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Phase II Environmental Site Assessment Report

For:

Proposed Mixed-Use Development

177 North Avenue

Block 215, Lot 42

New Rochelle, Westchester County, NY

Prepared for:

177 North Avenue Owner LLC

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SESI Project No:
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LIST OF ACRONYMS

Acronym	Definition
AWQS	Class GA Ambient Water Quality Standards and Guidance Values
BCP	Brownfield Cleanup Program
BER	Business Environmental Risks
COC	Chain of Custody
CVOC	Chlorinated Volatile Organic Compound
ELAP	Environmental laboratory Accreditation Program
ESA	Environmental Site Assessment
ft bgs	feet below ground surface
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PGWSCOs	Protection of Groundwater Soil Cleanup Objectives
PID	Photoionization Detector
ppm	parts per million
REC	Recognized Environmental Conditions
RI	Remedial Investigation
RIWP	Remedial Investigation Work Plan
RRSCO	Restricted Residential Soil Cleanup Objective
RSCO	Residential Soil Cleanup Objective
SESI	SESI Consulting Engineers, DPC
SVOC	Semi-Volatile Organic Compound
TAL	Target Analyte List
TCL	Target Compound List
TIC	Tentatively Identified Compound
USCO	Unrestricted Use Soil Cleanup Objective
UST	Underground Storage Tank
VOC	Volatile Organic Compound

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1.0 INTRODUCTION

SESI Consulting Engineers (SESI), on behalf of the Requestor 177 North Avenue Owner LLC, the prospective purchaser for the referenced Site located at 177 North Avenue in New Rochelle, Westchester County, New York, has completed this Phase II Investigation. It should be noted that this Phase II Environmental Site Assessment (ESA) Report has been developed to support your due diligence and a future brownfield cleanup application for entry into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The results of our investigation are provided herein.

1.1 SITE SETTING

The Site consists of an approximately 0.433-acre parcel located at 177 North Avenue in New Rochelle, Westchester County, New York (the "Site"). The Site is identified on local tax map records as Block 215, Lot 42. The property boundary formerly included Lots 51, 52 and 54 and the very southern portion of Lot 29, but these former lots were merged and reconfigured several times to become the current Lot 42. The Site has been and is currently developed with an asphalt parking lot from the late 1940s/early 1950s to the present. The Site is bound to the north by additional asphalt parking and a church, to the west by North Avenue, to the south by Clinton Place and commercial spaces, and to the east by apartment buildings. The nearest surface water body is the Long Island Sound located approximately 0.5 miles east of the Site. A Site Location Map is provided as **Figure 1.1**. A Site Plan is included as **Figure 1.2**.

According to sources reviewed during the Phase I ESA, this Site contained a laundry (circa 1887 until potentially 1911), residential dwellings which likely contained heating oil tanks that may have leaked and a long history of vehicular parking, which has led to some significant petroleum contamination. In addition, the Site appears to have been filled with contaminated fill soils that contained high levels of heavy metals, particularly barium, lead, and mercury.

1.2 PROPOSED DEVELOPMENT

The planned redevelopment of the Site entails an eight-story mixed-use building. The first floor will be for commercial use, followed by three (3) floors of parking, each floor accommodating approximately 32 parking spaces, for a total of 96 parking spaces. The next four (4) floors will be residential units, with approximately eight (8) units per floor, for a total of 32 residential units. The Site is only a 5-minute walk from the New Rochelle Transit Center, and is thus a transit-oriented development project, which will provide commuters with a 35-minute Metro North ride to Manhattan's Grand Central Terminal, as well as Amtrak access to the northeast corridor and local bus services.

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Travelers by car can access major thoroughfares including Interstate 95, US Route 1, and the Hutchinson River Parkway.

1.3 SITE GEOLOGY

As per the USDA National Cooperative Soil Survey map for the area, the soils at the Subject Property are characterized as UoA (Urban Land outwash substratum) urban land which is surface covered by pavement, concrete, buildings, and other structures underlain by disturbed and natural soil material, till substratum, 0 to 3 percent slopes. The depth of the groundwater at the subject property is approximately 8 to 15 feet below ground surface (ft bgs), and groundwater flow direction is expected to be in the southeast direction towards the Long Island Sound based on regional topography.

