30.0			
1,2-Dichlorobenzene	+++++ 0.8703	1.1500 0.7468	0.8751 0.6654	0.7429	0.7002	Ave		0.8215				20.1		30.0			
n-Dodecane	+++++ 0.7354	+++++ 0.6023	+++++ 0.5909	0.6160	0.5689	Ave		0.6227				10.5		30.0			
1,2,4-Trichlorobenzene	+++++ 0.6015	+++++ 0.5271	0.5533 0.4968	0.5420	0.5026	Ave		0.5372				7.1		30.0			
Hexachlorobutadiene	+++++ 0.5709	0.9012 0.4810	0.5857 0.4607	0.5006	0.4647	Ave		0.5664				27.5		30.0			
Naphthalene	+++++ 1.2165	+++++ 1.0775	1.0866 0.9648	1.0931	1.0277	Ave		1.0777				7.7		30.0			
1,2,3-Trichlorobenzene	+++++ 0.4736	+++++ 0.4168	0.4446 0.4121	0.4731	0.4143	Ave		0.4391				6.6		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-144428/4	200-36487-004.D
Level 2	IC 200-144428/5	200-36487-005.D
Level 3	IC 200-144428/6	200-36487-006.D
Level 4	IC 200-144428/7	200-36487-007.D
Level 5	ICIS 200-144428/8	200-36487-008.D
Level 6	IC 200-144428/9	200-36487-009.D
Level 7	IC 200-144428/12	200-36487-012.D
Level 8	IC 200-144428/13	200-36487-013.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 505241	+++++ 642808	+++++ 1136142	146850	308642	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1546124	+++++ 1894579	50707 3511417	429717	914526	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 903925	+++++ 1150373	29323 2016061	225320	533791	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1475402	18414 1783720	46766 3200346	396733	880465	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 507689	+++++ 640304	17271 1126918	142878	302852	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 560716	+++++ 740417	20443 1312088	169853	353739	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	+++++ 481985	5934 596393	15818 1096839	134665	289868	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	+++++ 297380	3304 371961	9557 663137	76533	178916	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 473161	5583 589182	15566 1076215	123201	279841	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 166334	+++++ 215570	5426 361803	41464	96042	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 344936	4436 451165	12858 724177	96741	212598	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 419428	4692 511994	13185 915689	103021	242156	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 986499	12093 1204472	33222 2156983	255532	576899	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 497802	+++++ 641791	18513 1036238	137392	296029	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 123854	+++++ 234091	31166 516540	45284	91217	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 177242	2547 227666	6578 419449	39331	103782	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 89298	+++++ 131155	+++++ 205178	21015	59041	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 918828	11290 1161220	31381 2037417	238455	516200	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	+++++ 407809	4956 503262	14686 890200	104643	236688	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 413367	+++++ 507778	+++++ 913775	92409	245730	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1280568	+++++ 1605546	43043 2928628	344765	746926	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 534566	+++++ 603105	+++++ 1136034	125819	311899	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 407667	4663 612142	13445 984566	115139	226107	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 218483	+++++ 286153	+++++ 478029	49953	128475	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 476386	+++++ 627618	17221 1062951	125913	279722	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 693954	+++++ 754157	+++++ 1486446	155849	391448	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 810346	9011 959922	26400 1812799	173166	463883	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 583597	6588 752864	19334 1301399	151273	332229	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 206319	+++++ 266861	6781 472523	43263	117962	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 519689	5866 670668	17131 1172164	134967	298778	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	+++++ 654914	8943 969101	24457 1696517	191092	360025	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 684806	+++++ 880896	+++++ 1549009	137479	414619	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	+++++ 423606	4718 559802	13559 1038928	110068	227073	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 153244	+++++ 177735	5957 329563	32760	87621	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 21610	+++++ 25134	+++++ 45086	4927	11651	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	+++++ 353073	+++++ 437598	+++++ 771551	78108	207942	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 905711	11514 1230700	31942 2251045	244506	485134	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	+++++ 499141	6565 631622	16276 1119359	129055	287359	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 889060	8978 1170649	29330 2118168	235797	477806	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	+++++ 1011726	9571 1295648	29543 2398138	239526	552169	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 2124040	24702 2773021	72386 4834248	576145	1214064	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	+++++ 1231822	13586 1858585	48860 3295754	329686	683643	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 497148	5591 750431	17076 1379404	124945	270658	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	+++++ 867429	10241 1152102	27986 1971216	231483	503930	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	+++++ 302378	+++++ 335975	+++++ 665553	64269	166364	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	+++++ 805252	8734 1022306	24999 1906452	202699	458307	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 618389	6848 816076	21354 1484075	135399	338127	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 499248	+++++ 566821	14326 1106881	93010	276561	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	+++++ 722321	9825 1019757	25767 1928419	204574	400836	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 242774	+++++ 324107	+++++ 496474	58043	175348	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1152780	12020 1687374	37596 3163194	317337	641524	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 944868	9764 1294347	30163 2381940	208346	523407	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFBZ	Ave	+++++ 1247594	+++++ 1369061	33351 2586290	262255	693968	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZ d5	Ave	+++++ 1043237	11536 1297383	33248 2544264	215488	574987	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	+++++ 1296077	14470 1855216	46388 3247798	376005	730335	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 817626	10076 1041634	25908 2047591	173804	456544	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 625811	7198 781707	21079 1524613	136613	350862	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	+++++ 1075778	12721 1410370	34224 2666764	284305	586158	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	+++++ 1212720	+++++ 1302009	33022 2528565	252230	654832	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZ d5	Ave	+++++ 1351789	14055 1935379	37151 3701923	298029	751036	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 1152123	12099 1467330	35646 2875044	248536	624621	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZ d5	Ave	+++++ 1467538	17199 1862854	47360 3677313	323188	823954	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZ d5	Ave	+++++ 2276098	24181 2685792	73092 5317358	451502	1272896	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBNZ d5	Ave	+++++ 1181528	12230 1422563	35635 2751785	272731	660210	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZ d5	Ave	+++++ 1707088	18158 2009411	52832 3902555	341147	960928	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBNZ d5	Ave	+++++ 856755	8248 1010381	23773 2012154	166466	488086	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZ d5	Ave	+++++ 1360639	13023 1618156	39221 3273061	258995	753716	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZ d5	Ave	+++++ 1329412	13520 1737625	28104 3387415	240168	744829	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZ d5	Ave	+++++ 2455781	25409 2853083	72788 5580015	475653	1356266	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 1689830	19712 1961437	53276 3724369	351362	934422	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZ d5	Ave	+++++ 3018976	32766 3449649	94393 6495908	603001	1682690	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBNZ d5	Ave	+++++ 1166971	14624 1342299	38286 2464860	241639	659469	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZ d5	Ave	+++++ 2071508	23776 2450452	64092 4643131	446599	1161777	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZ d5	Ave	+++++ 2400039	26776 2704006	72891 5114838	476718	1350953	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBNZ d5	Ave	+++++ 1448661	+++++ 1640511	42661 3038417	321354	834522	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZ d5	Ave	+++++ 2015926	23574 2277883	58314 4405408	394202	1108348	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZ d5	Ave	+++++ 1085906	11149 1254282	27345 2459339	200065	584477	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZ d5	Ave	+++++ 1816728	20977 2051157	56804 4013768	367818	1008517	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1 Analy Batch No.: 144428

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/24/2019 18:57 Calibration End Date: 06/25/2019 02:32 Calibration ID: 41994

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBNZ d5	Ave	+++++ 2030639	22110 2299545	58015 4415848	409180	1136091	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZ d5	Ave	+++++ 2989522	34757 3376878	92616 6508732	607882	1666318	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZ d5	Ave	+++++ 2331797	28502 2618510	70083 4848675	482203	1337802	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZ d5	Ave	+++++ 1480754	18982 1794910	45791 3304684	330634	860363	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZ d5	Ave	+++++ 1501220	19545 1824821	46318 3481826	328798	862226	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZ d5	Ave	+++++ 1952938	23006 2346426	53811 4344256	419137	1134831	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBNZ d5	Ave	+++++ 2495333	29846 2753643	71943 5180813	519886	1392111	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZ d5	Ave	+++++ 1485666	+++++ 1632993	38008 2990027	321469	852699	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZ d5	Ave	+++++ 1432279	19178 1713328	46903 3239214	320881	827965	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBNZ d5	Ave	+++++ 1210246	+++++ 1381948	+++++ 2876461	266095	672700	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZ d5	Ave	+++++ 989912	+++++ 1209440	29657 2418455	234098	594343	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZ d5	Ave	+++++ 939451	15029 1103545	31389 2242588	216256	549486	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZ d5	Ave	+++++ 2001891	+++++ 2472160	58239 4696851	472163	1215318	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZ d5	Ave	+++++ 779336	+++++ 956213	23830 2006385	204341	489894	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM III
AIR - GC/MS VOA INITIAL CALIBRATION VERIFICATION RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 200-36487-016.D

Lab ID: ICV 200-144428/16 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	ICV CONCENTRATION (ppb v/v)	ICV % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.0	100	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.96	100	70-130	
Chloromethane	10.0	9.97	100	70-130	
Vinyl chloride	10.0	9.57	96	70-130	
1,3-Butadiene	10.0	9.94	99	70-130	
Bromomethane	10.0	9.80	98	70-130	
Chloroethane	10.0	10.1	101	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.0	100	70-130	
Trichlorofluoromethane	10.0	9.99	100	70-130	
Freon TF	10.0	10.2	102	70-130	
1,1-Dichloroethene	10.0	9.89	99	70-130	
Acetone	10.0	10.5	105	70-130	
Carbon disulfide	10.0	10.0	100	70-130	
Ethanol	15.0	15.5	104	70-130	
3-Chloropropene	10.0	11.0	110	70-130	
Methylene Chloride	10.0	10.2	102	70-130	
tert-Butyl alcohol	10.0	9.77	98	70-130	
Isopropyl alcohol	10.0	9.48	95	70-130	
Methyl tert-butyl ether	10.0	9.95	100	70-130	
trans-1,2-Dichloroethene	10.0	10.0	100	70-130	
n-Hexane	10.0	10.3	103	70-130	
1,1-Dichloroethane	10.0	10.5	105	70-130	
Methyl Ethyl Ketone	10.0	9.44	94	70-130	
cis-1,2-Dichloroethene	10.0	10.3	103	70-130	
Chloroform	10.0	10.2	102	70-130	
1,1,1-Trichloroethane	10.0	10.5	105	70-130	
Cyclohexane	10.0	9.87	99	70-130	
Carbon tetrachloride	10.0	10.6	106	70-130	
2,2,4-Trimethylpentane	10.0	10.1	101	70-130	
Benzene	10.0	10.7	107	70-130	
1,2-Dichloroethane	10.0	10.4	104	70-130	
n-Heptane	10.0	10.2	102	70-130	
Trichloroethene	10.0	10.4	104	70-130	
1,2-Dichloropropane	10.0	10.4	104	70-130	
Tetrahydrofuran	10.0	11.1	111	70-130	
Bromodichloromethane	10.0	10.9	109	70-130	
cis-1,3-Dichloropropene	10.0	10.6	106	70-130	
methyl isobutyl ketone	10.0	10.5	105	70-130	
Toluene	10.0	10.6	106	70-130	
trans-1,3-Dichloropropene	10.0	10.2	102	70-130	
1,1,2-Trichloroethane	10.0	10.4	104	70-130	
Tetrachloroethene	10.0	10.4	104	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA INITIAL CALIBRATION VERIFICATION RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 200-36487-016.D

Lab ID: ICV 200-144428/16 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	ICV CONCENTRATION (ppb v/v)	ICV % REC	QC LIMITS REC	#
Dibromochloromethane	10.0	10.8	108	70-130	
1,2-Dibromoethane	10.0	10.7	107	70-130	
Methyl methacrylate	10.0	10.8	108	70-130	
Chlorobenzene	10.0	10.4	104	70-130	
1,4-Dioxane	10.0	10.0	100	70-130	
Ethylbenzene	10.0	10.3	103	70-130	
m,p-Xylene	20.0	20.9	105	70-130	
Xylene, o-	10.0	10.6	106	70-130	
Styrene	10.0	10.5	106	70-130	
Bromoform	10.0	11.1	111	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.81	98	70-130	
4-Ethyltoluene	10.0	9.93	99	70-130	
1,3,5-Trimethylbenzene	10.0	9.94	99	70-130	
2-Chlorotoluene	10.0	10.2	102	70-130	
1,2,4-Trimethylbenzene	10.0	9.98	100	70-130	
1,3-Dichlorobenzene	10.0	10.0	100	70-130	
1,4-Dichlorobenzene	10.0	10.0	100	70-130	
1,2-Dichlorobenzene	10.0	9.81	98	70-130	
1,2,4-Trichlorobenzene	10.0	10.7	107	70-130	
Hexachlorobutadiene	10.0	9.40	94	70-130	
Naphthalene	10.0	11.0	110	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Lab Sample ID: CCVIS 200-145426/2 Calibration Date: 07/24/2019 11:24

Instrument ID: CHG.i Calib Start Date: 06/24/2019 18:57

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/25/2019 02:32

Lab File ID: 200-368922-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.375	1.775		12.9	10.0	29.1	30.0
Dichlorodifluoromethane	Ave	4.171	4.419		10.6	10.0	5.9	30.0
Freon 22	Ave	2.397	3.133		13.1	10.0	30.7*	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.015	4.423		11.0	10.0	10.2	30.0
Chloromethane	Ave	1.385	1.705		12.3	10.0	23.1	30.0
n-Butane	Ave	1.607	1.974		12.3	10.0	22.9	30.0
Vinyl chloride	Ave	1.336	1.485		11.1	10.0	11.1	30.0
1,3-Butadiene	Ave	0.7984	0.9145		11.5	10.0	14.5	30.0
Bromomethane	Ave	1.288	1.311		10.2	10.0	1.8	30.0
Chloroethane	Ave	0.4397	0.4827		11.0	10.0	9.8	30.0
Isopentane	Ave	0.9835	1.055		10.7	10.0	7.3	30.0
Bromoethene(Vinyl Bromide)	Ave	1.104	1.052		9.53	10.0	-4.6	30.0
Trichlorofluoromethane	Ave	2.686	2.608		9.71	10.0	-2.9	30.0
n-Pentane	Ave	1.368	1.514		11.1	10.0	10.7	30.0
Ethanol	Ave	0.2504	0.2468		14.8	15.0	-1.5	30.0
Ethyl ether	Ave	0.5026	0.4973		9.89	10.0	-1.0	30.0
Acrolein	Ave	0.2447	0.2827		11.5	10.0	15.5	30.0
Freon TF	Ave	2.512	2.559		10.2	10.0	1.9	30.0
1,1-Dichloroethene	Ave	1.119	1.104		9.86	10.0	-1.4	30.0
Acetone	Ave	1.051	1.127		10.7	10.0	7.2	30.0
Carbon disulfide	Ave	3.460	3.668		10.6	10.0	6.0	30.0
Isopropyl alcohol	Ave	1.336	1.535		11.5	10.0	14.9	30.0
3-Chloropropene	Ave	1.149	1.035		9.01	10.0	-9.9	30.0
Acetonitrile	Ave	0.5630	0.6378		11.3	10.0	13.3	30.0
Methylene Chloride	Ave	1.307	1.468		11.2	10.0	12.2	30.0
tert-Butyl alcohol	Ave	1.699	1.864		11.0	10.0	9.7	30.0
Methyl tert-butyl ether	Ave	2.100	1.949		9.28	10.0	-7.2	30.0
trans-1,2-Dichloroethene	Ave	1.575	1.689		10.7	10.0	7.2	30.0
Acrylonitrile	Ave	0.5356	0.5963		11.1	10.0	11.3	30.0
n-Hexane	Ave	1.406	1.506		10.7	10.0	7.1	30.0
1,1-Dichloroethane	Ave	1.955	2.151		11.0	10.0	10.1	30.0
Vinyl acetate	Ave	1.740	1.911		11.0	10.0	9.8	30.0
cis-1,2-Dichloroethene	Ave	1.146	1.156		10.1	10.0	0.9	30.0
Methyl Ethyl Ketone	Ave	0.4014	0.3547		8.83	10.0	-11.6	30.0
Ethyl acetate	Ave	0.0530	0.0457		8.62	10.0	-13.7	30.0
Tetrahydrofuran	Ave	0.1805	0.1736		9.62	10.0	-3.8	30.0
Chloroform	Ave	2.566	2.592		10.1	10.0	1.0	30.0
Cyclohexane	Ave	0.2925	0.2568		8.78	10.0	-12.2	30.0
1,1,1-Trichloroethane	Ave	0.5004	0.4711		9.41	10.0	-5.9	30.0
Carbon tetrachloride	Ave	0.5428	0.5115		9.42	10.0	-5.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Lab Sample ID: CCVIS 200-145426/2 Calibration Date: 07/24/2019 11:24

Instrument ID: CHG.i Calib Start Date: 06/24/2019 18:57

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/25/2019 02:32

Lab File ID: 200-368922-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	1.236	1.168		9.44	10.0	-5.5	30.0
Benzene	Ave	0.7527	0.7575		10.1	10.0	0.6	30.0
1,2-Dichloroethane	Ave	0.2966	0.3038		10.2	10.0	2.4	30.0
n-Heptane	Ave	0.5031	0.4884		9.71	10.0	-2.9	30.0
n-Butanol	Ave	0.1487	0.1576		10.6	10.0	6.0	30.0
Trichloroethene	Ave	0.4520	0.4047		8.95	10.0	-10.5	30.0
1,2-Dichloropropane	Ave	0.3477	0.3324		9.56	10.0	-4.4	30.0
Methyl methacrylate	Ave	0.2421	0.2135		8.82	10.0	-11.8	30.0
Dibromomethane	Ave	0.4519	0.3957		8.76	10.0	-12.4	30.0
1,4-Dioxane	Ave	0.1315	0.1270		9.66	10.0	-3.4	30.0
Bromodichloromethane	Ave	0.6805	0.6549		9.62	10.0	-3.8	30.0
cis-1,3-Dichloropropene	Ave	0.5261	0.5110		9.71	10.0	-2.9	30.0
methyl isobutyl ketone	Ave	0.6003	0.5752		9.58	10.0	-4.2	30.0
Toluene	Ave	0.5742	0.6050		10.5	10.0	5.4	30.0
n-Octane	Ave	0.7796	0.7576		9.72	10.0	-2.8	30.0
trans-1,3-Dichloropropene	Ave	0.4639	0.3985		8.59	10.0	-14.1	30.0
1,1,2-Trichloroethane	Ave	0.3532	0.3598		10.2	10.0	1.9	30.0
Tetrachloroethene	Ave	0.6245	0.6298		10.1	10.0	0.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5963	0.6656		11.2	10.0	11.6	30.0
Dibromochloromethane	Ave	0.7552	0.8484		11.2	10.0	12.3	30.0
1,2-Dibromoethane	Ave	0.6321	0.6683		10.6	10.0	5.7	30.0
Chlorobenzene	Ave	0.8313	0.8425		10.1	10.0	1.4	30.0
Ethylbenzene	Ave	1.226	1.204		9.82	10.0	-1.8	30.0
n-Nonane	Ave	0.6416	0.6525		10.2	10.0	1.7	30.0
m,p-Xylene	Ave	0.4566	0.4470		19.6	20.0	-2.1	30.0
Xylene, o-	Ave	0.4444	0.4430		9.97	10.0	-0.3	30.0
Styrene	Ave	0.7077	0.7090		10.0	10.0	0.2	30.0
Bromoform	Ave	0.6831	0.6558		9.60	10.0	-4.0	30.0
Cumene	Ave	1.287	1.214		9.43	10.0	-5.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9181	0.8748		9.53	10.0	-4.7	30.0
n-Propylbenzene	Ave	1.603	1.491		9.30	10.0	-6.9	30.0
1,2,3-Trichloropropane	Ave	0.6441	0.6130		9.51	10.0	-4.8	30.0
2-Chlorotoluene	Ave	1.131	1.091		9.65	10.0	-3.5	30.0
4-Ethyltoluene	Ave	1.271	1.180		9.28	10.0	-7.2	30.0
n-Decane	Ave	0.7442	0.7622		10.2	10.0	2.4	30.0
1,3,5-Trimethylbenzene	Ave	1.068	0.9878		9.25	10.0	-7.5	30.0
Alpha Methyl Styrene	Ave	0.5497	0.5350		9.73	10.0	-2.7	30.0
tert-Butylbenzene	Ave	0.9778	0.8953		9.15	10.0	-8.4	30.0
1,2,4-Trimethylbenzene	Ave	1.066	1.008		9.46	10.0	-5.4	30.0
sec-Butylbenzene	Ave	1.608	1.500		9.33	10.0	-6.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Lab Sample ID: CCVIS 200-145426/2 Calibration Date: 07/24/2019 11:24

Instrument ID: CHG.i Calib Start Date: 06/24/2019 18:57

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/25/2019 02:32

Lab File ID: 200-368922-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.260	1.187		9.42	10.0	-5.8	30.0
1,3-Dichlorobenzene	Ave	0.8352	0.7920		9.48	10.0	-5.2	30.0
1,4-Dichlorobenzene	Ave	0.8499	0.7990		9.40	10.0	-6.0	30.0
Benzyl chloride	Ave	1.059	1.035		9.76	10.0	-2.3	30.0
n-Butylbenzene	Ave	1.328	1.307		9.84	10.0	-1.6	30.0
n-Undecane	Ave	0.7339	0.8324		11.3	10.0	13.4	30.0
1,2-Dichlorobenzene	Ave	0.8215	0.7610		9.26	10.0	-7.4	30.0
n-Dodecane	Ave	0.6227	0.7212		11.6	10.0	15.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5372	0.5682		10.6	10.0	5.8	30.0
Hexachlorobutadiene	Ave	0.5664	0.5208		9.19	10.0	-8.0	30.0
Naphthalene	Ave	1.078	1.224		11.4	10.0	13.6	30.0
1,2,3-Trichlorobenzene	Ave	0.4391	0.4864		11.1	10.0	10.8	30.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-145426/5