1.4 PREVIOUS INVESTIGATIONS

The following environmental reports were prepared for the Site and are summarized in the following sections:

- Phase I Environmental Site Assessment, , prepared by SESI Consulting Engineers (SESI) for BRP 466 Main Street LLC, dated July 2024. Note this Phase I included this Site and the 466 Main Street site to the north, which is a separate BCP Site No. C360266 that was brought into the BCP by that BCP Site Owner BRP 466 Main Street LLC
- Phase I Environmental Site Assessment, prepared by SESI for Requestor 177 North Avenue Owner LLC, dated July 2026

The July 2026 Phase I ESA prepared by SESI identified the following Recognized three (3) Environmental Conditions (RECs) and one (1) Business Environmental Risk (BER) for the Site:

- **REC 1 – Former Property Operations:** The Sanborn fire insurance maps indicated a laundry (circa 1887 until potentially 1911). These historic operations may have adversely impacted the Site due to the potential use of detergents and chlorinated solvents, which have been identified in soil vapor samples. Remediation and mitigation of the identified contamination will be required as part of the planned redevelopment of the Site.
- **REC 2 – Contaminated Historic Fill:** The soil at the Site contains elevated concentrations of heavy metals, including barium, lead, and mercury, with mercury identified at concentrations up to two (2) orders of magnitude above the Restricted Residential Soil Cleanup Objective.

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- **REC 3- Contaminated Groundwater:** The groundwater at the Site contains significant petroleum-related contamination exceeding NYSDEC AWQS, likely the result of former heating oil tanks on the Site.

The following BER has been identified:

- **BER 1 – Monitoring Wells:** Two (2) monitoring wells were identified just south of the Subject Property on the sidewalk along Clinton Place. During previous investigations, two (2) additional monitoring wells were identified, including one (1) well in the northern portion of the Site and one (1) well on the north-adjacent property south of the on-site structure. These wells were placed by others prior to the SESI Phase II investigations and SESI has been unable to determine when and why these wells exist at the Site. These wells should be properly decommissioned prior to redevelopment.

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2.0 SUBSURFACE INVESTIGATION

SESI conducted a Phase II ESA to evaluate subsurface conditions. The investigation included ground penetrating radar (GPR) surveys, advancement of soil borings and collection of soil samples, installation of temporary wellpoints and collection of groundwater samples, and installation and sampling of soil vapor points. The investigation was conducted between August 2022 and October 2023.

In total, 19 soil borings were advanced to a maximum depth of 10.0 ft bgs, four (4) temporary wells collected a total of four (4) groundwater samples, and two (2) soil vapor points collected a total of two (2) soil vapor samples. The sampling locations are depicted on the attached **Figure 2.1**. The subsurface investigation is further discussed in the following sections of this report.

2.1 UTILITY CLEARANCE AND GEOPHYSICAL SURVEY

Prior to conducting subsurface drilling for the investigation, SESI's drilling contractor, Coastal Environmental Solutions, contacted the New York One Call utility mark-out system. In addition, SESI retained Coastal Environmental Solutions to perform a geophysical survey using GPR and electromagnetic detection equipment to clear proposed sample locations and identify and subsurface anomalies representative of underground storage tanks (USTs). The GPR survey did not identify remnant USTs associated with the historical structures. The GPR report is provided in **Appendix A**.

2.2 SOIL INVESTIGATION

A total of 19 soil borings were advanced throughout the Site using direct push drilling techniques to a maximum depth of 10.0 ft bgs. The recovered soil cores from the borings were field screened with a photoionization detector (PID) and observed for visual and olfactory indications of contamination. Minor elevated PID readings were observed (ranged from 0.0-4.0 parts per million [ppm]). Historic fill generally consisted of brown coarse to fine sand, with varying amounts of silt and gravel. Debris within the historic fill layer included concrete and brick. The historic fill materials were encountered to a maximum depth of 10.0 ft bgs. **Table 2.1** below presents a list of the borings, sample IDs, boring depth, sample date and analysis completed. The soil boring logs are presented in **Appendix B**. A total of 19 soil samples were collected from the borings and submitted under proper chain of custody (COC) to Pace Analytical Laboratories (Pace), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. All soil samples were collected as discrete grab samples and were not composited.