Matrix: Air Lab File ID: 200-368922-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/24/2019 14:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	
74-87-3	Chloromethane	0.50	U	0.50	
75-01-4	Vinyl chloride	0.20	U	0.20	
106-99-0	1,3-Butadiene	0.20	U	0.20	
74-83-9	Bromomethane	0.20	U	0.20	
75-00-3	Chloroethane	0.50	U	0.50	
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	
75-69-4	Trichlorofluoromethane	0.20	U	0.20	
76-13-1	Freon TF	0.20	U	0.20	
75-35-4	1,1-Dichloroethene	0.20	U	0.20	
67-64-1	Acetone	5.0	U	5.0	
75-15-0	Carbon disulfide	0.50	U	0.50	
64-17-5	Ethanol	5.0	U	5.0	
107-05-1	3-Chloropropene	0.50	U	0.50	
75-09-2	Methylene Chloride	0.50	U	0.50	
75-65-0	tert-Butyl alcohol	5.0	U	5.0	
67-63-0	Isopropyl alcohol	5.0	U	5.0	
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	
110-54-3	n-Hexane	0.20	U	0.20	
75-34-3	1,1-Dichloroethane	0.20	U	0.20	
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	
67-66-3	Chloroform	0.20	U	0.20	
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	
110-82-7	Cyclohexane	0.20	U	0.20	
56-23-5	Carbon tetrachloride	0.20	U	0.20	
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	
71-43-2	Benzene	0.20	U	0.20	
107-06-2	1,2-Dichloroethane	0.20	U	0.20	
142-82-5	n-Heptane	0.20	U	0.20	
79-01-6	Trichloroethene	0.20	U	0.20	
78-87-5	1,2-Dichloropropane	0.20	U	0.20	
109-99-9	Tetrahydrofuran	5.0	U	5.0	
75-27-4	Bromodichloromethane	0.20	U	0.20	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-145426/5

Matrix: Air Lab File ID: 200-368922-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/24/2019 14:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	
108-10-1	methyl isobutyl ketone	0.50	U	0.50	
108-88-3	Toluene	0.20	U	0.20	
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	
127-18-4	Tetrachloroethene	0.20	U	0.20	
124-48-1	Dibromochloromethane	0.20	U	0.20	
106-93-4	1,2-Dibromoethane	0.20	U	0.20	
80-62-6	Methyl methacrylate	0.50	U	0.50	
108-90-7	Chlorobenzene	0.20	U	0.20	
123-91-1	1,4-Dioxane	5.0	U	5.0	
100-41-4	Ethylbenzene	0.20	U	0.20	
179601-23-1	m,p-Xylene	0.50	U	0.50	
95-47-6	Xylene, o-	0.20	U	0.20	
100-42-5	Styrene	0.20	U	0.20	
75-25-2	Bromoform	0.20	U	0.20	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	
622-96-8	4-Ethyltoluene	0.20	U	0.20	
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	
95-49-8	2-Chlorotoluene	0.20	U	0.20	
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	
87-68-3	Hexachlorobutadiene	0.20	U	0.20	
91-20-3	Naphthalene	0.50	U	0.50	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-145426/5

Matrix: Air Lab File ID: 200-368922-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/24/2019 14:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-145426/3

Matrix: Air Lab File ID: 200-368922-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/24/2019 12:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
75-71-8	Dichlorodifluoromethane	10.5		0.50	
76-14-2	1,2-Dichlorotetrafluoroethane	10.1		0.20	
74-87-3	Chloromethane	11.1		0.50	
75-01-4	Vinyl chloride	10.0		0.20	
106-99-0	1,3-Butadiene	9.76		0.20	
74-83-9	Bromomethane	9.04		0.20	
75-00-3	Chloroethane	9.26		0.50	
593-60-2	Bromoethene(Vinyl Bromide)	8.65		0.20	
75-69-4	Trichlorofluoromethane	8.88		0.20	
76-13-1	Freon TF	9.02		0.20	
75-35-4	1,1-Dichloroethene	9.09		0.20	
67-64-1	Acetone	9.53		5.0	
75-15-0	Carbon disulfide	9.98		0.50	
64-17-5	Ethanol	14.8		5.0	
107-05-1	3-Chloropropene	7.68		0.50	
75-09-2	Methylene Chloride	9.55		0.50	
75-65-0	tert-Butyl alcohol	10.5		5.0	
67-63-0	Isopropyl alcohol	11.4		5.0	
1634-04-4	Methyl tert-butyl ether	9.12		0.20	
156-60-5	trans-1,2-Dichloroethene	9.80		0.20	
110-54-3	n-Hexane	9.39		0.20	
75-34-3	1,1-Dichloroethane	9.60		0.20	
78-93-3	Methyl Ethyl Ketone	9.24		0.50	
156-59-2	cis-1,2-Dichloroethene	9.29		0.20	
67-66-3	Chloroform	9.31		0.20	
71-55-6	1,1,1-Trichloroethane	9.42		0.20	
110-82-7	Cyclohexane	9.02		0.20	
56-23-5	Carbon tetrachloride	9.44		0.20	
540-84-1	2,2,4-Trimethylpentane	9.55		0.20	
71-43-2	Benzene	8.12		0.20	
107-06-2	1,2-Dichloroethane	8.11		0.20	
142-82-5	n-Heptane	9.91		0.20	
79-01-6	Trichloroethene	9.40		0.20	
78-87-5	1,2-Dichloropropane	8.51		0.20	
109-99-9	Tetrahydrofuran	9.94		5.0	
75-27-4	Bromodichloromethane	9.40		0.20	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-145426/3

Matrix: Air Lab File ID: 200-368922-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/24/2019 12:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 145426 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
10061-01-5	cis-1,3-Dichloropropene	8.57		0.20	
108-10-1	methyl isobutyl ketone	10.7		0.50	
108-88-3	Toluene	8.71		0.20	
10061-02-6	trans-1,3-Dichloropropene	8.37		0.20	
79-00-5	1,1,2-Trichloroethane	8.92		0.20	
127-18-4	Tetrachloroethene	9.16		0.20	
124-48-1	Dibromochloromethane	8.79		0.20	
106-93-4	1,2-Dibromoethane	8.90		0.20	
80-62-6	Methyl methacrylate	9.86		0.50	
108-90-7	Chlorobenzene	8.73		0.20	
123-91-1	1,4-Dioxane	12.6		5.0	
100-41-4	Ethylbenzene	8.93		0.20	
179601-23-1	m,p-Xylene	18.2		0.50	
95-47-6	Xylene, o-	9.18		0.20	
100-42-5	Styrene	9.23		0.20	
75-25-2	Bromoform	8.53		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	9.32		0.20	
622-96-8	4-Ethyltoluene	9.29		0.20	
108-67-8	1,3,5-Trimethylbenzene	9.18		0.20	
95-49-8	2-Chlorotoluene	9.15		0.20	
95-63-6	1,2,4-Trimethylbenzene	9.47		0.20	
541-73-1	1,3-Dichlorobenzene	9.14		0.20	
106-46-7	1,4-Dichlorobenzene	8.97		0.20	
95-50-1	1,2-Dichlorobenzene	9.03		0.20	
120-82-1	1,2,4-Trichlorobenzene	10.4		0.50	
87-68-3	Hexachlorobutadiene	9.09		0.20	
91-20-3	Naphthalene	11.4		0.50	

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Start Date: 06/24/2019 16:32

Analysis Batch Number: 144428 End Date: 06/25/2019 05:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-144428/1		06/24/2019 16:32	1	200-36487-001.D	RTX-624 0.32(mm)
IC 200-144428/4		06/24/2019 18:57	1	200-36487-004.D	RTX-624 0.32(mm)
IC 200-144428/5		06/24/2019 19:47	1	200-36487-005.D	RTX-624 0.32(mm)
IC 200-144428/6		06/24/2019 20:38	1	200-36487-006.D	RTX-624 0.32(mm)
IC 200-144428/7		06/24/2019 21:29	1	200-36487-007.D	RTX-624 0.32(mm)
ICIS 200-144428/8		06/24/2019 22:19	1	200-36487-008.D	RTX-624 0.32(mm)
IC 200-144428/9		06/24/2019 23:09	1	200-36487-009.D	RTX-624 0.32(mm)
IC 200-144428/12		06/25/2019 01:41	1	200-36487-012.D	RTX-624 0.32(mm)
IC 200-144428/13		06/25/2019 02:32	1	200-36487-013.D	RTX-624 0.32(mm)
ICV 200-144428/16		06/25/2019 05:04	1	200-36487-016.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-49721-1

SDG No.:

Instrument ID: CHG.i Start Date: 07/24/2019 10:25

Analysis Batch Number: 145426 End Date: 07/25/2019 09:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-145426/1		07/24/2019 10:25	1	200-36922-001.D	RTX-624 0.32(mm)
CCVIS 200-145426/2		07/24/2019 11:24	1	200-368922-002.D	RTX-624 0.32(mm)
LCS 200-145426/3		07/24/2019 12:16	1	200-368922-003.D	RTX-624 0.32(mm)
ZZZZZ		07/24/2019 13:09	1		RTX-624 0.32(mm)
MB 200-145426/5		07/24/2019 14:01	1	200-368922-005.D	RTX-624 0.32(mm)
ZZZZZ		07/24/2019 14:54	4		RTX-624 0.32(mm)
ZZZZZ		07/24/2019 15:47	1		RTX-624 0.32(mm)
ZZZZZ		07/24/2019 16:42	1		RTX-624 0.32(mm)
ZZZZZ		07/24/2019 17:34	20		RTX-624 0.32(mm)
ZZZZZ		07/24/2019 18:27	10		RTX-624 0.32(mm)
ZZZZZ		07/24/2019 19:19	9.97		RTX-624 0.32(mm)
ZZZZZ		07/24/2019 20:12	30.1		RTX-624 0.32(mm)
ZZZZZ		07/24/2019 21:04	30.4		RTX-624 0.32(mm)
200-49721-1		07/24/2019 21:57	10	200-368922-014.D	RTX-624 0.32(mm)
200-49721-2		07/24/2019 22:49	10	200-368922-015.D	RTX-624 0.32(mm)
200-49721-3		07/24/2019 23:42	10	200-368922-016.D	RTX-624 0.32(mm)
200-49721-4		07/25/2019 00:34	10	200-368922-017.D	RTX-624 0.32(mm)
ZZZZZ		07/25/2019 01:26	1		RTX-624 0.32(mm)
ZZZZZ		07/25/2019 02:19	1		RTX-624 0.32(mm)
ZZZZZ		07/25/2019 03:11	1		RTX-624 0.32(mm)
ZZZZZ		07/25/2019 04:03	1		RTX-624 0.32(mm)
ZZZZZ		07/25/2019 04:56	1		RTX-624 0.32(mm)
ZZZZZ		07/25/2019 05:49	1		RTX-624 0.32(mm)
ZZZZZ		07/25/2019 06:41	10		RTX-624 0.32(mm)
ZZZZZ		07/25/2019 07:34	10		RTX-624 0.32(mm)
ZZZZZ		07/25/2019 09:57	0.2		RTX-624 0.32(mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-49721-1

SDG No.:

Batch Number: 144428 Batch Start Date: 06/24/19 16:32 Batch Analyst: Desjardins, William R

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialPressure	FinalPressure	InitialAmount	FinalAmount	ATTO15CAL1w 00203	ATTO15CAL2w 00278
BFB 200-144428/1		TO-15		1	1	200 mL	200 mL		
IC 200-144428/4		TO-15		1	1	200 mL	200 mL	35 mL	
IC 200-144428/5		TO-15		1	1	200 mL	200 mL	200 mL	
IC 200-144428/6		TO-15		1	1	200 mL	200 mL		200 mL
IC 200-144428/7		TO-15		1	1	200 mL	200 mL		
ICIS 200-144428/8		TO-15		1	1	200 mL	200 mL		
IC 200-144428/9		TO-15		1	1	200 mL	200 mL		
IC 200-144428/12		TO-15		1	1	200 mL	200 mL		
IC 200-144428/13		TO-15		1	1	200 mL	200 mL		
ICV 200-144428/16		TO-15		1	1	200 mL	200 mL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL3w 00213	ATTO15CAL4w 00728	ATTO15CAL5w 00085	ATTO15CAL6w 00165	ATTO15CAL7w 00087	ATTO15GIS 00015
BFB 200-144428/1		TO-15							20 mL
IC 200-144428/4		TO-15							20 mL
IC 200-144428/5		TO-15							20 mL
IC 200-144428/6		TO-15							20 mL
IC 200-144428/7		TO-15		200 mL					20 mL
ICIS 200-144428/8		TO-15			200 mL				20 mL
IC 200-144428/9		TO-15				200 mL			20 mL
IC 200-144428/12		TO-15					200 mL		20 mL
IC 200-144428/13		TO-15						200 mL	20 mL
ICV 200-144428/16		TO-15							20 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15LCSW 00797

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-49721-1

SDG No.:

Batch Number: 144428 Batch Start Date: 06/24/19 16:32 Batch Analyst: Desjardins, William R

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15LCSW 00797					
BFB 200-144428/1		TO-15							
IC 200-144428/4		TO-15							
IC 200-144428/5		TO-15							
IC 200-144428/6		TO-15							
IC 200-144428/7		TO-15							
ICIS 200-144428/8		TO-15							
IC 200-144428/9		TO-15							
IC 200-144428/12		TO-15							
IC 200-144428/13		TO-15							
ICV 200-144428/16		TO-15		200 mm					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-49721-1

SDG No.:

Batch Number: 145426 Batch Start Date: 07/24/19 10:25 Batch Analyst: Puangmalee, Kesanee 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialPressure	FinalPressure	InitialAmount	FinalAmount	ATTO15CAL4w 00728	ATTO15GIS 00015
BFB 200-145426/1		TO-15		1	1	200 mL	200 mL		20 mL
CCVIS 200-145426/2		TO-15		1	1	200 mL	200 mL	200 mL	20 mL
LCS 200-145426/3		TO-15		1	1	200 mL	200 mL		20 mL
MB 200-145426/5		TO-15		1	1	200 mL	200 mL		20 mL
200-49721-A-1	SV-1	TO-15	T	1	1	20 mL	200 mL		20 mL
200-49721-A-2	SV-2	TO-15	T	1	1	20 mL	200 mL		20 mL
200-49721-A-3	SV-3	TO-15	T	1	1	20 mL	200 mL		20 mL
200-49721-A-4	SV-4	TO-15	T	1	1	20 mL	200 mL		20 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15LCSW 00797					
BFB 200-145426/1		TO-15							
CCVIS 200-145426/2		TO-15							
LCS 200-145426/3		TO-15		200 mL					
MB 200-145426/5		TO-15							
200-49721-A-1	SV-1	TO-15	T						
200-49721-A-2	SV-2	TO-15	T						
200-49721-A-3	SV-3	TO-15	T						
200-49721-A-4	SV-4	TO-15	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (℃)	Pressure Gauge ID	Analyst
200-49721	07/23/19	13:09	29.8	22.0	G17	SML

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-49721-A-1	6444	-6.1	N	4626	83/2	Y	6444-36556	
200-49721-A-2	3329	-6.8	N	6101	83/2	Y	6320-36036	
200-49721-A-3	6384	-5.9	N	4698	83/2	Y	3691-36646	
200-49721-A-4	4651	-3.4	N	5326	82/200	Y	3691-36646	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

ANALYTICAL REPORT

Lab Number:	L1941489
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Fuad Duhan
Phone:	(973) 808-9050
Project Name:	500 MAIN ST.
Project Number:	10637
Report Date:	10/18/19

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: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1941489-01	SB-27 (5-5.5)	SOIL	NEW ROCHELLE, NY	09/11/19 13:20	09/11/19
L1941489-02	SB-28 (5-5.5)	SOIL	NEW ROCHELLE, NY	09/11/19 13:45	09/11/19
L1941489-03	SB-29 (7-7.5)	SOIL	NEW ROCHELLE, NY	09/11/19 14:10	09/11/19
L1941489-04	SB-26 (7.5-8)	SOIL	NEW ROCHELLE, NY	09/11/19 13:00	09/11/19

Project Name:	500 MAIN ST.	**Lab Number:**	L1941489
Project Number:	10637	**Report Date:**	10/18/19

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: 500 MAIN ST. **Lab Number:** L1941489
Project Number: 10637 **Report Date:** 10/18/19

Case Narrative (continued)

Report Submission

October 18, 2019: This final report includes the results of all requested analyses.

September 18, 2019: This is a preliminary report.

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

Volatile Organics

L1941489-03 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies. Further re-analysis could not be performed due to the existing vials being compromised.

Semivolatile Organics

The WG1283635-2 LCS recovery, associated with L1941489-01 through -04, is below the acceptance criteria for 2,4-dinitrophenol (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L1941489-01 through -04: 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.

Cyanide, Total

The WG1283245-3 LCSD recovery (70%), associated with L1941489-01 through -04, is 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: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative Date: 10/18/19

ORGANICS

VOLATILES

Project Name: 500 MAIN ST.
Lab Number: L1941489
Project Number: 10637
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01
Client ID: SB-27 (5-5.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:20
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/16/19 21:48
Analyst: NLK
Percent Solids: 70%

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	ND		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	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	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	0.31	J	ug/kg	2.0	0.18	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01 Date Collected: 09/11/19 13:20

Client ID: SB-27 (5-5.5) Date Received: 09/11/19

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	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	0.94	J	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	0.31	J	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	160		ug/kg	13	6.4	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	0.27	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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01 Date Collected: 09/11/19 13:20

Client ID: SB-27 (5-5.5) Date Received: 09/11/19

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	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.26	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	0.51	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						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	94		70-130

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02
Client ID: SB-28 (5-5.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:45
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/16/19 22:14
Analyst: NLK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	0.36	J	ug/kg	1.5	0.14	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02 Date Collected: 09/11/19 13:45

Client ID: SB-28 (5-5.5) Date Received: 09/11/19

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	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	0.83	J	ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	0.36	J	ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	180		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	9.9	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	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	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	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02 Date Collected: 09/11/19 13:45

Client ID: SB-28 (5-5.5) Date Received: 09/11/19

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	0.99	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	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	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	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	96		70-130

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03
Client ID: SB-29 (7-7.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:10
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/16/19 22:39
Analyst: NLK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	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	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	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	0.99	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	4.0	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	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	0.43	J	ug/kg	1.5	0.14	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03 Date Collected: 09/11/19 14:10

Client ID: SB-29 (7-7.5) Date Received: 09/11/19

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	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	0.80	J	ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	0.43	J	ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	420	E	ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	3.3	J	ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	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	0.99	0.28	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	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	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	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03 Date Collected: 09/11/19 14:10

Client ID: SB-29 (7-7.5) Date Received: 09/11/19

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	0.99	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	79	35.	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	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2.23	J	ug/kg			1
Unknown	2.23	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	95		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03 Date Collected: 09/11/19 14:10
Client ID: SB-29 (7-7.5) Date Received: 09/11/19
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/17/19 17:46
Analyst: NLK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	270	120	1
1,1-Dichloroethane	ND		ug/kg	54	7.9	1
Chloroform	ND		ug/kg	81	7.6	1
Carbon tetrachloride	ND		ug/kg	54	12.	1
1,2-Dichloropropane	ND		ug/kg	54	6.8	1
Dibromochloromethane	ND		ug/kg	54	7.6	1
1,1,2-Trichloroethane	ND		ug/kg	54	14.	1
Tetrachloroethene	ND		ug/kg	27	11.	1
Chlorobenzene	ND		ug/kg	27	6.9	1
Trichlorofluoromethane	ND		ug/kg	220	38.	1
1,2-Dichloroethane	ND		ug/kg	54	14.	1
1,1,1-Trichloroethane	ND		ug/kg	27	9.1	1
Bromodichloromethane	ND		ug/kg	27	5.9	1
trans-1,3-Dichloropropene	ND		ug/kg	54	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	27	8.6	1
1,3-Dichloropropene, Total	ND		ug/kg	27	8.6	1
1,1-Dichloropropene	ND		ug/kg	27	8.6	1
Bromoform	ND		ug/kg	220	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	27	9.0	1
Benzene	ND		ug/kg	27	9.0	1
Toluene	ND		ug/kg	54	29.	1
Ethylbenzene	ND		ug/kg	54	7.6	1
Chloromethane	ND		ug/kg	220	50.	1
Bromomethane	ND		ug/kg	110	32.	1
Vinyl chloride	ND		ug/kg	54	18.	1
Chloroethane	ND		ug/kg	110	24.	1
1,1-Dichloroethene	ND		ug/kg	54	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	81	7.4	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03 Date Collected: 09/11/19 14:10

Client ID: SB-29 (7-7.5) Date Received: 09/11/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	27	7.4	1
1,2-Dichlorobenzene	ND		ug/kg	110	7.8	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.0	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.3	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	ND		ug/kg	110	30.	1
o-Xylene	ND		ug/kg	54	16.	1
Xylenes, Total	ND		ug/kg	54	16.	1
cis-1,2-Dichloroethene	ND		ug/kg	54	9.5	1
1,2-Dichloroethene, Total	ND		ug/kg	54	7.4	1
Dibromomethane	ND		ug/kg	110	13.	1
Styrene	ND		ug/kg	54	11.	1
Dichlorodifluoromethane	ND		ug/kg	540	50.	1
Acetone	ND		ug/kg	540	260	1
Carbon disulfide	ND		ug/kg	540	250	1
2-Butanone	ND		ug/kg	540	120	1
Vinyl acetate	ND		ug/kg	540	120	1
4-Methyl-2-pentanone	ND		ug/kg	540	69.	1
1,2,3-Trichloropropane	ND		ug/kg	110	6.9	1
2-Hexanone	ND		ug/kg	540	64.	1
Bromochloromethane	ND		ug/kg	110	11.	1
2,2-Dichloropropane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	54	15.	1
1,3-Dichloropropane	ND		ug/kg	110	9.1	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	27	7.2	1
Bromobenzene	ND		ug/kg	110	7.9	1
n-Butylbenzene	ND		ug/kg	54	9.1	1
sec-Butylbenzene	ND		ug/kg	54	7.9	1
tert-Butylbenzene	ND		ug/kg	110	6.4	1
o-Chlorotoluene	ND		ug/kg	110	10.	1
p-Chlorotoluene	ND		ug/kg	110	5.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	54.	1
Hexachlorobutadiene	ND		ug/kg	220	9.2	1
Isopropylbenzene	ND		ug/kg	54	5.9	1
p-Isopropyltoluene	ND		ug/kg	54	5.9	1
Naphthalene	ND		ug/kg	220	35.	1
Acrylonitrile	ND		ug/kg	220	62.	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03 Date Collected: 09/11/19 14:10