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Table 2.1 – Soil Boring Summary Table

Boring ID	Sample ID	Sample Depth (ft bgs)	Sample Date	Analysis
SB-1	SB-1 (7.5-8.0)	7.5-8.0	8/6/2022	TCL+30/TAL & PFAS
SB-2	SB-2 (5.5-6)	5.5-6.0	8/6/2022	TCL+30/TAL
SB-3	SB-3 (7.5-8)	7.5-8.0	8/6/2022	TCL+30/TAL
SB-4	SB-4 (6.5-7)	6.5-7.0	8/6/2022	TCL+30/TAL
SB-5	SB-5 (6.5-7)	6.5-7.0	8/6/2022	TCL+30/TAL
SB-6	SB-6 (8.0-8.5)	8.0-8.5	8/6/2022	TCL+30/TAL
SB-7	SB-7 (6.5-7)	6.5-7.0	8/6/2022	TCL+30/TAL
SB-201	SB-201 (4-4.5)	4.0-4.5	1/28/2023	TCL+30/TAL
SB-202	SB-202 (1.5-2)	1.5-2.0	1/28/2023	TCL+30/TAL
SB-203	SB-203 (3.5-4)	3.5-4.0	1/28/2023	TCL+30/TAL
SB-204	SB-204 (1-1.5)	1.0-1.5	1/28/2023	TCL+30/TAL
SB-205	SB-205 (2.5-3)	2.5-3.0	1/28/2023	TCL+30/TAL
SB-206	SB-206 (3.5-4)	3.5-4.0	1/28/2023	TCL+30/TAL
SB-207	SB-207 (3-3.5)	3.0-3.5	1/28/2023	TCL+30/TAL
SB-208	SB-208 (4-4.5)	4.0-4.5	1/28/2023	TCL+30/TAL
SB-209	SB-209 (2.5-3)	2.5-3.0	1/28/2023	TCL+30/TAL
SB-306	SB-306 (6-6.5)	6.0-6.5	10/16/2023	TCL+30/TAL & PFAS
SB-307	SB-307 (9.5-10)	9.5-10.0	10/18/2023	TCL+30/TAL
SB-308	SB-308 (3.5-4)	3.5-4.0	10/18/2023	TCL+30/TAL

2.2.1 SOIL ANALYTICAL RESULTS

A total of 19 subsurface soil samples were collected during the investigation to evaluate the potential impacts from former Site uses and to partially satisfy the requirements of the Site potentially entering the BCP. The soil samples were submitted to Pace Analytical Laboratories for analysis of a combination of the Target Compound List (TCL) plus thirty (30) tentatively identified compounds (TICs)/Target Analyte List (TAL) suite, which includes volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), TAL metals, pesticides, and cyanide, in addition to per- and polyfluoroalkyl substances (PFAS).

A summary table of the analytical results compared to NYSDEC Unrestricted Soil Cleanup Objectives (USCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs), is presented in the attached **Table 2.2**. The laboratory analytical reports are provided in **Appendix C**. The following **Table 2.3** presents a summary of NYSDEC SCO exceedances. The soil sampling results are shown on **Figure 2.2**.

Table 2.3 – Summary of Soil Exceedances

SAMPLE ID:				SB-1 (7.5-8.0)		SB-2 (5.5-6)		SB-3 (7.5-8)		SB-4 (6.5-7)		SB-5 (6.5-7)	
LAB ID:				L2242456-01		L2242456-02		L2242456-03		L2242456-04		L2242456-05	
COLLECTION DATE:				8/6/2022		8/6/2022		8/6/2022		8/6/2022		8/6/2022	
SAMPLE DEPTH (FT):				7.5-8.0		5.5-6.0		7.5-8.0		6.5-7.0		6.5-7.0	
ANALYTE	USCO	RRSCO	PGWSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Pesticides (mg/kg)													
4,4'-DDD	0.0033	5	14	ND		ND		ND		ND		ND	
4,4'-DDE	0.0033	3.4	9.3	ND		ND		ND		ND		ND	
4,4'-DDT	0.0033	3.8	135	ND		ND		ND		ND		ND	
Dieldrin	0.005	0.075	0.1	ND		ND		ND		ND		ND	
Metals (mg/kg)													
Barium, Total	410	410	820	49		45.6		63.9		45		58.7	
Chromium, Total	30	110	NS	17.6		13.5		13.8		12.1		17.6	
Copper, Total	50	280	1720	13.1		10.6		13.5		8.47		15.1	
Lead, Total	63	400	450	3.05	J	30.5		2.57	J	6.31		3.66	J
Mercury, Total	0.18	0.3	0.73	ND		0.17		ND		ND		ND	
Nickel, Total	30	320	130	11		8.74		11.8		7.75		12.9	
Zinc, Total	109	6600	2480	21.3		25.5		20.1		19.6		22.9	