Client ID: SB-29 (7-7.5) Date Received: 09/11/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	54	9.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
1,3,5-Trimethylbenzene	ND		ug/kg	110	10.	1
1,2,4-Trimethylbenzene	ND		ug/kg	110	18.	1
1,4-Dioxane	ND		ug/kg	4300	1900	1
p-Diethylbenzene	ND		ug/kg	110	9.6	1
p-Ethyltoluene	ND		ug/kg	110	21.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	110	10.	1
Ethyl ether	ND		ug/kg	110	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	270	77.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	92		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04 Date Collected: 09/11/19 13:00
Client ID: SB-26 (7.5-8) Date Received: 09/11/19
Sample Location: NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/16/19 23:04
Analyst: NLK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	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	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	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	0.99	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	4.0	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	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	0.57	J	ug/kg	1.5	0.14	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04 Date Collected: 09/11/19 13:00

Client ID: SB-26 (7.5-8) Date Received: 09/11/19

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	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	0.90	J	ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	0.57	J	ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	210		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	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	0.99	0.28	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	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	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	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04 Date Collected: 09/11/19 13:00

Client ID: SB-26 (7.5-8) Date Received: 09/11/19

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	0.99	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	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	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	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	95		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/16/19 19:41
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1285038-5					
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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/16/19 19:41
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1285038-5					
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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/16/19 19:41
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1285038-5					
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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/16/19 19:41
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1285038-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	91		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/17/19 16:55
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1285570-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/17/19 16:55
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1285570-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/17/19 16:55
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1285570-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/17/19 16:55
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1285570-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1285038-3 WG1285038-4								
Methylene chloride	92		94		70-130	2		30
1,1-Dichloroethane	88		88		70-130	0		30
Chloroform	97		97		70-130	0		30
Carbon tetrachloride	87		89		70-130	2		30
1,2-Dichloropropane	94		93		70-130	1		30
Dibromochloromethane	90		91		70-130	1		30
1,1,2-Trichloroethane	92		92		70-130	0		30
Tetrachloroethene	95		94		70-130	1		30
Chlorobenzene	90		90		70-130	0		30
Trichlorofluoromethane	76		76		70-139	0		30
1,2-Dichloroethane	90		91		70-130	1		30
1,1,1-Trichloroethane	88		88		70-130	0		30
Bromodichloromethane	90		90		70-130	0		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
1,1-Dichloropropene	90		91		70-130	1		30
Bromoform	92		93		70-130	1		30
1,1,2,2-Tetrachloroethane	86		87		70-130	1		30
Benzene	93		94		70-130	1		30
Toluene	91		91		70-130	0		30
Ethylbenzene	91		92		70-130	1		30
Chloromethane	84		82		52-130	2		30
Bromomethane	86		85		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1285038-3 WG1285038-4								
Vinyl chloride	74		74		67-130	0		30
Chloroethane	81		81		50-151	0		30
1,1-Dichloroethene	86		86		65-135	0		30
trans-1,2-Dichloroethene	92		91		70-130	1		30
Trichloroethene	91		92		70-130	1		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	94		93		70-130	1		30
1,4-Dichlorobenzene	96		97		70-130	1		30
Methyl tert butyl ether	87		88		66-130	1		30
p/m-Xylene	94		94		70-130	0		30
o-Xylene	94		94		70-130	0		30
cis-1,2-Dichloroethene	93		93		70-130	0		30
Dibromomethane	92		94		70-130	2		30
Styrene	96		98		70-130	2		30
Dichlorodifluoromethane	70		69		30-146	1		30
Acetone	91		86		54-140	6		30
Carbon disulfide	86		86		59-130	0		30
2-Butanone	71		73		70-130	3		30
Vinyl acetate	83		85		70-130	2		30
4-Methyl-2-pentanone	96		94		70-130	2		30
1,2,3-Trichloropropane	82		85		68-130	4		30
2-Hexanone	88		90		70-130	2		30
Bromochloromethane	95		95		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1285038-3 WG1285038-4								
2,2-Dichloropropane	88		87		70-130	1		30
1,2-Dibromoethane	93		94		70-130	1		30
1,3-Dichloropropane	89		89		69-130	0		30
1,1,1,2-Tetrachloroethane	92		92		70-130	0		30
Bromobenzene	91		92		70-130	1		30
n-Butylbenzene	89		89		70-130	0		30
sec-Butylbenzene	88		88		70-130	0		30
tert-Butylbenzene	89		89		70-130	0		30
o-Chlorotoluene	97		97		70-130	0		30
p-Chlorotoluene	89		89		70-130	0		30
1,2-Dibromo-3-chloropropane	94		93		68-130	1		30
Hexachlorobutadiene	94		95		67-130	1		30
Isopropylbenzene	88		88		70-130	0		30
p-Isopropyltoluene	91		91		70-130	0		30
Naphthalene	91		94		70-130	3		30
Acrylonitrile	90		92		70-130	2		30
n-Propylbenzene	89		88		70-130	1		30
1,2,3-Trichlorobenzene	98		99		70-130	1		30
1,2,4-Trichlorobenzene	100		100		70-130	0		30
1,3,5-Trimethylbenzene	90		90		70-130	0		30
1,2,4-Trimethylbenzene	91		91		70-130	0		30
1,4-Dioxane	95		95		65-136	0		30
p-Diethylbenzene	93		93		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1285038-3 WG1285038-4								
p-Ethyltoluene	91		91		70-130	0		30
1,2,4,5-Tetramethylbenzene	93		93		70-130	0		30
Ethyl ether	86		87		67-130	1		30
trans-1,4-Dichloro-2-butene	76		82		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		87		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1285570-3 WG1285570-4								
Methylene chloride	96		95		70-130	1		30
1,1-Dichloroethane	92		91		70-130	1		30
Chloroform	102		100		70-130	2		30
Carbon tetrachloride	94		92		70-130	2		30
1,2-Dichloropropane	98		97		70-130	1		30
Dibromochloromethane	95		93		70-130	2		30
1,1,2-Trichloroethane	94		91		70-130	3		30
Tetrachloroethene	100		98		70-130	2		30
Chlorobenzene	93		93		70-130	0		30
Trichlorofluoromethane	82		82		70-139	0		30
1,2-Dichloroethane	96		95		70-130	1		30
1,1,1-Trichloroethane	93		93		70-130	0		30
Bromodichloromethane	95		94		70-130	1		30
trans-1,3-Dichloropropene	93		92		70-130	1		30
cis-1,3-Dichloropropene	101		99		70-130	2		30
1,1-Dichloropropene	93		94		70-130	1		30
Bromoform	96		95		70-130	1		30
1,1,2,2-Tetrachloroethane	90		86		70-130	5		30
Benzene	97		95		70-130	2		30
Toluene	93		92		70-130	1		30
Ethylbenzene	94		94		70-130	0		30
Chloromethane	90		89		52-130	1		30
Bromomethane	87		87		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1285570-3 WG1285570-4								
Vinyl chloride	81		78		67-130	4		30
Chloroethane	81		82		50-151	1		30
1,1-Dichloroethene	90		88		65-135	2		30
trans-1,2-Dichloroethene	95		95		70-130	0		30
Trichloroethene	96		94		70-130	2		30
1,2-Dichlorobenzene	95		95		70-130	0		30
1,3-Dichlorobenzene	96		95		70-130	1		30
1,4-Dichlorobenzene	99		99		70-130	0		30
Methyl tert butyl ether	93		90		66-130	3		30
p/m-Xylene	96		97		70-130	1		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	97		97		70-130	0		30
Dibromomethane	98		98		70-130	0		30
Styrene	101		100		70-130	1		30
Dichlorodifluoromethane	82		81		30-146	1		30
Acetone	96		88		54-140	9		30
Carbon disulfide	89		88		59-130	1		30
2-Butanone	77		75		70-130	3		30
Vinyl acetate	88		84		70-130	5		30
4-Methyl-2-pentanone	101		96		70-130	5		30
1,2,3-Trichloropropane	87		84		68-130	4		30
2-Hexanone	90		88		70-130	2		30
Bromochloromethane	102		100		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1285570-3 WG1285570-4								
2,2-Dichloropropane	92		92		70-130	0		30
1,2-Dibromoethane	97		94		70-130	3		30
1,3-Dichloropropane	92		90		69-130	2		30
1,1,1,2-Tetrachloroethane	96		96		70-130	0		30
Bromobenzene	94		94		70-130	0		30
n-Butylbenzene	90		91		70-130	1		30
sec-Butylbenzene	90		90		70-130	0		30
tert-Butylbenzene	92		91		70-130	1		30
o-Chlorotoluene	99		93		70-130	6		30
p-Chlorotoluene	90		88		70-130	2		30
1,2-Dibromo-3-chloropropane	100		96		68-130	4		30
Hexachlorobutadiene	95		96		67-130	1		30
Isopropylbenzene	90		90		70-130	0		30
p-Isopropyltoluene	93		93		70-130	0		30
Naphthalene	97		92		70-130	5		30
Acrylonitrile	101		97		70-130	4		30
n-Propylbenzene	89		89		70-130	0		30
1,2,3-Trichlorobenzene	101		98		70-130	3		30
1,2,4-Trichlorobenzene	103		100		70-130	3		30
1,3,5-Trimethylbenzene	92		91		70-130	1		30
1,2,4-Trimethylbenzene	94		93		70-130	1		30
1,4-Dioxane	102		95		65-136	7		30
p-Diethylbenzene	96		95		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1285570-3 WG1285570-4								
p-Ethyltoluene	93		92		70-130	1		30
1,2,4,5-Tetramethylbenzene	96		95		70-130	1		30
Ethyl ether	89		88		67-130	1		30
trans-1,4-Dichloro-2-butene	85		82		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		87		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	99		98		70-130

SEMIVOLATILES

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01
Client ID: SB-27 (5-5.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:20
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/17/19 19:25
Analyst: CB
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 19:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	27.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	42.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	41.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	47.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	80	J	ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	81.	1
Butyl benzyl phthalate	ND		ug/kg	230	59.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	80.	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01 Date Collected: 09/11/19 13:20
Client ID: SB-27 (5-5.5) Date Received: 09/11/19
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	230	22.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	59	J	ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	190	57.	1
Benzo(b)fluoranthene	70	J	ug/kg	140	39.	1
Benzo(k)fluoranthene	ND		ug/kg	140	37.	1
Chrysene	48	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	190	36.	1
Anthracene	ND		ug/kg	140	46.	1
Benzo(ghi)perylene	31	J	ug/kg	190	28.	1
Fluorene	ND		ug/kg	230	23.	1
Phenanthrene	73	J	ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	38	J	ug/kg	190	32.	1
Pyrene	70	J	ug/kg	140	23.	1
Biphenyl	ND		ug/kg	530	54.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	97.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	35.	1
2-Chlorophenol	ND		ug/kg	230	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	230	77.	1
2-Nitrophenol	ND		ug/kg	500	88.	1
4-Nitrophenol	ND		ug/kg	330	95.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	37.	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01 Date Collected: 09/11/19 13:20

Client ID: SB-27 (5-5.5) Date Received: 09/11/19

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	230	45.	1
Benzoic Acid	ND		ug/kg	760	240	1
Benzyl Alcohol	ND		ug/kg	230	72.	1
Carbazole	ND		ug/kg	230	23.	1
1,4-Dioxane	ND		ug/kg	35	11.	1
Tentatively Identified Compounds						
Total TIC Compounds	12600	J	ug/kg			1
Unknown	270	J	ug/kg			1
Unknown	1520	J	ug/kg			1
Unknown	3120	J	ug/kg			1
Unknown	6240	J	ug/kg			1
Unknown	1170	J	ug/kg			1
Unknown Organic Acid	282	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	49		18-120

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02
Client ID: SB-28 (5-5.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:45
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/17/19 19:48
Analyst: CB
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 19:21

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	36.	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	ND		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	31.	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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02 Date Collected: 09/11/19 13:45

Client ID: SB-28 (5-5.5) Date Received: 09/11/19

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	ND		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	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	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	ND		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	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	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	76.	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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02 Date Collected: 09/11/19 13:45

Client ID: SB-28 (5-5.5) Date Received: 09/11/19

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	30	9.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	51		18-120

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03
Client ID: SB-29 (7-7.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:10
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/17/19 20:11
Analyst: CB
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 19:21

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	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	220	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	30.	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	21.	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	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03 Date Collected: 09/11/19 14:10

Client ID: SB-29 (7-7.5) Date Received: 09/11/19

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	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	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	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	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03 Date Collected: 09/11/19 14:10

Client ID: SB-29 (7-7.5) Date Received: 09/11/19

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	8.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	59		18-120

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04
Client ID: SB-26 (7.5-8)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:00
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/17/19 20:33
Analyst: CB
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 19:21

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	30.	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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04 Date Collected: 09/11/19 13:00

Client ID: SB-26 (7.5-8) Date Received: 09/11/19

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	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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04 Date Collected: 09/11/19 13:00

Client ID: SB-26 (7.5-8) Date Received: 09/11/19

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	72		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	58		18-120

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/13/19 18:09
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/13/19 05:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1283635-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
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	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	98	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	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	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/13/19 18:09
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/13/19 05:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1283635-1					
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	28.
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	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	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	62.

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/13/19 18:09
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/13/19 05:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1283635-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
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	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
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	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	80		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1283635-2 WG1283635-3								
Acenaphthene	88		86		31-137	2		50
1,2,4-Trichlorobenzene	81		80		38-107	1		50
Hexachlorobenzene	85		86		40-140	1		50
Bis(2-chloroethyl)ether	70		69		40-140	1		50
2-Chloronaphthalene	89		89		40-140	0		50
1,2-Dichlorobenzene	74		72		40-140	3		50
1,3-Dichlorobenzene	73		74		40-140	1		50
1,4-Dichlorobenzene	73		71		28-104	3		50
3,3'-Dichlorobenzidine	82		84		40-140	2		50
2,4-Dinitrotoluene	90		88		40-132	2		50
2,6-Dinitrotoluene	91		92		40-140	1		50
Fluoranthene	83		87		40-140	5		50
4-Chlorophenyl phenyl ether	91		88		40-140	3		50
4-Bromophenyl phenyl ether	91		90		40-140	1		50
Bis(2-chloroisopropyl)ether	59		60		40-140	2		50
Bis(2-chloroethoxy)methane	78		77		40-117	1		50
Hexachlorobutadiene	81		83		40-140	2		50
Hexachlorocyclopentadiene	**21**	Q	**21**	Q	40-140	0		50
Hexachloroethane	63		61		40-140	3		50
Isophorone	85		82		40-140	4		50
Naphthalene	80		79		40-140	1		50
Nitrobenzene	89		87		40-140	2		50
NDPA/DPA	92		91		36-157	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1283635-2 WG1283635-3								
n-Nitrosodi-n-propylamine	84		82		32-121	2		50
Bis(2-ethylhexyl)phthalate	104		105		40-140	1		50
Butyl benzyl phthalate	91		94		40-140	3		50
Di-n-butylphthalate	87		91		40-140	4		50
Di-n-octylphthalate	103		103		40-140	0		50
Diethyl phthalate	92		94		40-140	2		50
Dimethyl phthalate	92		95		40-140	3		50
Benzo(a)anthracene	91		91		40-140	0		50
Benzo(a)pyrene	84		84		40-140	0		50
Benzo(b)fluoranthene	92		94		40-140	2		50
Benzo(k)fluoranthene	84		82		40-140	2		50
Chrysene	86		87		40-140	1		50
Acenaphthylene	91		92		40-140	1		50
Anthracene	84		87		40-140	4		50
Benzo(ghi)perylene	90		92		40-140	2		50
Fluorene	93		92		40-140	1		50
Phenanthrene	82		84		40-140	2		50
Dibenzo(a,h)anthracene	87		91		40-140	4		50
Indeno(1,2,3-cd)pyrene	91		93		40-140	2		50
Pyrene	82		84		35-142	2		50
Biphenyl	92		91		37-127	1		50
4-Chloroaniline	81		77		40-140	5		50
2-Nitroaniline	121		127		47-134	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1283635-2 WG1283635-3								
3-Nitroaniline	114		110		26-129	4		50
4-Nitroaniline	116		109		41-125	6		50
Dibenzofuran	92		89		40-140	3		50
2-Methylnaphthalene	87		86		40-140	1		50
1,2,4,5-Tetrachlorobenzene	88		84		40-117	5		50
Acetophenone	84		83		14-144	1		50
2,4,6-Trichlorophenol	99		100		30-130	1		50
p-Chloro-m-cresol	**104**	Q	101		26-103	3		50
2-Chlorophenol	85		81		25-102	5		50
2,4-Dichlorophenol	95		96		30-130	1		50
2,4-Dimethylphenol	102		99		30-130	3		50
2-Nitrophenol	71		70		30-130	1		50
4-Nitrophenol	112		110		11-114	2		50
2,4-Dinitrophenol	**0**	Q	17		4-130	NC		50
4,6-Dinitro-o-cresol	11		12		10-130	9		50
Pentachlorophenol	98		94		17-109	4		50
Phenol	81		80		26-90	1		50
2-Methylphenol	88		85		30-130.	3		50
3-Methylphenol/4-Methylphenol	83		85		30-130	2		50
2,4,5-Trichlorophenol	104		106		30-130	2		50
Benzoic Acid	60		59		10-110	2		50
Benzyl Alcohol	94		90		40-140	4		50
Carbazole	84		87		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1283635-2 WG1283635-3								
1,4-Dioxane	49		49		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		73		25-120
Phenol-d6	82		78		10-120
Nitrobenzene-d5	90		86		23-120
2-Fluorobiphenyl	85		84		30-120
2,4,6-Tribromophenol	96		93		10-136
4-Terphenyl-d14	75		76		18-120

PCBS

Project Name: 500 MAIN ST.
Lab Number: L1941489
Project Number: 10637
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01
Client ID: SB-27 (5-5.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:20
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/14/19 12:28
Analyst: AWS
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 18:06
Cleanup Method: EPA 3665A
Cleanup Date: 09/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	45.8	4.06	1	A
Aroclor 1221	ND		ug/kg	45.8	4.58	1	A
Aroclor 1232	ND		ug/kg	45.8	9.70	1	A
Aroclor 1242	ND		ug/kg	45.8	6.17	1	A
Aroclor 1248	ND		ug/kg	45.8	6.86	1	A
Aroclor 1254	ND		ug/kg	45.8	5.00	1	A
Aroclor 1260	ND		ug/kg	45.8	8.45	1	A
Aroclor 1262	ND		ug/kg	45.8	5.81	1	A
Aroclor 1268	ND		ug/kg	45.8	4.74	1	A
PCBs, Total	ND		ug/kg	45.8	4.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 500 MAIN ST.
Lab Number: L1941489
Project Number: 10637
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02
Client ID: SB-28 (5-5.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:45
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/14/19 12:40
Analyst: AWS
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 18:06
Cleanup Method: EPA 3665A
Cleanup Date: 09/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.3	3.67	1	A
Aroclor 1221	ND		ug/kg	41.3	4.14	1	A
Aroclor 1232	ND		ug/kg	41.3	8.76	1	A
Aroclor 1242	ND		ug/kg	41.3	5.57	1	A
Aroclor 1248	ND		ug/kg	41.3	6.20	1	A
Aroclor 1254	ND		ug/kg	41.3	4.52	1	A
Aroclor 1260	ND		ug/kg	41.3	7.63	1	A
Aroclor 1262	ND		ug/kg	41.3	5.25	1	A
Aroclor 1268	ND		ug/kg	41.3	4.28	1	A
PCBs, Total	ND		ug/kg	41.3	3.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 500 MAIN ST.
Lab Number: L1941489
Project Number: 10637
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03
Client ID: SB-29 (7-7.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:10
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/14/19 13:46
Analyst: AWS
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 18:06
Cleanup Method: EPA 3665A
Cleanup Date: 09/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.3	3.22	1	A
Aroclor 1221	ND		ug/kg	36.3	3.64	1	A
Aroclor 1232	ND		ug/kg	36.3	7.69	1	A
Aroclor 1242	ND		ug/kg	36.3	4.89	1	A
Aroclor 1248	ND		ug/kg	36.3	5.44	1	A
Aroclor 1254	ND		ug/kg	36.3	3.97	1	A
Aroclor 1260	ND		ug/kg	36.3	6.70	1	A
Aroclor 1262	ND		ug/kg	36.3	4.61	1	A
Aroclor 1268	ND		ug/kg	36.3	3.76	1	A
PCBs, Total	ND		ug/kg	36.3	3.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 500 MAIN ST.
Lab Number: L1941489
Project Number: 10637
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04
Client ID: SB-26 (7.5-8)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:00
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/14/19 13:59
Analyst: AWS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 18:06
Cleanup Method: EPA 3665A
Cleanup Date: 09/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	3.40	1	A
Aroclor 1221	ND		ug/kg	38.2	3.83	1	A
Aroclor 1232	ND		ug/kg	38.2	8.10	1	A
Aroclor 1242	ND		ug/kg	38.2	5.15	1	A
Aroclor 1248	ND		ug/kg	38.2	5.73	1	A
Aroclor 1254	ND		ug/kg	38.2	4.18	1	A
Aroclor 1260	ND		ug/kg	38.2	7.06	1	A
Aroclor 1262	ND		ug/kg	38.2	4.86	1	A
Aroclor 1268	ND		ug/kg	38.2	3.96	1	A
PCBs, Total	ND		ug/kg	38.2	3.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	**29**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/13/19 23:22
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 09/13/19 13:37
Cleanup Method: EPA 3665A
Cleanup Date: 09/13/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1283890-1						
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	58		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	59		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1283890-2 WG1283890-3									
Aroclor 1016	76		82		40-140	8		50	A
Aroclor 1260	76		85		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	A
Decachlorobiphenyl	65		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	B
Decachlorobiphenyl	64		69		30-150	B