SAMPLE ID:				SB-6 (8.0-8.5)		SB-7 (6.5-7)		SB-201 (4-4.5)		SB-202 (1.5-2)		SB-203 (3.5-4)	
LAB ID:				L2242456-06		L2242456-07		L2305142-01		L2305142-02		L2305142-03	
COLLECTION DATE:				8/6/2022		8/6/2022		1/28/2023		1/28/2023		1/28/2023	
SAMPLE DEPTH (FT):				8.0-8.5		6.5-7.0		4.0-4.5		1.5-2.0		3.5-4.0	
ANALYTE	USCO	RRSCO	PGWSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Pesticides (mg/kg)													
4,4'-DDD	0.0033	5	14	ND		ND		ND		ND		0.0212	
4,4'-DDE	0.0033	3.4	9.3	ND		ND		ND		ND		0.0183	
4,4'-DDT	0.0033	3.8	135	ND		ND		ND		ND		0.0151	
Dieldrin	0.005	0.075	0.1	ND		ND		ND		ND		0.00706	
Metals (mg/kg)													
Barium, Total	410	410	820	65.8		109		205		131		76.8	
Chromium, Total	30	110	NS	14.6		21.8		14.3		17.2		18.1	
Copper, Total	50	280	1720	13		13.5		36.7		23.7		19.7	
Lead, Total	63	400	450	2.26	J	11.8		56.9		505		334	
Mercury, Total	0.18	0.3	0.73	ND		ND		0.114		23		0.079	
Nickel, Total	30	320	130	12.9		13.6		11.7		11.8		12.7	
Zinc, Total	109	6600	2480	21.6		36.8		127		213		102	

SAMPLE ID:				SB-204 (1-1.5)		SB-205 (2.5-3)		SB-206 (3.5-4)		SB-207 (3-3.5)		SB-208 (4-4.5)	
LAB ID:				L2305142-04		L2305142-05		L2305142-06		L2305142-07		L2305142-08	
COLLECTION DATE:				1/28/2023		1/28/2023		1/28/2023		1/28/2023		1/28/2023	
SAMPLE DEPTH (FT):				1.0-1.5		2.5-3.0		3.5-4.0		3.0-3.5		4.0-4.5	
ANALYTE	USCO	RRSCO	PGWSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Pesticides (mg/kg)													
4,4'-DDD	0.0033	5	14	0.0192		ND		0.00349		ND		ND	
4,4'-DDE	0.0033	3.4	9.3	0.0414		ND		ND		ND		0.00359	
4,4'-DDT	0.0033	3.8	135	0.0421		ND		0.00686		ND		0.00253	IP
Dieldrin	0.005	0.075	0.1	ND		ND		ND		ND		ND	
Metals (mg/kg)													
Barium, Total	410	410	820	91.1		38.3		109		99.9		105	
Chromium, Total	30	110	NS	15		3.81		13		30.1		10.3	
Copper, Total	50	280	1720	35.8		14.5		32.7		30.4		22.7	
Lead, Total	63	400	450	287		89.3		335		360		131	
Mercury, Total	0.18	0.3	0.73	0.341		0.158		0.251		6.46		0.187	
Nickel, Total	30	320	130	10.6		5.35		10.8		11.8		7.99	
Zinc, Total	109	6600	2480	164		43		117		162		87.7	