PESTICIDES

Project Name: 500 MAIN ST.
Lab Number: L1941489
Project Number: 10637
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01
Client ID: SB-27 (5-5.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:20
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/19 00:25
Analyst: AMC
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 22:01
Cleanup Method: EPA 3620B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.20	0.431	1	A
Lindane	ND		ug/kg	0.917	0.410	1	A
Alpha-BHC	ND		ug/kg	0.917	0.260	1	A
Beta-BHC	ND		ug/kg	2.20	0.835	1	A
Heptachlor	ND		ug/kg	1.10	0.494	1	A
Aldrin	ND		ug/kg	2.20	0.775	1	A
Heptachlor epoxide	ND		ug/kg	4.13	1.24	1	A
Endrin	ND		ug/kg	0.917	0.376	1	A
Endrin aldehyde	ND		ug/kg	2.75	0.963	1	A
Endrin ketone	ND		ug/kg	2.20	0.567	1	A
Dieldrin	ND		ug/kg	1.38	0.688	1	A
4,4'-DDE	ND		ug/kg	2.20	0.509	1	A
4,4'-DDD	ND		ug/kg	2.20	0.785	1	A
4,4'-DDT	ND		ug/kg	4.13	1.77	1	A
Endosulfan I	ND		ug/kg	2.20	0.520	1	A
Endosulfan II	ND		ug/kg	2.20	0.736	1	A
Endosulfan sulfate	ND		ug/kg	0.917	0.437	1	A
Methoxychlor	ND		ug/kg	4.13	1.28	1	A
Toxaphene	ND		ug/kg	41.3	11.6	1	A
cis-Chlordane	ND		ug/kg	2.75	0.767	1	A
trans-Chlordane	ND		ug/kg	2.75	0.726	1	A
Chlordane	ND		ug/kg	17.9	7.29	1	A

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01 Date Collected: 09/11/19 13:20

Client ID: SB-27 (5-5.5) Date Received: 09/11/19

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	39		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	35		30-150	A
Decachlorobiphenyl	30		30-150	A

Project Name: 500 MAIN ST.
Lab Number: L1941489
Project Number: 10637
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02
Client ID: SB-28 (5-5.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:45
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/19 00:38
Analyst: AMC
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 22:01
Cleanup Method: EPA 3620B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.380	1	A
Lindane	ND		ug/kg	0.808	0.361	1	A
Alpha-BHC	ND		ug/kg	0.808	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.736	1	A
Heptachlor	ND		ug/kg	0.970	0.435	1	A
Aldrin	ND		ug/kg	1.94	0.683	1	A
Heptachlor epoxide	ND		ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.808	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.849	1	A
Endrin ketone	ND		ug/kg	1.94	0.500	1	A
Dieldrin	ND		ug/kg	1.21	0.606	1	A
4,4'-DDE	ND		ug/kg	1.94	0.449	1	A
4,4'-DDD	ND		ug/kg	1.94	0.692	1	A
4,4'-DDT	ND		ug/kg	3.64	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.648	1	A
Endosulfan sulfate	ND		ug/kg	0.808	0.385	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.676	1	A
trans-Chlordane	ND		ug/kg	2.42	0.640	1	A
Chlordane	ND		ug/kg	15.8	6.43	1	A

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02 Date Collected: 09/11/19 13:45

Client ID: SB-28 (5-5.5) Date Received: 09/11/19

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	95		30-150	B
Decachlorobiphenyl	128		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: 500 MAIN ST.
Lab Number: L1941489
Project Number: 10637
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03
Client ID: SB-29 (7-7.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:10
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/19 00:51
Analyst: AMC
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 22:01
Cleanup Method: EPA 3620B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.719	0.321	1	A
Alpha-BHC	ND		ug/kg	0.719	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.862	0.387	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.970	1	A
Endrin	ND		ug/kg	0.719	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.755	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	ND		ug/kg	1.72	0.399	1	A
4,4'-DDD	ND		ug/kg	1.72	0.615	1	A
4,4'-DDT	ND		ug/kg	3.23	1.39	1	A
Endosulfan I	ND		ug/kg	1.72	0.408	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.719	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.01	1	A
Toxaphene	ND		ug/kg	32.3	9.06	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.569	1	A
Chlordane	ND		ug/kg	14.0	5.71	1	A

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03 Date Collected: 09/11/19 14:10

Client ID: SB-29 (7-7.5) Date Received: 09/11/19

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	97		30-150	B
Decachlorobiphenyl	131		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	80		30-150	A

Project Name: 500 MAIN ST.
Lab Number: L1941489
Project Number: 10637
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04
Client ID: SB-26 (7.5-8)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:00
Date Received: 09/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/19 01:03
Analyst: AMC
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/13/19 22:01
Cleanup Method: EPA 3620B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.734	0.328	1	A
Alpha-BHC	ND		ug/kg	0.734	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.881	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.620	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.991	1	A
Endrin	ND		ug/kg	0.734	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.770	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	ND		ug/kg	1.76	0.407	1	A
4,4'-DDD	ND		ug/kg	1.76	0.628	1	A
4,4'-DDT	ND		ug/kg	3.30	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.734	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.25	1	A
cis-Chlordane	ND		ug/kg	2.20	0.614	1	A
trans-Chlordane	ND		ug/kg	2.20	0.581	1	A
Chlordane	ND		ug/kg	14.3	5.83	1	A

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04 Date Collected: 09/11/19 13:00

Client ID: SB-26 (7.5-8) Date Received: 09/11/19

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	94		30-150	B
Decachlorobiphenyl	130		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	73		30-150	A

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/17/19 23:48
Analyst: AMC

Extraction Method: EPA 3546
Extraction Date: 09/13/19 22:01
Cleanup Method: EPA 3620B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1284039-1						
Delta-BHC	ND		ug/kg	1.58	0.310	A
Lindane	ND		ug/kg	0.660	0.295	A
Alpha-BHC	ND		ug/kg	0.660	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.601	A
Heptachlor	ND		ug/kg	0.792	0.355	A
Aldrin	ND		ug/kg	1.58	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.891	A
Endrin	ND		ug/kg	0.660	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.693	A
Endrin ketone	ND		ug/kg	1.58	0.408	A
Dieldrin	ND		ug/kg	0.990	0.495	A
4,4'-DDE	ND		ug/kg	1.58	0.366	A
4,4'-DDD	ND		ug/kg	1.58	0.565	A
4,4'-DDT	ND		ug/kg	2.97	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.374	A
Endosulfan II	ND		ug/kg	1.58	0.529	A
Endosulfan sulfate	ND		ug/kg	0.660	0.314	A
Methoxychlor	ND		ug/kg	2.97	0.924	A
Toxaphene	ND		ug/kg	29.7	8.32	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	ND		ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	12.9	5.25	A

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/17/19 23:48
Analyst: AMC

Extraction Method: EPA 3546
Extraction Date: 09/13/19 22:01
Cleanup Method: EPA 3620B
Cleanup Date: 09/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1284039-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	133		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	80		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1284039-2 WG1284039-3									
Delta-BHC	107		107		30-150	0		30	A
Lindane	108		106		30-150	2		30	A
Alpha-BHC	109		108		30-150	1		30	A
Beta-BHC	100		101		30-150	1		30	A
Heptachlor	85		86		30-150	1		30	A
Aldrin	95		94		30-150	1		30	A
Heptachlor epoxide	107		106		30-150	1		30	A
Endrin	110		110		30-150	0		30	A
Endrin aldehyde	88		91		30-150	3		30	A
Endrin ketone	111		113		30-150	2		30	A
Dieldrin	108		108		30-150	0		30	A
4,4'-DDE	98		97		30-150	1		30	A
4,4'-DDD	107		108		30-150	1		30	A
4,4'-DDT	114		114		30-150	0		30	A
Endosulfan I	94		93		30-150	1		30	A
Endosulfan II	105		105		30-150	0		30	A
Endosulfan sulfate	86		91		30-150	6		30	A
Methoxychlor	97		101		30-150	4		30	A
cis-Chlordane	85		87		30-150	2		30	A
trans-Chlordane	106		96		30-150	10		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1284039-2 WG1284039-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		92		30-150	B
Decachlorobiphenyl	125		124		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		81		30-150	A
Decachlorobiphenyl	81		66		30-150	A

METALS

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01 Date Collected: 09/11/19 13:20

Client ID: SB-27 (5-5.5) Date Received: 09/11/19

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

Sample Depth:

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10500		mg/kg	11.1	3.01	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Antimony, Total	3.20	J	mg/kg	5.57	0.424	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Arsenic, Total	8.30		mg/kg	1.11	0.232	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Barium, Total	93.7		mg/kg	1.11	0.194	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Beryllium, Total	0.156	J	mg/kg	0.557	0.037	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Cadmium, Total	0.368	J	mg/kg	1.11	0.109	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Calcium, Total	2060		mg/kg	11.1	3.90	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Chromium, Total	31.3		mg/kg	1.11	0.107	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Cobalt, Total	6.79		mg/kg	2.23	0.185	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Copper, Total	38.2		mg/kg	1.11	0.288	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Iron, Total	18700		mg/kg	5.57	1.01	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Lead, Total	231		mg/kg	5.57	0.299	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Magnesium, Total	2230		mg/kg	11.1	1.72	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Manganese, Total	110		mg/kg	1.11	0.177	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Mercury, Total	2.11		mg/kg	0.089	0.058	1	09/17/19 03:20	09/17/19 17:00	EPA 7471B	1,7471B	GD
Nickel, Total	14.0		mg/kg	2.79	0.270	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Potassium, Total	868		mg/kg	279	16.0	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Selenium, Total	2.81		mg/kg	2.23	0.288	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	1.11	0.315	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Sodium, Total	72.5	J	mg/kg	223	3.51	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	2.23	0.351	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Vanadium, Total	30.2		mg/kg	1.11	0.226	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB
Zinc, Total	95.7		mg/kg	5.57	0.326	2	09/16/19 17:35	09/17/19 17:48	EPA 3050B	1,6010D	AB

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02 Date Collected: 09/11/19 13:45

Client ID: SB-28 (5-5.5) Date Received: 09/11/19

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

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12500		mg/kg	9.75	2.63	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.88	0.371	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Arsenic, Total	1.11		mg/kg	0.975	0.203	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Barium, Total	74.8		mg/kg	0.975	0.170	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.488	0.032	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Cadmium, Total	0.205	J	mg/kg	0.975	0.096	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Calcium, Total	671		mg/kg	9.75	3.41	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Chromium, Total	22.5		mg/kg	0.975	0.094	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Cobalt, Total	7.27		mg/kg	1.95	0.162	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Copper, Total	19.9		mg/kg	0.975	0.252	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Iron, Total	16500		mg/kg	4.88	0.881	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Lead, Total	4.57	J	mg/kg	4.88	0.261	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Magnesium, Total	2430		mg/kg	9.75	1.50	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Manganese, Total	528		mg/kg	0.975	0.155	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.078	0.051	1	09/17/19 03:20	09/17/19 17:02	EPA 7471B	1,7471B	GD
Nickel, Total	16.6		mg/kg	2.44	0.236	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Potassium, Total	2620		mg/kg	244	14.0	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.95	0.252	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.975	0.276	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Sodium, Total	124	J	mg/kg	195	3.07	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.95	0.307	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Vanadium, Total	27.7		mg/kg	0.975	0.198	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB
Zinc, Total	26.5		mg/kg	4.88	0.286	2	09/16/19 17:35	09/17/19 17:52	EPA 3050B	1,6010D	AB

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03 Date Collected: 09/11/19 14:10

Client ID: SB-29 (7-7.5) Date Received: 09/11/19

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

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6520		mg/kg	8.72	2.36	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.36	0.332	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Arsenic, Total	1.33		mg/kg	0.872	0.181	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Barium, Total	40.0		mg/kg	0.872	0.152	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Beryllium, Total	0.035	J	mg/kg	0.436	0.029	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Cadmium, Total	0.218	J	mg/kg	0.872	0.086	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Calcium, Total	842		mg/kg	8.72	3.05	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Chromium, Total	12.4		mg/kg	0.872	0.084	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Cobalt, Total	5.76		mg/kg	1.74	0.145	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Copper, Total	12.5		mg/kg	0.872	0.225	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Iron, Total	13700		mg/kg	4.36	0.788	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Lead, Total	4.48		mg/kg	4.36	0.234	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Magnesium, Total	972		mg/kg	8.72	1.34	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Manganese, Total	375		mg/kg	0.872	0.139	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/17/19 03:20	09/17/19 17:04	EPA 7471B	1,7471B	GD
Nickel, Total	11.5		mg/kg	2.18	0.211	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Potassium, Total	1030		mg/kg	218	12.6	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.74	0.225	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.872	0.247	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Sodium, Total	59.4	J	mg/kg	174	2.75	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.74	0.275	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Vanadium, Total	18.9		mg/kg	0.872	0.177	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB
Zinc, Total	29.8		mg/kg	4.36	0.256	2	09/16/19 17:35	09/17/19 17:57	EPA 3050B	1,6010D	AB

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04 Date Collected: 09/11/19 13:00

Client ID: SB-26 (7.5-8) Date Received: 09/11/19

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

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9520		mg/kg	9.04	2.44	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.52	0.344	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Arsenic, Total	0.651	J	mg/kg	0.904	0.188	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Barium, Total	53.7		mg/kg	0.904	0.157	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.452	0.030	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Cadmium, Total	0.145	J	mg/kg	0.904	0.089	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Calcium, Total	579		mg/kg	9.04	3.16	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Chromium, Total	15.3		mg/kg	0.904	0.087	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Cobalt, Total	5.76		mg/kg	1.81	0.150	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Copper, Total	9.69		mg/kg	0.904	0.233	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Iron, Total	12500		mg/kg	4.52	0.817	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Lead, Total	3.81	J	mg/kg	4.52	0.242	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Magnesium, Total	1760		mg/kg	9.04	1.39	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Manganese, Total	421		mg/kg	0.904	0.144	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.074	0.049	1	09/17/19 03:20	09/17/19 17:06	EPA 7471B	1,7471B	GD
Nickel, Total	12.3		mg/kg	2.26	0.219	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Potassium, Total	1850		mg/kg	226	13.0	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.81	0.233	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.904	0.256	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Sodium, Total	132	J	mg/kg	181	2.85	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.81	0.285	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Vanadium, Total	19.5		mg/kg	0.904	0.184	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB
Zinc, Total	19.9		mg/kg	4.52	0.265	2	09/16/19 17:35	09/17/19 18:01	EPA 3050B	1,6010D	AB

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

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): 01-04 Batch: WG1284726-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Chromium, Total	0.040	J	mg/kg	0.400	0.038	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Iron, Total	0.480	J	mg/kg	2.00	0.361	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/16/19 17:35	09/17/19 17:34	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/16/19 17:35	09/17/19 15:55	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/16/19 17:35	09/17/19 15:55	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): 01-04 Batch: WG1284868-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/17/19 03:20	09/17/19 16:14	1,7471B	GD

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1284726-2 SRM Lot Number: D105-540								
Aluminum, Total	54		-		51-149	-		
Antimony, Total	136		-		19-249	-		
Arsenic, Total	90		-		70-130	-		
Barium, Total	76		-		75-125	-		
Beryllium, Total	79		-		75-125	-		
Cadmium, Total	90		-		75-125	-		
Calcium, Total	82		-		73-127	-		
Chromium, Total	75		-		70-130	-		
Cobalt, Total	86		-		75-125	-		
Copper, Total	76		-		75-125	-		
Iron, Total	63		-		38-162	-		
Lead, Total	82		-		71-128	-		
Magnesium, Total	69		-		63-137	-		
Manganese, Total	86		-		76-124	-		
Nickel, Total	84		-		70-131	-		
Potassium, Total	67		-		60-140	-		
Selenium, Total	88		-		63-137	-		
Silver, Total	80		-		69-131	-		
Sodium, Total	81		-		37-162	-		
Thallium, Total	88		-		68-132	-		
Vanadium, Total	75		-		65-135	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1284726-2 SRM Lot Number: D105-540					
Zinc, Total	85	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1284868-2 SRM Lot Number: D105-540					
Mercury, Total	81	-	60-141	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

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): 01-04 QC Batch ID: WG1284726-3 QC Sample: L1941472-07 Client ID: MS Sample												
Aluminum, Total	552	176	758	117		-	-		75-125	-		20
Antimony, Total	ND	44	43.3	98		-	-		75-125	-		20
Arsenic, Total	1.01	10.6	11.7	101		-	-		75-125	-		20
Barium, Total	4.46	176	174	96		-	-		75-125	-		20
Beryllium, Total	0.017J	4.4	4.19	95		-	-		75-125	-		20
Cadmium, Total	0.078J	4.49	4.32	96		-	-		75-125	-		20
Calcium, Total	314	880	1180	98		-	-		75-125	-		20
Chromium, Total	4.19	17.6	20.0	90		-	-		75-125	-		20
Cobalt, Total	0.424J	44	41.4	94		-	-		75-125	-		20
Copper, Total	5.95	22	23.0	78		-	-		75-125	-		20
Iron, Total	1380	88	1540	**182**	Q	-	-		75-125	-		20
Lead, Total	6.49	44.9	48.6	94		-	-		75-125	-		20
Magnesium, Total	197	880	946	85		-	-		75-125	-		20
Manganese, Total	230	44	99.2	**0**	Q	-	-		75-125	-		20
Nickel, Total	0.589J	44	40.1	91		-	-		75-125	-		20
Potassium, Total	103J	880	931	106		-	-		75-125	-		20
Selenium, Total	0.130J	10.6	10.7	101		-	-		75-125	-		20
Silver, Total	ND	26.4	25.2	95		-	-		75-125	-		20
Sodium, Total	3.54J	880	874	99		-	-		75-125	-		20
Thallium, Total	0.407J	10.6	9.74	92		-	-		75-125	-		20
Vanadium, Total	1.74	44	44.1	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

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): 01-04 QC Batch ID: WG1284726-3 QC Sample: L1941472-07 Client ID: MS Sample										
Zinc, Total	13.2	44	52.4	89		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1284868-3 QC Sample: L1941148-01 Client ID: MS Sample										
Mercury, Total	0.522	0.145	0.732	**145**	Q	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1284726-4 QC Sample: L1941472-07 Client ID: DUP Sample						
Arsenic, Total	1.01	0.946	mg/kg	7		20
Lead, Total	6.49	5.16	mg/kg	**23**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1284868-4 QC Sample: L1941148-01 Client ID: DUP Sample						
Mercury, Total	0.522	0.534	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-01
Client ID: SB-27 (5-5.5)
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 09/11/19 13:20
Date Received: 09/11/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.1		%	0.100	NA	1	-	09/12/19 08:21	121,2540G	RI
Cyanide, Total	0.59	J	mg/kg	1.4	0.30	1	09/12/19 12:30	09/12/19 14:44	1,9010C/9012B	LH

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-02
Client ID: SB-28 (5-5.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:45
Date Received: 09/11/19
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	80.1		%	0.100	NA	1	-	09/12/19 08:21	121,2540G	RI
Cyanide, Total	0.31	J	mg/kg	1.2	0.25	1	09/12/19 12:30	09/12/19 14:45	1,9010C/9012B	LH

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-03
Client ID: SB-29 (7-7.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:10
Date Received: 09/11/19
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	87.5		%	0.100	NA	1	-	09/12/19 08:21	121,2540G	RI
Cyanide, Total	0.27	J	mg/kg	1.1	0.23	1	09/12/19 12:30	09/12/19 14:47	1,9010C/9012B	LH

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1941489-04
Client ID: SB-26 (7.5-8)
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 09/11/19 13:00
Date Received: 09/11/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	09/12/19 08:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	09/12/19 12:30	09/12/19 14:50	1,9010C/9012B	LH

Project Name: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

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): 01-04 Batch: WG1283245-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	09/12/19 12:30	09/12/19 14:37	1,9010C/9012B	LH

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Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1283245-2 WG1283245-3								
Cyanide, Total	80		**70**	Q	80-120	13		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941489
Report Date: 10/18/19

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): 01-04 QC Batch ID: WG1283245-4 WG1283245-5 QC Sample: L1941578-03 Client ID: MS Sample												
Cyanide, Total	ND	10	9.8	98		10	97		75-125	2		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1283194-1 QC Sample: L1941506-01 Client ID: DUP Sample						
Solids, Total	88.3	87.4	%	1		20

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Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

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(*)***
L1941489-01A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-01B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-01C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-01D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L1941489-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L1941489-01F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1941489-01X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-01Y	Vial Water preserved split	A	NA		2.4	Y	Absent	12-SEP-19 12:38	NYTCL-8260HLW(14)
L1941489-01Z	Vial Water preserved split	A	NA		2.4	Y	Absent	12-SEP-19 12:38	NYTCL-8260HLW(14)
L1941489-02A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-02B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-02C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-02D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L1941489-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	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),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1941489-02F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1941489-02X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-02Y	Vial Water preserved split	A	NA		2.4	Y	Absent	12-SEP-19 12:38	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

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Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941489
Report Date: 10/18/19

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L1941489-02Z	Vial Water preserved split	A	NA		2.4	Y	Absent	12-SEP-19 12:38	NYTCL-8260HLW(14)
L1941489-03A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1941489-03B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1941489-03C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1941489-03D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L1941489-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L1941489-03F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1941489-03X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1941489-03Y	Vial Water preserved split	A	NA		2.4	Y	Absent	12-SEP-19 12:38	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1941489-03Z	Vial Water preserved split	A	NA		2.4	Y	Absent	12-SEP-19 12:38	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1941489-04A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-04B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-04C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-04D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L1941489-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L1941489-04F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1941489-04X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1941489-04Y	Vial Water preserved split	A	NA		2.4	Y	Absent	12-SEP-19 12:38	NYTCL-8260HLW(14)
L1941489-04Z	Vial Water preserved split	A	NA		2.4	Y	Absent	12-SEP-19 12:38	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	500 MAIN ST.	**Lab Number:**	L1941489
Project Number:	10637	**Report Date:**	10/18/19

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:	500 MAIN ST.	**Lab Number:**	L1941489
Project Number:	10637	**Report Date:**	10/18/19

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: 500 MAIN ST. **Lab Number:** L1941489

Project Number: 10637 **Report Date:** 10/18/19

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.