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SAMPLE ID:				SB-209 (2.5-3)		SB-306 (6-6.5)		SB-307 (9.5-10)		SB-308 (3.5-4)	
LAB ID:				L2305142-09		L2361279-01		L2361842-02		L2361842-01	
COLLECTION DATE:				1/28/2023		10/16/2023		10/18/2023		10/18/2023	
SAMPLE DEPTH (FT):				2.5-3.0		6.0-6.5		9.5-10.0		3.5-4.0	
ANALYTE	USCO	RRSCO	PGWSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Pesticides (mg/kg)											
4,4'-DDD	0.0033	5	14	ND		ND		ND		ND	
4,4'-DDE	0.0033	3.4	9.3	ND		ND		ND		ND	
4,4'-DDT	0.0033	3.8	135	ND		ND		ND		ND	
Dieldrin	0.005	0.075	0.1	ND		ND		ND		ND	
Metals (mg/kg)											
Barium, Total	410	410	820	509		62.7		68.4		40.8	
Chromium, Total	30	110	NS	31.1		16.7		18.3		35.4	
Copper, Total	50	280	1720	84.3		14.4		12.4		28.7	
Lead, Total	63	400	450	626		3.66	J	3.69	J	20.6	
Mercury, Total	•0.18	0.3	0.73	7.86		ND		ND		ND	
Nickel, Total	30	320	130	13.7		13.6		12		52.1	
Zinc, Total	109	6600	2480	443		20		25.5		20	

Notes

USCO: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006, revised December 31, 2025.

RRSCO: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006, revised December 31, 2025.

PGWSCO: New York NYCRR Part 375 Protection of Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006, revised December 31, 2025.

Exceedance of USCO

Exceedance of RRSCO

Exceedance of PGWSCO

J = Estimated

ND = Not Detected

- = Not Tested

The borings exhibited exceedances of the RRSCOs for barium, lead, and mercury. A total of two (2) borings exhibited exceedances of PGWSCOs for lead. Other borings exhibited exceedances of the USCOs for pesticides and/or other metals.

2.3 GROUNDWATER INVESTIGATION

To evaluate groundwater quality at the Site, SESI collected four (4) groundwater samples from four (4) temporary wells. The groundwater samples were collected by advancing a one inch inside diameter polyvinyl chloride well screen and riser pipe in the annular space of the borings temporarily. The groundwater samples were collected using low-flow sampling techniques with a peristaltic pump and disposable tubing or bailers.

2.3.1 GROUNDWATER ANALYTICAL RESULTS

A total of four (4) groundwater samples were collected between August 2022 and October 2023 and submitted to Pace for analysis of TCL+30/TAL, 1,4-dioxane and PFAS.

A summary table of the analytical results compared to NYSDEC TOGS AWQS is presented in the attached **Table 2.4**. The laboratory analytical reports are provided in **Appendix C**. The following **Table 2.5** presents a summary of NYSDEC Ambient Water Quality Standards (AWQS) exceedances. The groundwater sampling results are shown on **Figure 2.3**.

Table 2.5 – Summary of Groundwater Exceedances

SAMPLE ID:		TW-1		TW-201		TW-301		TW-302	
LAB ID:		L2242491-01		L2305142-16		L2361842-03		L2362230-02	
COLLECTION DATE:		8/6/2022		1/28/2023		10/18/2023		10/19/2023	
ANALYTE	NY-AWQS	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOCs (ug/l)									
1,2,4-Trimethylbenzene	5	ND		ND		ND		11	
2-Butanone	50	ND		ND		2.8	J	61	
Acetone	50	ND		3.9	J	18		280	
Benzene	1	ND		ND		ND		180	
Ethylbenzene	5	ND		ND		ND		26	
Naphthalene	10	ND		ND		ND		20	
o-Xylene	5	ND		ND		ND		34	
p/m-Xylene	5	ND		ND		ND		54	
Toluene	5	ND		ND		ND		190	
PFAS (ug/l)									
PFOS	0.0027	0.0106		0.0213		ND		ND	
PFOA	0.0067	0.0665		0.0396		ND		ND	
SVOCs (ug/l)									
Bis(2-ethylhexyl)phthalate	5	ND		ND		17		ND	
Phenol	1	ND		ND		ND		6.6	
SVOCs - SIM (ug/l)									
Benzo(a)anthracene	0.002	0.03	J	ND		0.1	J	ND	
Benzo(b)fluoranthene	0.002	ND		ND		0.03	J	ND	
Benzo(k)fluoranthene	0.002	ND		ND		0.02	J	ND	
Chrysene	0.002	0.01	J	ND		0.02	J	ND	
Naphthalene	10	ND		ND		0.15		11	
Metals (ug/l)									
Arsenic, Total	25	1.08		25.71		6.5		6.36	
Barium, Total	1000	237.8		7864		3221		3929	
Beryllium, Total	3	0.44	J	9.4		6.1		5.46	
Cadmium, Total	5	0.11	J	8.42		4.88		2.66	
Chromium, Total	50	37.19		807.6		700.8		617	
Copper, Total	200	31.54		625.5		2864		414.2	
Iron, Total	300	28700		222000		226000		223000	
Lead, Total	25	7.14		1350		282.2		149.9	
Magnesium, Total	35000	102000		144000		75100		125000	
Manganese, Total	300	947.5		94000		40800		26730	
Nickel, Total	100	37.84		1208		1273		1025	
Selenium, Total	10	14.6		119		36.4		136	
Silver, Total	50	0.23	J	0.4		2010		0.59	J
Sodium, Total	20000	314000		64800		170000		182000	
Thallium, Total	0.5	0.49	J	3.61		1.72		2.5	

Notes
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.
Exceedance of NY-AWQS
J = Estimated
ND = Not Detected
- = Not Tested
PFOS = Perfluorooctanesulfonic Acid
PFOA = Perfluorooctanoic Acid

Groundwater exhibited exceedances of the AWQS for VOCs, PFAS, SVOCs, and/or total metals in each temporary well.

2.4 SOIL VAPOR INVESTIGATION

A total of two (2) soil vapor points were installed between August 2022 and January 2023 to evaluate soil vapor conditions at the Site. Helium tracer gas was used to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. A total of two (2) soil vapor samples were collected from the soil vapor probes and submitted under the proper COC to Pace, a NYSDOH ELAP-certified laboratory.

2.4.1 SOIL VAPOR ANALYTICAL RESULTS

A total of two (2) soil vapor samples were collected from the exterior during the investigation and submitted to Pace for analysis of VOCs in accordance with United States Environmental Protection Agency (USEPA) Method TO-15.

A summary table of the analytical results is presented in the attached **Table 2.6**. The laboratory analytical reports are provided in **Appendix C**. The following **Table 2.7** presents a summary of NYSDOH Decision Matrices. The soil vapor sampling results are shown on **Figure 2.4.**

Table 2.7 – Summary of Soil Vapor Detections

SAMPLE ID:									SV-1		SV-201	
LAB ID:									L2242461-01		L2304933-01	
COLLECTION DATE:									8/6/2022		1/28/2023	
SAMPLE MATRIX:									SOIL_VAPOR		SOIL_VAPOR	
ANALYTE	NY-IAC-B	NY-SSC-B	NY-IAC-D	NY-SSC-D	NY-IAC-E	NY-SSC-E	NY-IAC-F	NY-SSC-F	Conc	RL	Conc	RL
VOCs (ug/m3)												
1,2,4-Trimethylbenzene			2	60					ND	3.51	2.37	0.983
1,3-Butadiene									88.5	1.58	3.94	0.442
2-Butanone									74	5.25	24.1	1.47
2-Hexanone									32.5	2.92	ND	0.82
4-Methyl-2-pentanone									27	7.29	ND	2.05
Acetone									297	8.48	35.2	2.38
Benzene			2	60					18.4	2.28	4.73	0.639
Carbon disulfide									81.9	2.22	2.58	0.623
Chloroform									ND	3.48	1.91	0.977
Chloromethane									2.93	1.47	ND	0.413
Cyclohexane			2	60					5.23	2.45	2.08	0.688
Dichlorodifluoromethane									ND	3.53	2.07	0.989
Ethanol									ND	33.5	34.7	9.42
Ethyl Acetate									12.9	6.41	5.08	1.8
Ethylbenzene			2	60					ND	3.1	**176**	0.869
Heptane					6	200			22.3	2.92	37.4	0.82
Isopropanol									10.8	4.38	3.44	1.23
Methylene chloride	3	100							24.8	6.18	ND	1.74
n-Hexane					6	200			38.1	2.51	123	0.705
o-Xylene			2	60					ND	3.1	**151**	0.869
p/m-Xylene					6	200			7.3	6.21	**547**	1.74
Tertiary butyl Alcohol									55.8	5.4	2.66	1.52
Tetrachloroethene	3	100							ND	4.83	6.98	1.36
Tetrahydrofuran									9.73	5.25	ND	1.47
Toluene							10	300	24.8	2.69	56.2	0.754
trans-1,2-Dichloroethene									3.32	2.83	ND	0.793