Serial_No:10181917:04

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

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: 9/12/19

ALPHA Job #: L1941489

Client Information
Client: SESI
Address: 12A Maple Ave, Pine Brook NJ
Phone: 973-808-9050
Fax:
Email: fd@sesi.org / jam@sesi.org

Project Information
Project Name: 500 Main St.
Project Location: New Rochelle NY
Project #: 10637
(Use Project name as Project #) ☐
Project Manager: Fred D.
ALPHAQuote #:

Turn-Around Time
Standard ☑ 1 week Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Deliverables
☐ NJ Full / Reduced
☑ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other email excel

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☒ Other NY Unrestricted

Billing Information
☑ Same as Client Info
PO # 10637 phase 1

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS
TCL/TAL

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/TAL	Sample Specific Comments
41489 -01	SB-27 (5-5.5)	9/11/19	1320	Soil	JS	X	
-02	SB-28 (5-5.5)	9/11/19	1345		JS		
-03	SB-29 (7-7.5)	9/11/19	1410		JS		
-04	SB-26 (7.5-8)	9/11/19	1300		JS		

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	G	P/E
Preservative		

Relinquished By:	Date/Time	Received By:	Date/Time
	9/11/19 1440	Craig Vogel QA	9/11/19 1440
Craig Vogel	9/11/19 1800		9/11/19 2005
	9/12/19 0205		9/12/19 02:20
			02:05

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: 01-14 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1941891
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	500 MAIN ST.
Project Number:	10637
Report Date:	09/26/19

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: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1941891-01	TW-3	WATER	NEW ROCHELLE, NY	09/11/19 14:30	09/12/19
L1941891-02	TW-4	WATER	NEW ROCHELLE, NY	09/12/19 09:20	09/12/19
L1941891-03	TW-5	WATER	NEW ROCHELLE, NY	09/12/19 10:30	09/12/19
L1941891-04	SB-26 (1.5-2)	SOIL	NEW ROCHELLE, NY	09/12/19 08:40	09/12/19
L1941891-05	SB-29 (2-2.5)	SOIL	NEW ROCHELLE, NY	09/12/19 09:00	09/12/19
L1941891-06	TB	WATER	NEW ROCHELLE, NY	09/10/19 00:00	09/12/19

Project Name:	500 MAIN ST.	**Lab Number:**	L1941891
Project Number:	10637	**Report Date:**	09/26/19

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:	500 MAIN ST.	**Lab Number:**	L1941891
Project Number:	10637	**Report Date:**	09/26/19

Case Narrative (continued)

Report Submission

September 26, 2019: This final report includes the results of all requested analyses.

September 19, 2019: This is a preliminary report.

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

Semivolatile Organics

The WG1285080-1 Method Blank, associated with L1941891-01 through -03, has TICs detected. The results are qualified with a "B" for any associated samples that have detections of the same TICs.

The WG1285080-2/-3 LCS/LCSD recoveries, associated with L1941891-01 through -03, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

PCBs

L1941891-03: The sample has elevated detection limits due to limited sample volume available for analysis.

Total Metals

L1941891-04 and -05: 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.

Cyanide, Total

The WG1283846-2/-3 LCS/LCSD recoveries (73%/67%), associated with L1941891-04 and -05, 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: Kelly Stenstrom

Title: Technical Director/Representative Date: 09/26/19

ORGANICS

VOLATILES

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01
Client ID: TW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/18/19 15:57
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01 Date Collected: 09/11/19 14:30

Client ID: TW-3 Date Received: 09/12/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	9.7		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01 Date Collected: 09/11/19 14:30

Client ID: TW-3 Date Received: 09/12/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	6.59	J	ug/l			1
Unknown Alkene	1.84	J	ug/l			1
Propene	4.75	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	100		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:20
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/19/19 05:04
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02 Date Collected: 09/12/19 09:20

Client ID: TW-4 Date Received: 09/12/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	0.85	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.85	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.2	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02 Date Collected: 09/12/19 09:20

Client ID: TW-4 Date Received: 09/12/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	6.35	J	ug/l			1
Unknown	1.42	J	ug/l			1
Propene	4.93	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	99		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 10:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/19/19 05:39
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	3.7		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03 Date Collected: 09/12/19 10:30

Client ID: TW-5 Date Received: 09/12/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03 Date Collected: 09/12/19 10:30

Client ID: TW-5 Date Received: 09/12/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	3.37	J	ug/l			1
Propene	3.37	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	102		70-130

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04
Client ID: SB-26 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 08:40
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/18/19 12:17
Analyst: JC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	0.17	J	ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.21	1
trans-1,2-Dichloroethene	0.17	J	ug/kg	1.3	0.12	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04 Date Collected: 09/12/19 08:40

Client ID: SB-26 (1.5-2) Date Received: 09/12/19

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	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	0.67	J	ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.90	0.26	1
Xylenes, Total	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
1,2-Dichloroethene, Total	0.17	J	ug/kg	0.90	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.82	1
Acetone	110		ug/kg	9.0	4.3	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
Vinyl acetate	ND		ug/kg	9.0	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	9.0	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04 Date Collected: 09/12/19 08:40

Client ID: SB-26 (1.5-2) Date Received: 09/12/19

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	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	11.3	J	ug/kg			1
Unknown Alkane	2.98	J	ug/kg			1
Unknown	2.36	J	ug/kg			1
Unknown	4.06	J	ug/kg			1
Unknown	1.91	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05
Client ID: SB-29 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/18/19 12:45
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	0.15	J	ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.46	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	0.21	J	ug/kg	1.3	0.12	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05 Date Collected: 09/12/19 09:00

Client ID: SB-29 (2-2.5) Date Received: 09/12/19

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	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	0.57	J	ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	0.21	J	ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	180		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	2.2	J	ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.99	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05 Date Collected: 09/12/19 09:00

Client ID: SB-29 (2-2.5) Date Received: 09/12/19

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	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1
Tentatively Identified Compounds						
Total TIC Compounds	18.6	J	ug/kg			1
Unknown	5.06	J	ug/kg			1
Unknown	2.28	J	ug/kg			1
Unknown Alkane	3.44	J	ug/kg			1
Unknown	3.59	J	ug/kg			1
Unknown	2.27	J	ug/kg			1
Unknown	1.95	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-06
Client ID: TB
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/10/19 00:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/18/19 11:49
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-06 Date Collected: 09/10/19 00:00

Client ID: TB Date Received: 09/12/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-06 Date Collected: 09/10/19 00:00

Client ID: TB Date Received: 09/12/19

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	97		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 21:54
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1285257-10					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 21:54
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1285257-10					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 21:54
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1285257-10					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 21:54
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1285257-10					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	100		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-05 Batch: WG1285554-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.27	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	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: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-05 Batch: WG1285554-5					
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: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-05 Batch: WG1285554-5					
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	8.31	J	ug/kg
Unknown	5.78	J	ug/kg
Unknown	2.53	J	ug/kg

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-05 Batch: WG1285554-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 08:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1285576-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 08:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1285576-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 08:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1285576-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 08:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1285576-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	101		70-130

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 08:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1285585-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 08:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1285585-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 08:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1285585-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/18/19 08:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1285585-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1285257-8 WG1285257-9								
Methylene chloride	84		84		70-130	0		20
1,1-Dichloroethane	91		89		70-130	2		20
Chloroform	88		82		70-130	7		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	85		80		70-130	6		20
Dibromochloromethane	100		98		63-130	2		20
1,1,2-Trichloroethane	83		78		70-130	6		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	97		92		75-130	5		20
Trichlorofluoromethane	84		82		62-150	2		20
1,2-Dichloroethane	94		92		70-130	2		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	86		84		67-130	2		20
trans-1,3-Dichloropropene	82		75		70-130	9		20
cis-1,3-Dichloropropene	84		78		70-130	7		20
1,1-Dichloropropene	81		79		70-130	3		20
Bromoform	84		79		54-136	6		20
1,1,2,2-Tetrachloroethane	72		72		67-130	0		20
Benzene	76		73		70-130	4		20
Toluene	86		81		70-130	6		20
Ethylbenzene	89		85		70-130	5		20
Chloromethane	90		87		64-130	3		20
Bromomethane	44		43		39-139	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1285257-8 WG1285257-9								
Vinyl chloride	94		92		55-140	2		20
Chloroethane	87		86		55-138	1		20
1,1-Dichloroethene	94		90		61-145	4		20
trans-1,2-Dichloroethene	92		91		70-130	1		20
Trichloroethene	94		88		70-130	7		20
1,2-Dichlorobenzene	95		92		70-130	3		20
1,3-Dichlorobenzene	94		91		70-130	3		20
1,4-Dichlorobenzene	95		91		70-130	4		20
Methyl tert butyl ether	83		80		63-130	4		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	93		93		70-130	0		20
Dibromomethane	83		82		70-130	1		20
1,2,3-Trichloropropane	67		64		64-130	5		20
Acrylonitrile	100		100		70-130	0		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	78		80		36-147	3		20
Acetone	100		97		58-148	3		20
Carbon disulfide	69		69		51-130	0		20
2-Butanone	100		97		63-138	3		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	87		87		59-130	0		20
2-Hexanone	90		89		57-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1285257-8 WG1285257-9								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	94		91		70-130	3		20
1,3-Dichloropropane	78		75		70-130	4		20
1,1,1,2-Tetrachloroethane	120		110		64-130	9		20
Bromobenzene	92		90		70-130	2		20
n-Butylbenzene	80		77		53-136	4		20
sec-Butylbenzene	82		79		70-130	4		20
tert-Butylbenzene	94		91		70-130	3		20
o-Chlorotoluene	77		74		70-130	4		20
p-Chlorotoluene	78		74		70-130	5		20
1,2-Dibromo-3-chloropropane	91		95		41-144	4		20
Hexachlorobutadiene	84		86		63-130	2		20
Isopropylbenzene	82		79		70-130	4		20
p-Isopropyltoluene	96		95		70-130	1		20
Naphthalene	95		100		70-130	5		20
n-Propylbenzene	80		76		69-130	5		20
1,2,3-Trichlorobenzene	90		94		70-130	4		20
1,2,4-Trichlorobenzene	93		94		70-130	1		20
1,3,5-Trimethylbenzene	81		77		64-130	5		20
1,2,4-Trimethylbenzene	80		79		70-130	1		20
1,4-Dioxane	66		76		56-162	14		20
p-Diethylbenzene	96		93		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1285257-8 WG1285257-9								
p-Ethyltoluene	81		78		70-130	4		20
1,2,4,5-Tetramethylbenzene	99		96		70-130	3		20
Ethyl ether	74		74		59-134	0		20
trans-1,4-Dichloro-2-butene	74		**67**	Q	70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		91		70-130
Toluene-d8	95		92		70-130
4-Bromofluorobenzene	81		82		70-130
Dibromofluoromethane	96		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-05 Batch: WG1285554-3 WG1285554-4								
Methylene chloride	83		83		70-130	0		30
1,1-Dichloroethane	86		86		70-130	0		30
Chloroform	82		82		70-130	0		30
Carbon tetrachloride	86		85		70-130	1		30
1,2-Dichloropropane	88		88		70-130	0		30
Dibromochloromethane	89		87		70-130	2		30
1,1,2-Trichloroethane	87		87		70-130	0		30
Tetrachloroethene	89		87		70-130	2		30
Chlorobenzene	87		86		70-130	1		30
Trichlorofluoromethane	87		87		70-139	0		30
1,2-Dichloroethane	87		87		70-130	0		30
1,1,1-Trichloroethane	85		85		70-130	0		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	91		88		70-130	3		30
cis-1,3-Dichloropropene	93		92		70-130	1		30
1,1-Dichloropropene	86		85		70-130	1		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	86		89		70-130	3		30
Benzene	86		86		70-130	0		30
Toluene	84		84		70-130	0		30
Ethylbenzene	87		86		70-130	1		30
Chloromethane	88		86		52-130	2		30
Bromomethane	99		96		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-05 Batch: WG1285554-3 WG1285554-4								
Vinyl chloride	85		84		67-130	1		30
Chloroethane	87		87		50-151	0		30
1,1-Dichloroethene	80		80		65-135	0		30
trans-1,2-Dichloroethene	87		86		70-130	1		30
Trichloroethene	87		87		70-130	0		30
1,2-Dichlorobenzene	86		88		70-130	2		30
1,3-Dichlorobenzene	88		88		70-130	0		30
1,4-Dichlorobenzene	87		87		70-130	0		30
Methyl tert butyl ether	90		88		66-130	2		30
p/m-Xylene	88		87		70-130	1		30
o-Xylene	89		88		70-130	1		30
cis-1,2-Dichloroethene	86		86		70-130	0		30
Dibromomethane	89		89		70-130	0		30
Styrene	87		85		70-130	2		30
Dichlorodifluoromethane	84		84		30-146	0		30
Acetone	105		91		54-140	14		30
Carbon disulfide	80		81		59-130	1		30
2-Butanone	95		90		70-130	5		30
Vinyl acetate	90		89		70-130	1		30
4-Methyl-2-pentanone	88		88		70-130	0		30
1,2,3-Trichloropropane	84		86		68-130	2		30
2-Hexanone	82		80		70-130	2		30
Bromochloromethane	91		91		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-05 Batch: WG1285554-3 WG1285554-4								
2,2-Dichloropropane	89		89		70-130	0		30
1,2-Dibromoethane	88		89		70-130	1		30
1,3-Dichloropropane	88		87		69-130	1		30
1,1,1,2-Tetrachloroethane	90		88		70-130	2		30
Bromobenzene	85		87		70-130	2		30
n-Butylbenzene	88		90		70-130	2		30
sec-Butylbenzene	84		87		70-130	4		30
tert-Butylbenzene	86		88		70-130	2		30
o-Chlorotoluene	70		73		70-130	4		30
p-Chlorotoluene	85		88		70-130	3		30
1,2-Dibromo-3-chloropropane	80		83		68-130	4		30
Hexachlorobutadiene	87		88		67-130	1		30
Isopropylbenzene	86		87		70-130	1		30
p-Isopropyltoluene	89		90		70-130	1		30
Naphthalene	92		92		70-130	0		30
Acrylonitrile	91		89		70-130	2		30
n-Propylbenzene	85		86		70-130	1		30
1,2,3-Trichlorobenzene	91		90		70-130	1		30
1,2,4-Trichlorobenzene	95		94		70-130	1		30
1,3,5-Trimethylbenzene	86		87		70-130	1		30
1,2,4-Trimethylbenzene	87		88		70-130	1		30
1,4-Dioxane	97		98		65-136	1		30
p-Diethylbenzene	91		92		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-05 Batch: WG1285554-3 WG1285554-4								
p-Ethyltoluene	86		88		70-130	2		30
1,2,4,5-Tetramethylbenzene	93		92		70-130	1		30
Ethyl ether	93		92		67-130	1		30
trans-1,4-Dichloro-2-butene	86		80		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	101		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1285576-3 WG1285576-4								
Methylene chloride	97		96		70-130	1		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		94		70-130	6		20
Carbon tetrachloride	95		92		63-132	3		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	95		94		63-130	1		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	93		92		75-130	1		20
Trichlorofluoromethane	96		92		62-150	4		20
1,2-Dichloroethane	94		96		70-130	2		20
1,1,1-Trichloroethane	92		90		67-130	2		20
Bromodichloromethane	96		94		67-130	2		20
trans-1,3-Dichloropropene	94		93		70-130	1		20
cis-1,3-Dichloropropene	92		92		70-130	0		20
1,1-Dichloropropene	94		93		70-130	1		20
Bromoform	94		99		54-136	5		20
1,1,2,2-Tetrachloroethane	96		99		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	96		94		70-130	2		20
Ethylbenzene	96		94		70-130	2		20
Chloromethane	130		120		64-130	8		20
Bromomethane	40		**37**	Q	39-139	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1285576-3 WG1285576-4								
Vinyl chloride	88		84		55-140	5		20
Chloroethane	77		73		55-138	5		20
1,1-Dichloroethene	99		99		61-145	0		20
trans-1,2-Dichloroethene	97		96		70-130	1		20
Trichloroethene	97		96		70-130	1		20
1,2-Dichlorobenzene	95		96		70-130	1		20
1,3-Dichlorobenzene	98		99		70-130	1		20
1,4-Dichlorobenzene	97		95		70-130	2		20
Methyl tert butyl ether	81		81		63-130	0		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	95		95		70-130	0		20
Dibromomethane	88		89		70-130	1		20
1,2,3-Trichloropropane	90		96		64-130	6		20
Acrylonitrile	110		110		70-130	0		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	140		130		36-147	7		20
Acetone	130		140		58-148	7		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	130		130		70-130	0		20
4-Methyl-2-pentanone	86		92		59-130	7		20
2-Hexanone	87		89		57-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1285576-3 WG1285576-4								
Bromochloromethane	96		95		70-130	1		20
2,2-Dichloropropane	100		97		63-133	3		20
1,2-Dibromoethane	91		90		70-130	1		20
1,3-Dichloropropane	96		99		70-130	3		20
1,1,1,2-Tetrachloroethane	97		96		64-130	1		20
Bromobenzene	92		90		70-130	2		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	87		86		70-130	1		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	93		92		70-130	1		20
1,2-Dibromo-3-chloropropane	84		91		41-144	8		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	87		87		70-130	0		20
p-Isopropyltoluene	89		87		70-130	2		20
Naphthalene	77		81		70-130	5		20
n-Propylbenzene	93		94		69-130	1		20
1,2,3-Trichlorobenzene	89		92		70-130	3		20
1,2,4-Trichlorobenzene	91		90		70-130	1		20
1,3,5-Trimethylbenzene	89		88		64-130	1		20
1,2,4-Trimethylbenzene	88		88		70-130	0		20
1,4-Dioxane	82		78		56-162	5		20
p-Diethylbenzene	87		86		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1285576-3 WG1285576-4								
p-Ethyltoluene	90		90		70-130	0		20
1,2,4,5-Tetramethylbenzene	79		80		70-130	1		20
Ethyl ether	93		93		59-134	0		20
trans-1,4-Dichloro-2-butene	92		93		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	81		82		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1285585-3 WG1285585-4								
Methylene chloride	84		82		70-130	2		20
1,1-Dichloroethane	95		96		70-130	1		20
Chloroform	84		85		70-130	1		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	89		89		70-130	0		20
Dibromochloromethane	94		92		63-130	2		20
1,1,2-Trichloroethane	76		76		70-130	0		20
Tetrachloroethene	90		92		70-130	2		20
Chlorobenzene	87		87		75-130	0		20
Trichlorofluoromethane	84		86		62-150	2		20
1,2-Dichloroethane	98		100		70-130	2		20
1,1,1-Trichloroethane	96		98		67-130	2		20
Bromodichloromethane	82		83		67-130	1		20
trans-1,3-Dichloropropene	78		77		70-130	1		20
cis-1,3-Dichloropropene	88		85		70-130	3		20
1,1-Dichloropropene	82		83		70-130	1		20
Bromoform	82		81		54-136	1		20
1,1,2,2-Tetrachloroethane	75		72		67-130	4		20
Benzene	79		79		70-130	0		20
Toluene	84		83		70-130	1		20
Ethylbenzene	85		86		70-130	1		20
Chloromethane	91		93		64-130	2		20
Bromomethane	**38**	Q	39		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1285585-3 WG1285585-4								
Vinyl chloride	93		94		55-140	1		20
Chloroethane	91		89		55-138	2		20
1,1-Dichloroethene	86		90		61-145	5		20
trans-1,2-Dichloroethene	89		92		70-130	3		20
Trichloroethene	90		90		70-130	0		20
1,2-Dichlorobenzene	94		95		70-130	1		20
1,3-Dichlorobenzene	93		93		70-130	0		20
1,4-Dichlorobenzene	94		92		70-130	2		20
Methyl tert butyl ether	88		85		63-130	3		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	94		90		70-130	4		20
Dibromomethane	88		88		70-130	0		20
1,2,3-Trichloropropane	72		72		64-130	0		20
Acrylonitrile	110		110		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	80		81		36-147	1		20
Acetone	120		120		58-148	0		20
Carbon disulfide	68		71		51-130	4		20
2-Butanone	130		120		63-138	8		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	86		84		59-130	2		20
2-Hexanone	96		100		57-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.