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Notes
ug/m^3: Micrograms per cubic meter
Bold: Elevated Concentration
Action Required by NYSDOH Decision Matrix
NY-IAC-B: New York DOH Matrix B Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-IAC-D: New York DOH Matrix D Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-IAC-E: New York DOH Matrix E Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-IAC-F: New York DOH Matrix F Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-D: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-SSC-E: New York DOH Matrix E Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.

A total of 26 VOCs were detected in the combined samples. Based on a comparison of the soil vapor results to the NYSDOH Soil Vapor/Indoor Air Matrices, there were elevated concentrations of ethylbenzene, o-xylene, and p/m-xylene in SV-201 that may require mitigation when compared to an associated indoor air sample. Should an additional collocated indoor air sample be present, other elevated concentrations may require further action.

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3.0 CONCLUSIONS

Between August 2022 and October 2023, SESI performed sampling of soil, groundwater, and soil vapor at the Site. For soil, the investigation activities completed by SESI confirmed the presence of barium, lead, and mercury above the RRSCOs, lead above PGWSCOs, and pesticides and other metals above the USCOs in soil/historic fill. In particular, mercury was present at very high levels in several borings throughout the Site, with concentrations up to two (2) orders of magnitude above the RRSCO. Groundwater sampling results indicated exceedances of the AWQS for VOCs, PFAS, SVOCs and total metals. Specifically, petroleum-related VOCs were high, likely the result leaking petroleum from the long history of vehicular parking and /or historic fuel tanks that were likely present in the former on-site structures, although no tanks were detected from the GPR survey. Finally, in soil vapor, elevated VOC concentrations, specifically of the petroleum-related compounds ethylbenzene, o-xylene, and p/m-xylene were found and may require mitigation following redevelopment.

Remediation and mitigation of the identified contamination will be required as part of the planned Site redevelopment.

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4.0 RECOMMENDATIONS

Based on the results and discussions with the development team, due to the future residential use on the Site, remediation will be required to ensure Site safety for the planned predominantly residential use. The Site will require further delineation to quantify the volume of soil, groundwater, and soil vapor that will require remediation to address the exceedances in soil, groundwater, and soil vapor.