Project Number: 10637

Lab Number: L1941891

Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1285585-3 WG1285585-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	88		88		70-130	0		20
1,3-Dichloropropane	77		75		70-130	3		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	93		92		70-130	1		20
n-Butylbenzene	84		86		53-136	2		20
sec-Butylbenzene	86		88		70-130	2		20
tert-Butylbenzene	92		94		70-130	2		20
o-Chlorotoluene	82		82		70-130	0		20
p-Chlorotoluene	84		82		70-130	2		20
1,2-Dibromo-3-chloropropane	94		97		41-144	3		20
Hexachlorobutadiene	83		88		63-130	6		20
Isopropylbenzene	88		87		70-130	1		20
p-Isopropyltoluene	94		96		70-130	2		20
Naphthalene	96		100		70-130	4		20
n-Propylbenzene	84		85		69-130	1		20
1,2,3-Trichlorobenzene	87		97		70-130	11		20
1,2,4-Trichlorobenzene	91		95		70-130	4		20
1,3,5-Trimethylbenzene	84		85		64-130	1		20
1,2,4-Trimethylbenzene	86		87		70-130	1		20
1,4-Dioxane	74		80		56-162	8		20
p-Diethylbenzene	94		96		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1285585-3 WG1285585-4								
p-Ethyltoluene	87		87		70-130	0		20
1,2,4,5-Tetramethylbenzene	97		100		70-130	3		20
Ethyl ether	83		80		59-134	4		20
trans-1,4-Dichloro-2-butene	80		75		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	89		88		70-130
4-Bromofluorobenzene	84		85		70-130
Dibromofluoromethane	100		98		70-130

SEMIVOLATILES

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01
Client ID: TW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/18/19 16:52
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 12:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	2.2	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01 Date Collected: 09/11/19 14:30

Client ID: TW-3 Date Received: 09/12/19

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						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	2.7	J	ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	14.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01 Date Collected: 09/11/19 14:30

Client ID: TW-3 Date Received: 09/12/19

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						
Tentatively Identified Compounds						
Total TIC Compounds	33.5	J	ug/l			1
Aldol Condensates (A)	8.36	JB	ug/l			1
Unknown	2.58	J	ug/l			1
Unknown	1.74	JB	ug/l			1
Unknown	2.84	JB	ug/l			1
Unknown	4.91	JB	ug/l			1
Unknown	1.78	J	ug/l			1
Unknown	3.05	JB	ug/l			1
Unknown	1.89	JB	ug/l			1
Unknown	1.89	J	ug/l			1
Unknown Organic Acid	1.74	J	ug/l			1
Unknown Organic Acid	2.69	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	57		41-149

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01
Client ID: TW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/19/19 13:00
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 12:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.28		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01 Date Collected: 09/11/19 14:30

Client ID: TW-3 Date Received: 09/12/19

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

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	85		41-149

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:20
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/18/19 17:46
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.0	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	2.3	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02 Date Collected: 09/12/19 09:20

Client ID: TW-4 Date Received: 09/12/19

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						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	14.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02 Date Collected: 09/12/19 09:20

Client ID: TW-4 Date Received: 09/12/19

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						
Tentatively Identified Compounds						
Total TIC Compounds	89.6	J	ug/l			1
Aldol Condensates (A)	1.93	J	ug/l			1
Aldol Condensates (A)	57.8	JB	ug/l			1
Unknown	1.53	J	ug/l			1
Unknown	2.65	J	ug/l			1
Unknown	3.02	JB	ug/l			1
Unknown	2.65	JB	ug/l			1
Unknown	5.42	JB	ug/l			1
Unknown	2.11	J	ug/l			1
Unknown	3.49	JB	ug/l			1
Unknown	1.89	JB	ug/l			1
Unknown	1.78	J	ug/l			1
Unknown Alcohol	1.82	J	ug/l			1
Unknown Organic Acid	1.64	J	ug/l			1
Unknown Organic Acid	1.89	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	68		41-149

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:20
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/19/19 13:16
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.06	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.12		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.05	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02 Date Collected: 09/12/19 09:20

Client ID: TW-4 Date Received: 09/12/19

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

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	92		41-149

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 10:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/18/19 18:12
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.0	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03 Date Collected: 09/12/19 10:30

Client ID: TW-5 Date Received: 09/12/19

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						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	1.2	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	11.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03 Date Collected: 09/12/19 10:30

Client ID: TW-5 Date Received: 09/12/19

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						
Tentatively Identified Compounds						
Total TIC Compounds	250	J	ug/l			1
Aldol Condensates (A)	5.20	J	ug/l			1
Aldol Condensates (A)	72.8	JB	ug/l			1
Unknown	2.94	J	ug/l			1
Unknown	36.6	J	ug/l			1
Unknown	6.18	J	ug/l			1
Unknown	6.04	JB	ug/l			1
Unknown	10.6	J	ug/l			1
Unknown	3.42	JB	ug/l			1
Unknown	31.7	J	ug/l			1
Unknown	23.4	J	ug/l			1
Unknown	15.9	J	ug/l			1
Unknown	12.8	J	ug/l			1
Unknown Organic Acid	2.91	J	ug/l			1
Unknown Organic Acid	8.29	J	ug/l			1
Unknown Organic Acid	11.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	**127**	Q	10-120
4-Terphenyl-d14	72		41-149

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 10:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/19/19 13:32
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03 Date Collected: 09/12/19 10:30

Client ID: TW-5 Date Received: 09/12/19

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

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	111		10-120
4-Terphenyl-d14	94		41-149

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04
Client ID: SB-26 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 08:40
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/18/19 18:25
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/16/19 03:09

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	45	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	30.	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: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04 Date Collected: 09/12/19 08:40

Client ID: SB-26 (1.5-2) Date Received: 09/12/19

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	30	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	39	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	27	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	22	J	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	43	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	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04 Date Collected: 09/12/19 08:40

Client ID: SB-26 (1.5-2) Date Received: 09/12/19

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	62		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	48		18-120

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05
Client ID: SB-29 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/18/19 18:01
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/19 03:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	33	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	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	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05 Date Collected: 09/12/19 09:00

Client ID: SB-29 (2-2.5) Date Received: 09/12/19

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	38.	1
Benzo(a)anthracene	330		ug/kg	110	20.	1
Benzo(a)pyrene	260		ug/kg	140	44.	1
Benzo(b)fluoranthene	360		ug/kg	110	31.	1
Benzo(k)fluoranthene	130		ug/kg	110	29.	1
Chrysene	300		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	110		ug/kg	110	35.	1
Benzo(ghi)perylene	170		ug/kg	140	21.	1
Fluorene	29	J	ug/kg	180	18.	1
Phenanthrene	410		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	44	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	140	25.	1
Pyrene	570		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	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	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05 Date Collected: 09/12/19 09:00

Client ID: SB-29 (2-2.5) Date Received: 09/12/19

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	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	27	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	47		18-120

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/16/19 22:52
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/16/19 02:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1284419-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	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	97	18.
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	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	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: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/16/19 22:52
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/16/19 02:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1284419-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	31.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	37.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	19.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/16/19 22:52
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/16/19 02:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1284419-1					
4-Nitrophenol	ND		ug/kg	220	66.
2,4-Dinitrophenol	ND		ug/kg	770	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	77.
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	520	160
Benzyl Alcohol	ND		ug/kg	160	49.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	88		18-120

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/18/19 03:20
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1285080-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/18/19 03:20
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1285080-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/18/19 03:20
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1285080-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	51.3	J	ug/l
Unknown	2.58	J	ug/l
Unknown	2.51	J	ug/l
Unknown	1.78	J	ug/l
Unknown	1.96	J	ug/l
Unknown	3.13	J	ug/l
Unknown	5.27	J	ug/l
Unknown	1.89	J	ug/l
Unknown	2.25	J	ug/l
Unknown	2.69	J	ug/l
Unknown	4.11	J	ug/l

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/18/19 03:20
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1285080-1					
Tentatively Identified Compounds					
Unknown	1.74	J	ug/l		
Unknown	1.85	J	ug/l		
Unknown	6.69	J	ug/l		
Aldol Condensates (A)	12.8	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	90		41-149

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/19/19 12:43
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1285082-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/19/19 12:43
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1285082-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	98		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1284419-2 WG1284419-3								
Acenaphthene	84		73		31-137	14		50
1,2,4-Trichlorobenzene	81		70		38-107	15		50
Hexachlorobenzene	84		74		40-140	13		50
Bis(2-chloroethyl)ether	71		65		40-140	9		50
2-Chloronaphthalene	87		81		40-140	7		50
1,2-Dichlorobenzene	75		67		40-140	11		50
1,3-Dichlorobenzene	74		67		40-140	10		50
1,4-Dichlorobenzene	72		66		28-104	9		50
3,3'-Dichlorobenzidine	66		55		40-140	18		50
2,4-Dinitrotoluene	114		97		40-132	16		50
2,6-Dinitrotoluene	108		98		40-140	10		50
Fluoranthene	92		79		40-140	15		50
4-Chlorophenyl phenyl ether	92		79		40-140	15		50
4-Bromophenyl phenyl ether	88		78		40-140	12		50
Bis(2-chloroisopropyl)ether	62		55		40-140	12		50
Bis(2-chloroethoxy)methane	75		69		40-117	8		50
Hexachlorobutadiene	88		77		40-140	13		50
Hexachlorocyclopentadiene	81		71		40-140	13		50
Hexachloroethane	76		70		40-140	8		50
Isophorone	85		73		40-140	15		50
Naphthalene	82		74		40-140	10		50
Nitrobenzene	90		82		40-140	9		50
NDPA/DPA	92		80		36-157	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1284419-2 WG1284419-3								
n-Nitrosodi-n-propylamine	83		78		32-121	6		50
Bis(2-ethylhexyl)phthalate	104		91		40-140	13		50
Butyl benzyl phthalate	107		91		40-140	16		50
Di-n-butylphthalate	99		84		40-140	16		50
Di-n-octylphthalate	107		91		40-140	16		50
Diethyl phthalate	96		84		40-140	13		50
Dimethyl phthalate	97		87		40-140	11		50
Benzo(a)anthracene	89		80		40-140	11		50
Benzo(a)pyrene	88		78		40-140	12		50
Benzo(b)fluoranthene	92		82		40-140	11		50
Benzo(k)fluoranthene	90		78		40-140	14		50
Chrysene	85		76		40-140	11		50
Acenaphthylene	93		84		40-140	10		50
Anthracene	90		78		40-140	14		50
Benzo(ghi)perylene	92		80		40-140	14		50
Fluorene	90		79		40-140	13		50
Phenanthrene	87		75		40-140	15		50
Dibenzo(a,h)anthracene	89		75		40-140	17		50
Indeno(1,2,3-cd)pyrene	92		81		40-140	13		50
Pyrene	92		78		35-142	16		50
Biphenyl	94		85		37-127	10		50
4-Chloroaniline	76		67		40-140	13		50
2-Nitroaniline	112		102		47-134	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1284419-2 WG1284419-3								
3-Nitroaniline	86		73		26-129	16		50
4-Nitroaniline	94		94		41-125	0		50
Dibenzofuran	90		78		40-140	14		50
2-Methylnaphthalene	85		78		40-140	9		50
1,2,4,5-Tetrachlorobenzene	88		80		40-117	10		50
Acetophenone	88		79		14-144	11		50
2,4,6-Trichlorophenol	94		88		30-130	7		50
p-Chloro-m-cresol	102		94		26-103	8		50
2-Chlorophenol	84		75		25-102	11		50
2,4-Dichlorophenol	93		82		30-130	13		50
2,4-Dimethylphenol	100		91		30-130	9		50
2-Nitrophenol	111		97		30-130	13		50
4-Nitrophenol	**126**	Q	107		11-114	16		50
2,4-Dinitrophenol	109		98		4-130	11		50
4,6-Dinitro-o-cresol	122		105		10-130	15		50
Pentachlorophenol	96		79		17-109	19		50
Phenol	83		75		26-90	10		50
2-Methylphenol	85		76		30-130.	11		50
3-Methylphenol/4-Methylphenol	84		78		30-130	7		50
2,4,5-Trichlorophenol	95		90		30-130	5		50
Benzoic Acid	54		66		10-110	20		50
Benzyl Alcohol	94		83		40-140	12		50
Carbazole	89		78		54-128	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1284419-2 WG1284419-3								
1,4-Dioxane	47		43		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		72		25-120
Phenol-d6	85		76		10-120
Nitrobenzene-d5	92		81		23-120
2-Fluorobiphenyl	88		80		30-120
2,4,6-Tribromophenol	92		79		10-136
4-Terphenyl-d14	88		75		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1285080-2 WG1285080-3								
Acenaphthene	58		68		37-111	16		30
1,2,4-Trichlorobenzene	62		72		39-98	15		30
Hexachlorobenzene	60		70		40-140	15		30
Bis(2-chloroethyl)ether	66		74		40-140	11		30
2-Chloronaphthalene	64		73		40-140	13		30
1,2-Dichlorobenzene	61		72		40-140	17		30
1,3-Dichlorobenzene	59		69		40-140	16		30
1,4-Dichlorobenzene	60		70		36-97	15		30
3,3'-Dichlorobenzidine	60		72		40-140	18		30
2,4-Dinitrotoluene	61		73		48-143	18		30
2,6-Dinitrotoluene	71		82		40-140	14		30
Fluoranthene	71		83		40-140	16		30
4-Chlorophenyl phenyl ether	62		75		40-140	19		30
4-Bromophenyl phenyl ether	62		73		40-140	16		30
Bis(2-chloroisopropyl)ether	72		83		40-140	14		30
Bis(2-chloroethoxy)methane	70		81		40-140	15		30
Hexachlorobutadiene	58		70		40-140	19		30
Hexachlorocyclopentadiene	54		68		40-140	23		30
Hexachloroethane	58		72		40-140	22		30
Isophorone	70		82		40-140	16		30
Naphthalene	62		72		40-140	15		30
Nitrobenzene	66		77		40-140	15		30
NDPA/DPA	66		76		40-140	14		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1285080-2 WG1285080-3								
n-Nitrosodi-n-propylamine	74		86		29-132	15		30
Bis(2-ethylhexyl)phthalate	79		92		40-140	15		30
Butyl benzyl phthalate	85		97		40-140	13		30
Di-n-butylphthalate	73		84		40-140	14		30
Di-n-octylphthalate	88		103		40-140	16		30
Diethyl phthalate	68		79		40-140	15		30
Dimethyl phthalate	75		85		40-140	13		30
Benzo(a)anthracene	74		84		40-140	13		30
Benzo(a)pyrene	66		79		40-140	18		30
Benzo(b)fluoranthene	71		84		40-140	17		30
Benzo(k)fluoranthene	70		86		40-140	21		30
Chrysene	69		80		40-140	15		30
Acenaphthylene	69		78		45-123	12		30
Anthracene	69		81		40-140	16		30
Benzo(ghi)perylene	66		78		40-140	17		30
Fluorene	62		71		40-140	14		30
Phenanthrene	66		78		40-140	17		30
Dibenzo(a,h)anthracene	66		80		40-140	19		30
Indeno(1,2,3-cd)pyrene	68		81		40-140	17		30
Pyrene	70		83		26-127	17		30
Biphenyl	66		78		40-140	17		30
4-Chloroaniline	63		72		40-140	13		30
2-Nitroaniline	68		79		52-143	15		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1285080-2 WG1285080-3								
3-Nitroaniline	53		61		25-145	14		30
4-Nitroaniline	57		68		51-143	18		30
Dibenzofuran	59		68		40-140	14		30
2-Methylnaphthalene	63		75		40-140	17		30
1,2,4,5-Tetrachlorobenzene	61		73		2-134	18		30
Acetophenone	65		76		39-129	16		30
2,4,6-Trichlorophenol	64		77		30-130	18		30
p-Chloro-m-cresol	72		83		23-97	14		30
2-Chlorophenol	66		77		27-123	15		30
2,4-Dichlorophenol	66		79		30-130	18		30
2,4-Dimethylphenol	65		74		30-130	13		30
2-Nitrophenol	71		82		30-130	14		30
4-Nitrophenol	51		57		10-80	11		30
2,4-Dinitrophenol	56		56		20-130	0		30
4,6-Dinitro-o-cresol	70		79		20-164	12		30
Pentachlorophenol	60		66		9-103	10		30
Phenol	52		57		12-110	9		30
2-Methylphenol	65		73		30-130	12		30
3-Methylphenol/4-Methylphenol	66		74		30-130	11		30
2,4,5-Trichlorophenol	69		82		30-130	17		30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	60		70		26-116	15		30
Carbazole	69		81		55-144	16		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1285080-2 WG1285080-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		57		21-120
Phenol-d6	48		52		10-120
Nitrobenzene-d5	65		77		23-120
2-Fluorobiphenyl	62		72		15-120
2,4,6-Tribromophenol	52		59		10-120
4-Terphenyl-d14	71		80		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1285082-2 WG1285082-3								
Acenaphthene	69		100		40-140	37		40
2-Chloronaphthalene	70		98		40-140	33		40
Fluoranthene	65		94		40-140	36		40
Hexachlorobutadiene	64		89		40-140	33		40
Naphthalene	69		94		40-140	31		40
Benzo(a)anthracene	71		104		40-140	38		40
Benzo(a)pyrene	68		103		40-140	**41**	Q	40
Benzo(b)fluoranthene	77		111		40-140	36		40
Benzo(k)fluoranthene	70		104		40-140	39		40
Chrysene	67		100		40-140	40		40
Acenaphthylene	68		96		40-140	34		40
Anthracene	67		102		40-140	**41**	Q	40
Benzo(ghi)perylene	75		116		40-140	**43**	Q	40
Fluorene	68		101		40-140	39		40
Phenanthrene	73		105		40-140	36		40
Dibenzo(a,h)anthracene	77		117		40-140	**41**	Q	40
Indeno(1,2,3-cd)pyrene	67		101		40-140	40		40
Pyrene	64		92		40-140	36		40
2-Methylnaphthalene	73		102		40-140	33		40
Pentachlorophenol	62		77		40-140	22		40
Hexachlorobenzene	69		101		40-140	38		40
Hexachloroethane	56		85		40-140	**41**	Q	40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1285082-2 WG1285082-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		81		21-120
Phenol-d6	51		68		10-120
Nitrobenzene-d5	82		109		23-120
2-Fluorobiphenyl	67		91		15-120
2,4,6-Tribromophenol	74		109		10-120
4-Terphenyl-d14	65		91		41-149

PCBS

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01
Client ID: TW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/18/19 23:26
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 09/18/19 15:52
Cleanup Method: EPA 3665A
Cleanup Date: 09/18/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	0.052	JP	ug/l	0.083	0.039	1	B
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.052	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:20
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/18/19 23:39
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 09/18/19 15:52
Cleanup Method: EPA 3665A
Cleanup Date: 09/18/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	0.060	J	ug/l	0.083	0.039	1	B
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.060	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 10:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/18/19 06:12
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:41
Cleanup Method: EPA 3665A
Cleanup Date: 09/18/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.500	0.078	1	A
Aroclor 1221	ND		ug/l	0.500	0.110	1	A
Aroclor 1232	ND		ug/l	0.500	0.230	1	A
Aroclor 1242	ND		ug/l	0.500	0.181	1	A
Aroclor 1248	ND		ug/l	0.500	0.228	1	A
Aroclor 1254	ND		ug/l	0.500	0.084	1	A
Aroclor 1260	ND		ug/l	0.500	0.172	1	A
Aroclor 1262	ND		ug/l	0.500	0.165	1	A
Aroclor 1268	ND		ug/l	0.500	0.158	1	A
PCBs, Total	ND		ug/l	0.500	0.078	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	35		30-150	B
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	34		30-150	A

Project Name: 500 MAIN ST.
Lab Number: L1941891
Project Number: 10637
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04
Client ID: SB-26 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 08:40
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/17/19 22:14
Analyst: HT
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/16/19 02:20
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	3.35	1	A
Aroclor 1221	ND		ug/kg	37.7	3.78	1	A
Aroclor 1232	ND		ug/kg	37.7	7.99	1	A
Aroclor 1242	ND		ug/kg	37.7	5.08	1	A
Aroclor 1248	ND		ug/kg	37.7	5.65	1	A
Aroclor 1254	ND		ug/kg	37.7	4.12	1	A
Aroclor 1260	ND		ug/kg	37.7	6.96	1	A
Aroclor 1262	ND		ug/kg	37.7	4.79	1	A
Aroclor 1268	ND		ug/kg	37.7	3.90	1	A
PCBs, Total	ND		ug/kg	37.7	3.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05
Client ID: SB-29 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/17/19 22:29
Analyst: HT
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/19 02:20
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.53	1	A
Aroclor 1242	ND		ug/kg	35.5	4.79	1	A
Aroclor 1248	ND		ug/kg	35.5	5.33	1	A
Aroclor 1254	ND		ug/kg	35.5	3.88	1	A
Aroclor 1260	ND		ug/kg	35.5	6.56	1	A
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	ND		ug/kg	35.5	3.68	1	A
PCBs, Total	ND		ug/kg	35.5	3.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/17/19 23:40
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 09/15/19 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04-05 Batch: WG1284287-1						
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	4.31	A
Aroclor 1248	ND		ug/kg	31.9	4.79	A
Aroclor 1254	ND		ug/kg	31.9	3.50	A
Aroclor 1260	ND		ug/kg	31.9	5.90	A
Aroclor 1262	ND		ug/kg	31.9	4.06	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	77		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/18/19 04:58
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:41
Cleanup Method: EPA 3665A
Cleanup Date: 09/18/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1285168-1						
Aroclor 1016	ND		ug/l	0.083	0.013	A
Aroclor 1221	ND		ug/l	0.083	0.018	A
Aroclor 1232	ND		ug/l	0.083	0.038	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.038	A
Aroclor 1254	ND		ug/l	0.083	0.014	A
Aroclor 1260	ND		ug/l	0.083	0.029	A
Aroclor 1262	ND		ug/l	0.083	0.028	A
Aroclor 1268	ND		ug/l	0.083	0.026	A
PCBs, Total	ND		ug/l	0.083	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	76		30-150	B
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	67		30-150	A

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/18/19 18:07
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 09/18/19 14:28
Cleanup Method: EPA 3665A
Cleanup Date: 09/18/19
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1285667-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	77		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04-05 Batch: WG1284287-2 WG1284287-3									
Aroclor 1016	81		83		40-140	2		50	A
Aroclor 1260	70		74		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		107		30-150	A
Decachlorobiphenyl	89		92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		107		30-150	B
Decachlorobiphenyl	94		98		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1285168-2 WG1285168-3									
Aroclor 1016	58		55		40-140	4		50	A
Aroclor 1260	61		57		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		46		30-150	B
Decachlorobiphenyl	74		65		30-150	B
2,4,5,6-Tetrachloro-m-xylene	48		45		30-150	A
Decachlorobiphenyl	66		58		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1285667-2 WG1285667-3									
Aroclor 1016	67		66		40-140	1		50	A
Aroclor 1260	60		64		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		72		30-150	A
Decachlorobiphenyl	74		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		68		30-150	B
Decachlorobiphenyl	77		77		30-150	B

PESTICIDES

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01
Client ID: TW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/19/19 02:20
Analyst: AMC

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 07:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01 Date Collected: 09/11/19 14:30

Client ID: TW-3 Date Received: 09/12/19

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	64		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	34		30-150	B

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:20
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/19/19 02:31
Analyst: AMC

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02 Date Collected: 09/12/19 09:20

Client ID: TW-4 Date Received: 09/12/19

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	61		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	33		30-150	B

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 10:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/19/19 01:57
Analyst: AMC

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.050	0.012	1	A
Lindane	ND		ug/l	0.050	0.011	1	A
Alpha-BHC	ND		ug/l	0.050	0.011	1	A
Beta-BHC	ND		ug/l	0.050	0.014	1	A
Heptachlor	ND		ug/l	0.050	0.008	1	A
Aldrin	ND		ug/l	0.050	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.050	0.010	1	A
Endrin	ND		ug/l	0.100	0.011	1	A
Endrin aldehyde	0.023	J	ug/l	0.100	0.020	1	A
Endrin ketone	ND		ug/l	0.100	0.012	1	A
Dieldrin	ND		ug/l	0.100	0.011	1	B
4,4'-DDE	ND		ug/l	0.100	0.010	1	A
4,4'-DDD	ND		ug/l	0.100	0.012	1	A
4,4'-DDT	ND		ug/l	0.100	0.011	1	A
Endosulfan I	ND		ug/l	0.050	0.009	1	A
Endosulfan II	ND		ug/l	0.100	0.013	1	A
Endosulfan sulfate	ND		ug/l	0.100	0.012	1	A
Methoxychlor	ND		ug/l	0.500	0.017	1	A
Toxaphene	ND		ug/l	0.500	0.157	1	A
cis-Chlordane	ND		ug/l	0.050	0.017	1	A
trans-Chlordane	ND		ug/l	0.050	0.016	1	A
Chlordane	ND		ug/l	0.500	0.116	1	A

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03 Date Collected: 09/12/19 10:30

Client ID: TW-5 Date Received: 09/12/19

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	107		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04
Client ID: SB-26 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 08:40
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/19 04:13
Analyst: AMC
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/16/19 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.342	1	A
Lindane	ND		ug/kg	0.728	0.326	1	A
Alpha-BHC	ND		ug/kg	0.728	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.663	1	A
Heptachlor	ND		ug/kg	0.874	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.984	1	A
Endrin	ND		ug/kg	0.728	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.765	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.546	1	A
4,4'-DDE	ND		ug/kg	1.75	0.404	1	A
4,4'-DDD	ND		ug/kg	1.75	0.624	1	A
4,4'-DDT	ND		ug/kg	3.28	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.584	1	A
Endosulfan sulfate	ND		ug/kg	0.728	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.18	1	A
cis-Chlordane	ND		ug/kg	2.18	0.609	1	A
trans-Chlordane	ND		ug/kg	2.18	0.577	1	A
Chlordane	ND		ug/kg	14.2	5.79	1	A

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04 Date Collected: 09/12/19 08:40

Client ID: SB-26 (1.5-2) Date Received: 09/12/19

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	76		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	53		30-150	A

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05
Client ID: SB-29 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/19 08:43
Analyst: AMC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/19 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.709	0.317	1	A
Alpha-BHC	ND		ug/kg	0.709	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.851	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.958	1	A
Endrin	ND		ug/kg	0.709	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.745	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	ND		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.607	1	A
4,4'-DDT	ND		ug/kg	3.19	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.569	1	A
Endosulfan sulfate	ND		ug/kg	0.709	0.338	1	A
Methoxychlor	ND		ug/kg	3.19	0.993	1	A
Toxaphene	ND		ug/kg	31.9	8.94	1	A
cis-Chlordane	ND		ug/kg	2.13	0.593	1	A
trans-Chlordane	ND		ug/kg	2.13	0.562	1	A
Chlordane	ND		ug/kg	13.8	5.64	1	A

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05 Date Collected: 09/12/19 09:00

Client ID: SB-29 (2-2.5) Date Received: 09/12/19

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	93		30-150	B
Decachlorobiphenyl	65		30-150	B
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	66		30-150	A

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/19/19 02:54
Analyst: AMC

Extraction Method: EPA 3546
Extraction Date: 09/16/19 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04-05 Batch: WG1284406-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	2.88	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.5	5.10	A

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/19/19 02:54
Analyst: AMC

Extraction Method: EPA 3546
Extraction Date: 09/16/19 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04-05 Batch: WG1284406-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	98		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/19/19 02:09
Analyst: AMC

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 07:24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1284935-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND	IP	ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND	IP	ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A
4,4'-DDT	ND	IP	ug/l	0.029	0.003	B

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/19/19 02:09
Analyst: AMC

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 07:24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1284935-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/19/19 01:24
Analyst: AMC

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1285169-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.008	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/19/19 01:24
Analyst: AMC

Extraction Method: EPA 3510C
Extraction Date: 09/17/19 15:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1285169-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	44		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04-05 Batch: WG1284406-2 WG1284406-3									
Delta-BHC	101		110		30-150	9		30	A
Lindane	93		101		30-150	8		30	A
Alpha-BHC	102		111		30-150	8		30	A
Beta-BHC	92		99		30-150	7		30	A
Heptachlor	97		106		30-150	9		30	A
Aldrin	85		104		30-150	20		30	A
Heptachlor epoxide	93		103		30-150	10		30	A
Endrin	99		114		30-150	14		30	A
Endrin aldehyde	78		96		30-150	21		30	A
Endrin ketone	103		118		30-150	14		30	A
Dieldrin	100		117		30-150	16		30	A
4,4'-DDE	88		110		30-150	22		30	A
4,4'-DDD	98		113		30-150	14		30	A
4,4'-DDT	103		118		30-150	14		30	A
Endosulfan I	85		103		30-150	19		30	A
Endosulfan II	97		111		30-150	13		30	A
Endosulfan sulfate	109		124		30-150	13		30	A
Methoxychlor	92		103		30-150	11		30	A
cis-Chlordane	71		92		30-150	26		30	A
trans-Chlordane	80		85		30-150	6		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04-05 Batch: WG1284406-2 WG1284406-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		95		30-150	B
Decachlorobiphenyl	72		81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		90		30-150	A
Decachlorobiphenyl	69		73		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1284935-2 WG1284935-3									
Delta-BHC	38		39		30-150	4		20	A
Lindane	41		42		30-150	2		20	A
Alpha-BHC	42		42		30-150	1		20	A
Beta-BHC	43		43		30-150	0		20	A
Heptachlor	41		41		30-150	0		20	A
Aldrin	41		42		30-150	1		20	A
Heptachlor epoxide	46		48		30-150	3		20	A
Endrin	43		46		30-150	6		20	A
Endrin aldehyde	37		41		30-150	9		20	A
Endrin ketone	46		48		30-150	6		20	A
Dieldrin	45		47		30-150	5		20	A
4,4'-DDE	42		44		30-150	3		20	A
4,4'-DDD	42		45		30-150	6		20	A
4,4'-DDT	44		47		30-150	6		20	A
Endosulfan I	42		43		30-150	4		20	A
Endosulfan II	44		47		30-150	6		20	A
Endosulfan sulfate	49		52		30-150	6		20	A
Methoxychlor	43		48		30-150	10		20	A
cis-Chlordane	40		40		30-150	0		20	A
trans-Chlordane	41		42		30-150	3		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1284935-2 WG1284935-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		41		30-150	A
Decachlorobiphenyl	46		48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		41		30-150	B
Decachlorobiphenyl	39		41		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1285169-2 WG1285169-3									
Delta-BHC	53		49		30-150	7		20	A
Lindane	54		50		30-150	7		20	A
Alpha-BHC	55		52		30-150	7		20	A
Beta-BHC	49		46		30-150	7		20	A
Heptachlor	49		46		30-150	7		20	A
Aldrin	51		47		30-150	8		20	A
Heptachlor epoxide	55		51		30-150	7		20	A
Endrin	54		50		30-150	8		20	A
Endrin aldehyde	46		43		30-150	6		20	A
Endrin ketone	55		51		30-150	8		20	A
Dieldrin	55		51		30-150	8		20	A
4,4'-DDE	52		48		30-150	8		20	A
4,4'-DDD	51		47		30-150	8		20	A
4,4'-DDT	53		49		30-150	8		20	A
Endosulfan I	50		46		30-150	8		20	A
Endosulfan II	50		47		30-150	7		20	A
Endosulfan sulfate	58		54		30-150	8		20	A
Methoxychlor	48		45		30-150	6		20	A
cis-Chlordane	46		43		30-150	7		20	A
trans-Chlordane	50		46		30-150	7		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1285169-2 WG1285169-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		50		30-150	A
Decachlorobiphenyl	50		45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		52		30-150	B
Decachlorobiphenyl	42		38		30-150	B

METALS

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01 Date Collected: 09/11/19 14:30

Client ID: TW-3 Date Received: 09/12/19

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

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	82.2		mg/l	0.100	0.032	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Arsenic, Total	0.006		mg/l	0.005	0.002	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Barium, Total	1.46		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Beryllium, Total	0.003	J	mg/l	0.005	0.001	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Cadmium, Total	0.004	J	mg/l	0.005	0.001	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Calcium, Total	146		mg/l	0.100	0.035	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Chromium, Total	0.283		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Cobalt, Total	0.163		mg/l	0.020	0.002	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Copper, Total	0.270		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Iron, Total	112		mg/l	0.050	0.009	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Lead, Total	0.152		mg/l	0.010	0.003	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Magnesium, Total	36.0		mg/l	0.100	0.015	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Manganese, Total	9.80		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/17/19 14:15	09/17/19 18:13	EPA 7470A	1,7470A	GD
Nickel, Total	0.248		mg/l	0.025	0.002	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Potassium, Total	42.9		mg/l	2.50	0.237	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Silver, Total	ND		mg/l	0.007	0.003	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Sodium, Total	309		mg/l	2.00	0.120	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Thallium, Total	0.003	J	mg/l	0.020	0.003	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Vanadium, Total	0.162		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC
Zinc, Total	0.460		mg/l	0.050	0.002	1	09/17/19 15:29	09/18/19 19:16	EPA 3005A	1,6010D	MC

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02 Date Collected: 09/12/19 09:20

Client ID: TW-4 Date Received: 09/12/19

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

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	32.5		mg/l	0.100	0.032	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Barium, Total	0.615		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Cadmium, Total	0.002	J	mg/l	0.005	0.001	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Calcium, Total	159		mg/l	0.100	0.035	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Chromium, Total	0.109		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Cobalt, Total	0.048		mg/l	0.020	0.002	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Copper, Total	0.118		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Iron, Total	57.7		mg/l	0.050	0.009	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Lead, Total	0.083		mg/l	0.010	0.003	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Magnesium, Total	27.3		mg/l	0.100	0.015	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Manganese, Total	4.03		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Mercury, Total	0.00026		mg/l	0.00020	0.00009	1	09/17/19 14:15	09/17/19 18:15	EPA 7470A	1,7470A	GD
Nickel, Total	0.096		mg/l	0.025	0.002	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Potassium, Total	33.9		mg/l	2.50	0.237	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Silver, Total	ND		mg/l	0.007	0.003	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Sodium, Total	877		mg/l	2.00	0.120	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Vanadium, Total	0.085		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC
Zinc, Total	0.327		mg/l	0.050	0.002	1	09/17/19 15:29	09/18/19 19:21	EPA 3005A	1,6010D	MC

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03 Date Collected: 09/12/19 10:30

Client ID: TW-5 Date Received: 09/12/19

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

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	36.9		mg/l	0.100	0.032	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Arsenic, Total	0.003	J	mg/l	0.005	0.002	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Barium, Total	0.541		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Beryllium, Total	0.001	J	mg/l	0.005	0.001	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Cadmium, Total	0.002	J	mg/l	0.005	0.001	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Calcium, Total	76.2		mg/l	0.100	0.035	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Chromium, Total	0.126		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Cobalt, Total	0.053		mg/l	0.020	0.002	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Copper, Total	0.105		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Iron, Total	64.6		mg/l	0.050	0.009	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Lead, Total	0.049		mg/l	0.010	0.003	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Magnesium, Total	27.2		mg/l	0.100	0.015	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Manganese, Total	4.32		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/17/19 14:15	09/17/19 18:17	EPA 7470A	1,7470A	GD
Nickel, Total	0.099		mg/l	0.025	0.002	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Potassium, Total	27.9		mg/l	2.50	0.237	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Silver, Total	ND		mg/l	0.007	0.003	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Sodium, Total	535		mg/l	2.00	0.120	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Vanadium, Total	0.091		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC
Zinc, Total	0.217		mg/l	0.050	0.002	1	09/17/19 15:29	09/18/19 19:37	EPA 3005A	1,6010D	MC

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04 Date Collected: 09/12/19 08:40

Client ID: SB-26 (1.5-2) Date Received: 09/12/19

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

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	8.66	2.34	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Antimony, Total	0.944	J	mg/kg	4.33	0.329	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Arsenic, Total	5.27		mg/kg	0.866	0.180	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Barium, Total	181		mg/kg	0.866	0.151	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Beryllium, Total	0.355	J	mg/kg	0.433	0.029	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.866	0.085	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Calcium, Total	3500		mg/kg	8.66	3.03	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Chromium, Total	21.4		mg/kg	0.866	0.083	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Cobalt, Total	6.95		mg/kg	1.73	0.144	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Copper, Total	39.6		mg/kg	0.866	0.224	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Iron, Total	16300		mg/kg	4.33	0.782	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Lead, Total	237		mg/kg	4.33	0.232	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Magnesium, Total	2450		mg/kg	8.66	1.33	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Manganese, Total	390		mg/kg	0.866	0.138	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Mercury, Total	1.50		mg/kg	0.071	0.047	1	09/18/19 10:30	09/18/19 17:04	EPA 7471B	1,7471B	GD
Nickel, Total	11.9		mg/kg	2.17	0.210	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Potassium, Total	1620		mg/kg	217	12.5	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Selenium, Total	0.468	J	mg/kg	1.73	0.224	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.866	0.245	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Sodium, Total	219		mg/kg	173	2.73	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.73	0.273	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Vanadium, Total	22.4		mg/kg	0.866	0.176	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC
Zinc, Total	89.3		mg/kg	4.33	0.254	2	09/16/19 21:59	09/17/19 21:13	EPA 3050B	1,6010D	MC

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05 Date Collected: 09/12/19 09:00

Client ID: SB-29 (2-2.5) Date Received: 09/12/19

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

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9580		mg/kg	8.53	2.30	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.26	0.324	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Arsenic, Total	1.18		mg/kg	0.853	0.177	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Barium, Total	60.4		mg/kg	0.853	0.148	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Beryllium, Total	0.213	J	mg/kg	0.426	0.028	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.853	0.084	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Calcium, Total	1450		mg/kg	8.53	2.98	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Chromium, Total	16.5		mg/kg	0.853	0.082	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Cobalt, Total	6.59		mg/kg	1.70	0.142	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Copper, Total	13.9		mg/kg	0.853	0.220	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Iron, Total	13400		mg/kg	4.26	0.770	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Lead, Total	12.6		mg/kg	4.26	0.228	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Magnesium, Total	1950		mg/kg	8.53	1.31	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Manganese, Total	451		mg/kg	0.853	0.136	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.069	0.045	1	09/18/19 10:30	09/18/19 17:08	EPA 7471B	1,7471B	GD
Nickel, Total	13.0		mg/kg	2.13	0.206	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Potassium, Total	2270		mg/kg	213	12.3	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.70	0.220	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.853	0.241	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Sodium, Total	56.1	J	mg/kg	170	2.69	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.70	0.269	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Vanadium, Total	19.9		mg/kg	0.853	0.173	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC
Zinc, Total	72.5		mg/kg	4.26	0.250	2	09/16/19 21:59	09/17/19 21:17	EPA 3050B	1,6010D	MC

Project Name: 500 MAIN ST. **Lab Number:** L1941891

Project Number: 10637 **Report Date:** 09/26/19

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): 04-05 Batch: WG1284792-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Copper, Total	ND		mg/kg	0.400	0.103	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Iron, Total	0.460	J	mg/kg	2.00	0.361	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Potassium, Total	ND		mg/kg	100	5.76	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Sodium, Total	ND		mg/kg	80.0	1.26	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/16/19 21:59	09/17/19 18:18	1,6010D	MC

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): 01-03 Batch: WG1285100-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/17/19 14:15	09/17/19 17:43	1,7470A	GD

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1285111-1										
Aluminum, Total	ND		mg/l	0.100	0.032	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Arsenic, Total	ND		mg/l	0.005	0.002	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Barium, Total	ND		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Cadmium, Total	ND		mg/l	0.005	0.001	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Calcium, Total	ND		mg/l	0.100	0.035	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Chromium, Total	ND		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Cobalt, Total	ND		mg/l	0.020	0.002	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Copper, Total	ND		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Iron, Total	ND		mg/l	0.050	0.009	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Lead, Total	ND		mg/l	0.010	0.003	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Magnesium, Total	ND		mg/l	0.100	0.015	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Manganese, Total	ND		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Nickel, Total	ND		mg/l	0.025	0.002	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Potassium, Total	ND		mg/l	2.50	0.237	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Silver, Total	ND		mg/l	0.007	0.003	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Sodium, Total	ND		mg/l	2.00	0.120	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Vanadium, Total	ND		mg/l	0.010	0.002	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC
Zinc, Total	ND		mg/l	0.050	0.002	1	09/17/19 15:29	09/18/19 17:53	1,6010D	MC

Prep Information

Digestion Method: EPA 3005A

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

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): 04-05 Batch: WG1285482-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/18/19 10:30	09/18/19 16:18	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.

Project Number: 10637

Lab Number: L1941891

Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-05 Batch: WG1284792-2 SRM Lot Number: D105-540								
Aluminum, Total	60		-		51-149	-		
Antimony, Total	156		-		19-249	-		
Arsenic, Total	106		-		70-130	-		
Barium, Total	88		-		75-125	-		
Beryllium, Total	95		-		75-125	-		
Cadmium, Total	101		-		75-125	-		
Calcium, Total	77		-		73-127	-		
Chromium, Total	82		-		70-130	-		
Cobalt, Total	100		-		75-125	-		
Copper, Total	87		-		75-125	-		
Iron, Total	70		-		38-162	-		
Lead, Total	94		-		71-128	-		
Magnesium, Total	74		-		63-137	-		
Manganese, Total	80		-		76-124	-		
Nickel, Total	98		-		70-131	-		
Potassium, Total	73		-		60-140	-		
Selenium, Total	101		-		63-137	-		
Silver, Total	84		-		69-131	-		
Sodium, Total	85		-		37-162	-		
Thallium, Total	100		-		68-132	-		
Vanadium, Total	84		-		65-135	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.

Project Number: 10637

Lab Number: L1941891

Report Date: 09/26/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-05 Batch: WG1284792-2 SRM Lot Number: D105-540					
Zinc, Total	99	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1285100-2					
Mercury, Total	92	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.

Project Number: 10637

Lab Number: L1941891

Report Date: 09/26/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1285111-2					
Aluminum, Total	104	-	80-120	-	
Antimony, Total	100	-	80-120	-	
Arsenic, Total	115	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	103	-	80-120	-	
Cadmium, Total	110	-	80-120	-	
Calcium, Total	87	-	80-120	-	
Chromium, Total	103	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	109	-	80-120	-	
Magnesium, Total	85	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	105	-	80-120	-	
Potassium, Total	89	-	80-120	-	
Selenium, Total	112	-	80-120	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	88	-	80-120	-	
Thallium, Total	109	-	80-120	-	
Vanadium, Total	106	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.

Project Number: 10637

Lab Number: L1941891

Report Date: 09/26/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1285111-2					
Zinc, Total	110	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 04-05 Batch: WG1285482-2 SRM Lot Number: D105-540					
Mercury, Total	111	-	60-141	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

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): 04-05 QC Batch ID: WG1284792-3 WG1284792-4 QC Sample: L1941616-05 Client ID: MS Sample												
Aluminum, Total	4530	181	4120	**0**	Q	4310	**0**	Q	75-125	5		20
Antimony, Total	0.602J	45.3	44.3	98		43.0	99		75-125	3		20
Arsenic, Total	2.53	10.9	13.5	101		13.2	103		75-125	2		20
Barium, Total	42.4	181	191	82		188	84		75-125	2		20
Beryllium, Total	0.171J	4.53	4.10	90		4.12	95		75-125	0		20
Cadmium, Total	ND	4.62	3.70	80		3.51	80		75-125	5		20
Calcium, Total	16900	906	21000	**452**	Q	19800	**335**	Q	75-125	6		20
Chromium, Total	6.46	18.1	20.2	76		21.2	85		75-125	5		20
Cobalt, Total	4.37	45.3	44.1	88		43.0	89		75-125	3		20
Copper, Total	19.3	22.6	43.7	108		37.9	86		75-125	14		20
Iron, Total	10800	90.6	9200	**0**	Q	10000	**0**	Q	75-125	8		20
Lead, Total	2.74J	46.2	42.9	93		41.5	94		75-125	3		20
Magnesium, Total	5660	906	5060	**0**	Q	6420	88		75-125	**24**	Q	20
Manganese, Total	336	45.3	397	**135**	Q	409	**169**	Q	75-125	3		20
Nickel, Total	8.88	45.3	46.6	83		45.9	86		75-125	2		20
Potassium, Total	439	906	1190	83		1200	88		75-125	1		20
Selenium, Total	ND	10.9	10.5	96		10.5	101		75-125	0		20
Silver, Total	ND	27.2	21.5	79		22.4	86		75-125	4		20
Sodium, Total	252	906	1040	87		1050	92		75-125	1		20
Thallium, Total	ND	10.9	8.83	81		8.75	84		75-125	1		20
Vanadium, Total	10.7	45.3	49.4	85		51.2	94		75-125	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

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): 04-05 QC Batch ID: WG1284792-3 WG1284792-4 QC Sample: L1941616-05 Client ID: MS Sample									
Zinc, Total	21.9	45.3	63.0	91	61.5	92	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1285100-3 QC Sample: L1941656-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00483	97	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

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): 01-03 QC Batch ID: WG1285111-3 QC Sample: L1941866-12 Client ID: MS Sample										
Aluminum, Total	ND	2	2.05	102		-	-	75-125	-	20
Antimony, Total	0.016J	0.5	0.513	103		-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.142	118		-	-	75-125	-	20
Barium, Total	0.020	2	2.08	103		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.050	100		-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.054	107		-	-	75-125	-	20
Calcium, Total	151	10	155	**40**	Q	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.202	101		-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.498	100		-	-	75-125	-	20
Copper, Total	ND	0.25	0.250	100		-	-	75-125	-	20
Iron, Total	0.020J	1	1.04	104		-	-	75-125	-	20
Lead, Total	ND	0.51	0.535	105		-	-	75-125	-	20
Magnesium, Total	27.7	10	35.4	77		-	-	75-125	-	20
Manganese, Total	0.078	0.5	0.572	99		-	-	75-125	-	20
Nickel, Total	ND	0.5	0.501	100		-	-	75-125	-	20
Potassium, Total	1.58J	10	10.9	109		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.096	80		-	-	75-125	-	20
Silver, Total	ND	0.05	0.051	102		-	-	75-125	-	20
Sodium, Total	9.49	10	18.4	89		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.127	106		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.523	105		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

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): 01-03 QC Batch ID: WG1285111-3 QC Sample: L1941866-12 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.531	106	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 04-05 QC Batch ID: WG1285482-3 QC Sample: L1941863-01 Client ID: MS Sample									
Mercury, Total	ND	0.134	0.141	105	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 500 MAIN ST.

Project Number: 10637

Lab Number: L1941891

Report Date: 09/26/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1285100-4 QC Sample: L1941656-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 04-05 QC Batch ID: WG1285482-4 QC Sample: L1941863-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-01
Client ID: TW-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	09/13/19 11:30	09/13/19 14:50	1,9010C/9012B	LH

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-02
Client ID: TW-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 09:20
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	09/13/19 11:30	09/13/19 14:55	1,9010C/9012B	LH

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-03
Client ID: TW-5
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 10:30
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	09/13/19 11:30	09/13/19 14:56	1,9010C/9012B	LH

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-04
Client ID: SB-26 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/12/19 08:40
Date Received: 09/12/19
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	88.1		%	0.100	NA	1	-	09/13/19 12:52	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/13/19 12:35	09/13/19 15:10	1,9010C/9012B	LH

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

SAMPLE RESULTS

Lab ID: L1941891-05
Client ID: SB-29 (2-2.5)
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 09/12/19 09:00
Date Received: 09/12/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	09/13/19 12:52	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/13/19 12:35	09/13/19 15:11	1,9010C/9012B	LH

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

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): 01-03 Batch: WG1283760-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	09/13/19 11:30	09/13/19 14:12	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 04-05 Batch: WG1283846-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	09/13/19 12:35	09/13/19 14:57	1,9010C/9012B	LH

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.

Project Number: 10637

Lab Number: L1941891

Report Date: 09/26/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1283760-2 WG1283760-3								
Cyanide, Total	96		95		85-115	1		20
General Chemistry - Westborough Lab Associated sample(s): 04-05 Batch: WG1283846-2 WG1283846-3								
Cyanide, Total	**73**	Q	**67**	Q	80-120	9		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941891
Report Date: 09/26/19

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): 01-03 QC Batch ID: WG1283760-4 WG1283760-5 QC Sample: L1941891-01 Client ID: TW-3												
Cyanide, Total	ND	0.2	0.193	96		0.184	92		80-120	5		20
General Chemistry - Westborough Lab Associated sample(s): 04-05 QC Batch ID: WG1283846-4 WG1283846-5 QC Sample: L1941850-01 Client ID: MS Sample												
Cyanide, Total	ND	10	10	95		10	95		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 500 MAIN ST.

Project Number: 10637

Lab Number: L1941891

Report Date: 09/26/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04-05 QC Batch ID: WG1283796-1 QC Sample: L1941863-01 Client ID: DUP Sample						
Solids, Total	93.2	93.4	%	0		20

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

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(*)
L1941891-01A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-01B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-01C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-01D	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-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),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1941891-01E	Plastic 250ml NaOH preserved	A	>12	>12	2.7	Y	Absent		TCN-9010(14)
L1941891-01F	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1941891-01G	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1941891-01H	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081(7)
L1941891-01I	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081(7)
L1941891-01J	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(7)
L1941891-01K	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(7)
L1941891-02A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-02B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-02C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-02D	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-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),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1941891-02E	Plastic 250ml NaOH preserved	A	>12	>12	2.7	Y	Absent		TCN-9010(14)
L1941891-02F	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1941891-02G	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1941891-02H	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081(7)
L1941891-02I	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081(7)
L1941891-02J	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(7)
L1941891-02K	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(7)
L1941891-03A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-03B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-03C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-03D	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-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),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1941891-03E	Plastic 250ml NaOH preserved	A	>12	>12	2.7	Y	Absent		TCN-9010(14)
L1941891-03F	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1941891-03G	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1941891-03H	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081(7)
L1941891-03I	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-1200ML(7)
L1941891-04A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1941891-04B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1941891-04C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1941891-04D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L1941891-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-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),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1941891-04F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1941891-04X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1941891-04Y	Vial Water preserved split	A	NA		2.7	Y	Absent	13-SEP-19 12:15	NYTCL-8260HLW(14)
L1941891-04Z	Vial Water preserved split	A	NA		2.7	Y	Absent	13-SEP-19 12:15	NYTCL-8260HLW(14)
L1941891-05A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941891
Report Date: 09/26/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1941891-05B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1941891-05C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1941891-05D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L1941891-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-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),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1941891-05F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1941891-05X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1941891-05Y	Vial Water preserved split	A	NA		2.7	Y	Absent	13-SEP-19 12:15	NYTCL-8260HLW(14)
L1941891-05Z	Vial Water preserved split	A	NA		2.7	Y	Absent	13-SEP-19 12:15	NYTCL-8260HLW(14)
L1941891-06A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L1941891-06B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	500 MAIN ST.	**Lab Number:**	L1941891
Project Number:	10637	**Report Date:**	09/26/19

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:	500 MAIN ST.	**Lab Number:**	L1941891
Project Number:	10637	**Report Date:**	09/26/19

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:	500 MAIN ST.	**Lab Number:**	L1941891
Project Number:	10637	**Report Date:**	09/26/19

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.

ALPHA

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

NEW JERSEY CHAIN OF CUSTODY

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: 9/12/19

ALPHA Job #: L1941891

Client Information

Client: SESI
Address: 120 Maple ave
Pine Brook, NJ
Phone: 973 808 9050
Fax:
Email: JAM@sesi.org

Project Information

Project Name: 500 Main St
Project Location: New Rochelle, NY
Project #: 10637
(Use Project name as Project #) ☐
Project Manager: Jesse Mausner
ALPHAQuote #:

Turn-Around Time

Standard ☒ 1 week Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other Email / Excel

Billing Information

☒ Same as Client Info
PO # 10637 Phase 1

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☒ Other NY unrestricted

Site Information

Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

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 8260/TAL	TCL VOLS	Sample Specific Comments	Total Bottle
41891 - 01	TW-3	9/11/19	1430	GW	JCS	X			
02	TW-4	9/12/19	920	GW	JCS	X			
03	TW-5	9/12/19	1030	GW	JCS	X		*Limited Volume	
04	SB-26(1.5-2)	9/12/19	840	Soil	JCS	X		*Limited Volume	
05	SB-29(2-2.5)	9/12/19	900	Soil	JCS	X		*Limited Volume	
06	TB	9/10/19					X		

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	PA V	V									
Preservative	AB CE	B									

Relinquished By:	Date/Time	Received By:	Date/Time
	9/12/19 1500		9/12/19 1500
	9/12/19 1600		9/12/19 1600
	9/12/19 2112		9/12/19 2112

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: 01-14 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1941898
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Jesse Mausner
Phone:	(973) 808-9050
Project Name:	500 MAIN ST.
Project Number:	10637
Report Date:	09/18/19

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

Serial_No:09181915:48

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1941898-01	IA-1	AIR	NEW ROCHELLE, NY	09/11/19 13:53	09/12/19
L1941898-02	IA-2	AIR	NEW ROCHELLE, NY	09/11/19 13:35	09/12/19
L1941898-03	AA-1	AIR	NEW ROCHELLE, NY	09/11/19 13:47	09/12/19
L1941898-04	IA-3	AIR	NEW ROCHELLE, NY	09/11/19 14:40	09/12/19
L1941898-05	IA-4	AIR	NEW ROCHELLE, NY	09/11/19 15:13	09/12/19
L1941898-06	UNUSED CAN 2081	AIR	NEW ROCHELLE, NY		09/12/19

Project Name:	500 MAIN ST.	**Lab Number:**	L1941898
Project Number:	10637	**Report Date:**	09/18/19

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: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 10, 2019. The canister certification results are provided as an addendum.

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: 09/18/19

AIR

Project Name: 500 MAIN ST. ***Lab Number:*** L1941898

Project Number: 10637 ***Report Date:*** 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-01
Client ID: IA-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:53
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/16/19 18:16
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.32	0.200	--	6.53	0.989	--		1
Chloromethane	0.422	0.200	--	0.871	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.07	1.00	--	4.92	2.38	--		1
Trichlorofluoromethane	0.221	0.200	--	1.24	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	0.909	0.500	--	3.16	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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-01
Client ID: IA-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:53
Date Received: 09/12/19
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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	0.379	0.200	--	1.43	0.754	--		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
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-01
Client ID: IA-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:53
Date Received: 09/12/19
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								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.219	0.200	--	1.32	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-01
Client ID: IA-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:53
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/16/19 18:16
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.089	0.020	--	0.560	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.033	0.020	--	0.224	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	100		60-140

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-02
Client ID: IA-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:35
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/16/19 18:55
Analyst: RY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.10	0.200	--	5.44	0.989	--		1
Chloromethane	0.391	0.200	--	0.807	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.15	1.00	--	5.11	2.38	--		1
Trichlorofluoromethane	0.225	0.200	--	1.26	1.12	--		1
Isopropanol	0.510	0.500	--	1.25	1.23	--		1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-02
Client ID: IA-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:35
Date Received: 09/12/19
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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	0.372	0.200	--	1.40	0.754	--		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
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-02
Client ID: IA-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:35
Date Received: 09/12/19
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								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: 500 MAIN ST. **Lab Number:** L1941898
Project Number: 10637 **Report Date:** 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-02
Client ID: IA-2
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:35
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/16/19 18:55
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.077	0.020	--	0.484	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.035	0.020	--	0.237	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	102		60-140

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-03
Client ID: AA-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:47
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/16/19 17:36
Analyst: RY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.478	0.200	--	2.36	0.989	--		1
Chloromethane	0.472	0.200	--	0.975	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.78	5.00	--	14.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.40	1.00	--	15.2	2.38	--		1
Trichlorofluoromethane	0.200	0.200	--	1.12	1.12	--		1
Isopropanol	0.898	0.500	--	2.21	1.23	--		1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-03
Client ID: AA-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:47
Date Received: 09/12/19
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.407	0.200	--	1.43	0.705	--		1
Benzene	0.401	0.200	--	1.28	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	0.437	0.200	--	2.04	0.934	--		1
Heptane	0.233	0.200	--	0.955	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	0.980	0.200	--	3.69	0.754	--		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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.449	0.400	--	1.95	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
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-03
Client ID: AA-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:47
Date Received: 09/12/19
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								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	100		60-140

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-03
Client ID: AA-1
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 13:47
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/16/19 17:36
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.063	0.020	--	0.396	0.126	--		1
Trichloroethene	0.027	0.020	--	0.145	0.107	--		1
Tetrachloroethene	0.044	0.020	--	0.298	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	102		60-140

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-04
Client ID: IA-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:40
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/16/19 19:35
Analyst: RY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.563	0.200	--	2.78	0.989	--		1
Chloromethane	0.564	0.200	--	1.16	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	17.0	1.00	--	40.4	2.38	--		1
Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--		1
Isopropanol	1.58	0.500	--	3.88	1.23	--		1
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
2-Butanone	1.16	0.500	--	3.42	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.452	0.200	--	2.21	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-04
Client ID: IA-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:40
Date Received: 09/12/19
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.212	0.200	--	0.747	0.705	--		1
Benzene	0.586	0.200	--	1.87	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	0.208	0.200	--	0.972	0.934	--		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	0.743	0.200	--	2.80	0.754	--		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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.21	0.200	--	5.26	0.869	--		1
p/m-Xylene	5.01	0.400	--	21.8	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	1.56	0.200	--	6.78	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-04
Client ID: IA-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:40
Date Received: 09/12/19
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								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	1.02	0.200	--	6.13	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	101		60-140

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-04
Client ID: IA-3
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 14:40
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/16/19 19:35
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.097	0.020	--	0.385	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.067	0.020	--	0.421	0.126	--		1
Trichloroethene	0.224	0.020	--	1.20	0.107	--		1
Tetrachloroethene	0.074	0.020	--	0.502	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	103		60-140

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-05
Client ID: IA-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 15:13
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/16/19 20:14
Analyst: RY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.481	0.200	--	2.38	0.989	--		1
Chloromethane	0.506	0.200	--	1.04	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	108	5.00	--	203	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.60	1.00	--	18.1	2.38	--		1
Trichlorofluoromethane	0.217	0.200	--	1.22	1.12	--		1
Isopropanol	3.09	0.500	--	7.60	1.23	--		1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-05
Client ID: IA-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 15:13
Date Received: 09/12/19
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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	0.526	0.200	--	1.98	0.754	--		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
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 500 MAIN ST. ***Lab Number:*** L1941898

Project Number: 10637 ***Report Date:*** 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-05
Client ID: IA-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 15:13
Date Received: 09/12/19
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								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

SAMPLE RESULTS

Lab ID: L1941898-05
Client ID: IA-4
Sample Location: NEW ROCHELLE, NY

Date Collected: 09/11/19 15:13
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/16/19 20:14
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.039	0.020	--	0.264	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	100		60-140

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/16/19 16:09

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 for sample(s): 01-05 Batch: WG1284717-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/16/19 15:30

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): 01-05 Batch: WG1284718-4								
Propylene	ND	0.500	--	ND	0.861	--		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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 500 MAIN ST. **Lab Number:** L1941898

Project Number: 10637 **Report Date:** 09/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/16/19 15:30

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): 01-05 Batch: WG1284718-4								
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
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		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
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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/16/19 15:30

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): 01-05 Batch: WG1284718-4								
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-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: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05 Batch: WG1284717-3								
Vinyl chloride	95		-		70-130	-		25
1,1-Dichloroethene	96		-		70-130	-		25
cis-1,2-Dichloroethene	100		-		70-130	-		25
1,1,1-Trichloroethane	97		-		70-130	-		25
Carbon tetrachloride	103		-		70-130	-		25
Trichloroethene	95		-		70-130	-		25
Tetrachloroethene	94		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1284718-3								
Propylene	116		-		70-130	-		
Dichlorodifluoromethane	95		-		70-130	-		
Chloromethane	98		-		70-130	-		
Freon-114	100		-		70-130	-		
Vinyl chloride	102		-		70-130	-		
1,3-Butadiene	104		-		70-130	-		
Bromomethane	102		-		70-130	-		
Chloroethane	102		-		70-130	-		
Ethanol	95		-		40-160	-		
Vinyl bromide	94		-		70-130	-		
Acetone	81		-		40-160	-		
Trichlorofluoromethane	94		-		70-130	-		
Isopropanol	83		-		40-160	-		
1,1-Dichloroethene	100		-		70-130	-		
Tertiary butyl Alcohol	100		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
Freon-113	101		-		70-130	-		
trans-1,2-Dichloroethene	106		-		70-130	-		
1,1-Dichloroethane	104		-		70-130	-		
Methyl tert butyl ether	103		-		70-130	-		
Vinyl acetate	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637
Lab Number: L1941898
Report Date: 09/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1284718-3								
2-Butanone	100		-		70-130	-		
cis-1,2-Dichloroethene	109		-		70-130	-		
Ethyl Acetate	108		-		70-130	-		
Chloroform	111		-		70-130	-		
Tetrahydrofuran	99		-		70-130	-		
1,2-Dichloroethane	106		-		70-130	-		
n-Hexane	106		-		70-130	-		
1,1,1-Trichloroethane	102		-		70-130	-		
Benzene	102		-		70-130	-		
Carbon tetrachloride	106		-		70-130	-		
Cyclohexane	107		-		70-130	-		
1,2-Dichloropropane	101		-		70-130	-		
Bromodichloromethane	107		-		70-130	-		
1,4-Dioxane	104		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	108		-		70-130	-		
Heptane	101		-		70-130	-		
cis-1,3-Dichloropropene	109		-		70-130	-		
4-Methyl-2-pentanone	103		-		70-130	-		
trans-1,3-Dichloropropene	93		-		70-130	-		
1,1,2-Trichloroethane	102		-		70-130	-		
Toluene	96		-		70-130	-		
2-Hexanone	110		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1284718-3								
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		
Tetrachloroethene	98		-		70-130	-		
Chlorobenzene	102		-		70-130	-		
Ethylbenzene	99		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	108		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,2,2-Tetrachloroethane	109		-		70-130	-		
o-Xylene	102		-		70-130	-		
4-Ethyltoluene	100		-		70-130	-		
1,3,5-Trimethylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	105		-		70-130	-		
Benzyl chloride	104		-		70-130	-		
1,3-Dichlorobenzene	104		-		70-130	-		
1,4-Dichlorobenzene	105		-		70-130	-		
1,2-Dichlorobenzene	106		-		70-130	-		
1,2,4-Trichlorobenzene	98		-		70-130	-		
Hexachlorobutadiene	75		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1284717-5 QC Sample: L1941898-05 Client ID: IA-4						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.074	0.075	ppbV	1		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	0.039	0.040	ppbV	3		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1284718-5 QC Sample: L1941898-05 Client ID: IA-4						
Dichlorodifluoromethane	0.481	0.472	ppbV	2		25
Chloromethane	0.506	0.513	ppbV	1		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	108	102	ppbV	6		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	7.60	7.69	ppbV	1		25
Trichlorofluoromethane	0.217	0.203	ppbV	7		25
Isopropanol	3.09	3.09	ppbV	0		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1284718-5 QC Sample: L1941898-05 Client ID: IA-4						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	0.526	0.536	ppbV	2		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1284718-5 QC Sample: L1941898-05 Client ID: IA-4						
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Serial_No:09181915:48

Project Name: 500 MAIN ST.

Lab Number: L1941898

Project Number: 10637

Report Date: 09/18/19

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
L1941898-01	IA-1	01271	FLOW 5	09/10/19	301632		-	-	-	Pass	8.9	7.4	18
L1941898-01	IA-1	475	2.7L Can	09/10/19	301632	L1940312-01	Pass	-29.5	-7.2	-	-	-	-
L1941898-02	IA-2	01288	Flow 5	09/10/19	301632		-	-	-	Pass	9.0	9.4	4
L1941898-02	IA-2	3031	2.7L Can	09/10/19	301632	L1940312-01	Pass	-29.5	0.0	-	-	-	-
L1941898-03	AA-1	0833	Flow 5	09/10/19	301632		-	-	-	Pass	9.0	8.3	8
L1941898-03	AA-1	2339	2.7L Can	09/10/19	301632	L1940312-01	Pass	-29.5	-5.5	-	-	-	-
L1941898-04	IA-3	01281	Flow 5	09/10/19	301632		-	-	-	Pass	9.0	8.6	5
L1941898-04	IA-3	2238	2.7L Can	09/10/19	301632	L1940312-01	Pass	-29.5	-6.0	-	-	-	-
L1941898-05	IA-4	0284	Flow 5	09/10/19	301632		-	-	-	Pass	9.0	8.4	7
L1941898-05	IA-4	2767	2.7L Can	09/10/19	301632	L1940312-01	Pass	-29.5	-5.9	-	-	-	-
L1941898-06	UNUSED CAN 2081	01247	FLOW 5	09/10/19	301632		-	-	-	Pass	9.0	8.0	12
L1941898-06	UNUSED CAN 2081	2081	2.7L Can	09/10/19	301632	L1940312-01	Pass	-29.5	-29.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1940312
Report Date: 09/18/19

Air Canister Certification Results

Lab ID: L1940312-01
Client ID: CAN 341 SHELF 1
Sample Location:

Date Collected: 09/04/19 16:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/05/19 16:50
Analyst: RY

	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: L1940312
Report Date: 09/18/19

Air Canister Certification Results

Lab ID: L1940312-01
Client ID: CAN 341 SHELF 1
Sample Location:

Date Collected: 09/04/19 16:00
Date Received: 09/05/19
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
Xylenes, total	ND	0.600	--	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
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: L1940312
Report Date: 09/18/19

Air Canister Certification Results

Lab ID: L1940312-01
Client ID: CAN 341 SHELF 1
Sample Location:

Date Collected: 09/04/19 16:00
Date Received: 09/05/19
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: L1940312
Report Date: 09/18/19

Air Canister Certification Results

Lab ID: L1940312-01
Client ID: CAN 341 SHELF 1
Sample Location:

Date Collected: 09/04/19 16:00
Date Received: 09/05/19
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: L1940312
Report Date: 09/18/19

Air Canister Certification Results

Lab ID: L1940312-01
Client ID: CAN 341 SHELF 1
Sample Location:

Date Collected: 09/04/19 16:00
Date Received: 09/05/19
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	99		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1940312
Report Date: 09/18/19

Air Canister Certification Results

Lab ID: L1940312-01
Client ID: CAN 341 SHELF 1
Sample Location:

Date Collected: 09/04/19 16:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/05/19 16:50
Analyst: EW

	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 **Lab Number:** L1940312

Project Number: CANISTER QC BAT **Report Date:** 09/18/19

Air Canister Certification Results

Lab ID: L1940312-01
Client ID: CAN 341 SHELF 1
Sample Location:

Date Collected: 09/04/19 16:00
Date Received: 09/05/19
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 **Lab Number:** L1940312

Project Number: CANISTER QC BAT **Report Date:** 09/18/19

Air Canister Certification Results

Lab ID: L1940312-01
Client ID: CAN 341 SHELF 1
Sample Location:

Date Collected: 09/04/19 16:00
Date Received: 09/05/19
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	98		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140

Project Name: 500 MAIN ST.
Project Number: 10637

Lab Number: L1941898
Report Date: 09/18/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	***Custody Seal***
NA	Present/Intact

Container Information

Container ID	***Container Type***	***Cooler***	***Initial pH***	***Final pH***	***Temp deg C***	***Pres***	***Seal***	***Frozen Date/Time***	***Analysis(*)***
L1941898-01A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30),TO15-SIM(30)
L1941898-02A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30),TO15-SIM(30)
L1941898-03A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30),TO15-SIM(30)
L1941898-04A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30),TO15-SIM(30)
L1941898-05A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30),TO15-SIM(30)
L1941898-06A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	500 MAIN ST.	**Lab Number:**	L1941898
Project Number:	10637	**Report Date:**	09/18/19

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:	500 MAIN ST.	**Lab Number:**	L1941898
Project Number:	10637	**Report Date:**	09/18/19

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: 500 MAIN ST. **Lab Number:** L1941898

Project Number: 10637 **Report Date:** 09/18/19

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.

Serial_No:09181915:48

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY — PAGE 1 OF 1

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

Date Rec'd in Lab: 9/13/19

ALPHA Job #: L1941898

Client Information
Client: SeSi
Address: 12a Mapleave, Pine Brook, NJ
Phone: 973 808 9050
Fax:
Email: JAM@sesi.org
☐ These samples have been previously analyzed by Alpha
Other Project Specific Requirements/Comments:
Project-Specific Target Compound List: ☐

Project Information
Project Name: 500 Main St
Project Location: New Rochelle, NY
Project #: 10637
Project Manager: Jesse Mausner
ALPHA Quote #:

Turn-Around Time
☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: 1 week 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)

Billing Information
☒ Same as Client info PO #: 10637 Phase 1

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NY	Unrestricted	Res

All Columns Below Must Be Filled Out

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	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
	IA-1	9/12/19	933	1353	-30.01	-7.01	AA	JCS	2.7L	475	01271	X						
	IA-2		935	1335	-30.07	-0.0			2.7L	3031	01288							Regulator read 0.0 before sample time was complete
	AA-1		947	1347	-29.80	-4.37			2.7L	2334	0833							
	IA-3		1040	1440	-30.05	-4.80			2.7L	2238	01281							
	IA-4		1113	1513	-30.11	-4.77			2.7L	2762	0284							

*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:
	9/12/19 1600		9/12 1500
	9/12 2200		9/13/19 0200

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)