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Tables

Table 2.2 - Summary of Soil Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:		2	4	8	SB-1 (7.5-8.0)				SB-2 (5.5-6)				SB-3 (7.5-8)				SB-4 (6.5-7)				SB-5 (6.5-7)				SB-6 (8.0-8.5)				SB-7 (6.5-7)			
LAB ID:					L2242456-01				L2242456-02				L2242456-03				L2242456-04				L2242456-05				L2242456-06				L2242456-07			
COLLECTION DATE:					8/6/2022				8/6/2022				8/6/2022				8/6/2022				8/6/2022				8/6/2022				8/6/2022			
SAMPLE DEPTH (FT):					7.5-8.0				5.5-6.0				7.5-8.0				6.5-7.0				6.5-7.0				8.0-8.5				6.5-7.0			
ANALYTE	CAS	USCO	RRSCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOCs (mg/kg)																																
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	ND		0.00052	0.00014	ND		0.00054	0.00014	ND		0.00044	0.00012	ND		0.00056	0.00015	ND		0.00049	0.00013	ND		0.00046	0.00012	ND		0.00055	0.00015
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	ND		0.00052	0.00017	ND		0.00054	0.00018	ND		0.00044	0.00015	ND		0.00056	0.00019	ND		0.00049	0.00016	ND		0.00046	0.00015	ND		0.00055	0.00018
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	ND		0.00052	0.00017	ND		0.00054	0.00018	ND		0.00044	0.00015	ND		0.00056	0.00018	ND		0.00049	0.00016	ND		0.00046	0.00015	ND		0.00055	0.00018
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	ND		0.001	0.00028	ND		0.0011	0.00029	ND		0.00088	0.00024	ND		0.0011	0.0003	ND		0.00098	0.00026	ND		0.00092	0.00024	ND		0.0011	0.0003
1,1-Dichloroethane	75-34-3	0.27	47	0.27	ND		0.001	0.00015	ND		0.0011	0.00016	ND		0.00088	0.00013	ND		0.0011	0.00016	ND		0.00098	0.00014	ND		0.00092	0.00013	ND		0.0011	0.00016
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	ND		0.001	0.00024	ND		0.0011	0.00026	ND		0.00088	0.00021	ND		0.0011	0.00026	ND		0.00098	0.00023	ND		0.00092	0.00022	ND		0.0011	0.00026
1,1-Dichloropropene	563-58-6	NS	NS	NS	ND		0.00052	0.00016	ND		0.00054	0.00017	ND		0.00044	0.00014	ND		0.00056	0.00018	ND		0.00049	0.00016	ND		0.00046	0.00015	ND		0.00055	0.00018
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	ND		0.0021	0.00033	ND		0.0022	0.00035	ND		0.0018	0.00028	ND		0.0022	0.00036	ND		0.002	0.00032	ND		0.0018	0.0003	ND		0.0022	0.00036
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	ND		0.0021	0.00013	ND		0.0022	0.00014	ND		0.0018	0.00011	ND		0.0022	0.00014	ND		0.002	0.00012	ND		0.0018	0.00012	ND		0.0022	0.00014
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	ND		0.0021	0.0002	ND		0.0022	0.00021	ND		0.0018	0.00017	ND		0.0022	0.00021	ND		0.002	0.00019	ND		0.0018	0.00018	ND		0.0022	0.00021
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	ND		0.0021	0.00028	ND		0.0022	0.00029	ND		0.0018	0.00024	ND		0.0022	0.0003	ND		0.002	0.00027	ND		0.0018	0.00025	ND		0.0022	0.0003
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	ND		0.0021	0.00034	ND		0.0022	0.00036	ND		0.0018	0.00029	ND		0.0022	0.00037	ND		0.002	0.00033	ND		0.0018	0.00031	ND		0.0022	0.00037
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	ND		0.0031	0.001	ND		0.0032	0.0011	ND		0.0026	0.00088	ND		0.0033	0.0011	ND		0.0029	0.00098	ND		0.0028	0.00092	ND		0.0033	0.0011
1,2-Dibromoethane	106-93-4	NS	NS	NS	ND		0.001	0.00029	ND		0.0011	0.0003	ND		0.00088	0.00024	ND		0.0011	0.00031	ND		0.00098	0.00027	ND		0.00092	0.00026	ND		0.0011	0.00031
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	ND		0.0021	0.00015	ND		0.0022	0.00016	ND		0.0018	0.00013	ND		0.0022	0.00016	ND		0.002	0.00014	ND		0.0018	0.00013	ND		0.0022	0.00016
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	ND		0.001	0.00026	ND		0.0011	0.00028	ND		0.00088	0.00023	ND		0.0011	0.00029	ND		0.00098	0.00025	ND		0.00092	0.00024	ND		0.0011	0.00028
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	ND		0.001	0.00014	ND		0.0011	0.00015	ND		0.00088	0.00012	ND		0.0011	0.00015	ND		0.00098	0.00013	ND		0.00092	0.00012	ND		0.0011	0.00015
1,2-Dichloropropane	78-87-5	NS	NS	NS	ND		0.001	0.00013	ND		0.0011	0.00014	ND		0.00088	0.00011	ND		0.0011	0.00014	ND		0.00098	0.00012	ND		0.00092	0.00011	ND		0.0011	0.00014
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	ND		0.0021	0.0002	ND		0.0022	0.00021	ND		0.0018	0.00017	ND		0.0022	0.00022	ND		0.002	0.00019	ND		0.0018	0.00018	ND		0.0022	0.00021
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	ND		0.0021	0.00015	ND		0.0022	0.00016	ND		0.0018	0.00013	ND		0.0022	0.00016	ND		0.002	0.00014	ND		0.0018	0.00014	ND		0.0022	0.00016
1,3-Dichloropropane	142-28-9	NS	NS	NS	ND		0.0021	0.00017	ND		0.0022	0.00018	ND		0.0018	0.00015	ND		0.0022	0.00019	ND		0.002	0.00016	ND		0.0018	0.00015	ND		0.0022	0.00018
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	ND		0.00052	0.00016	ND		0.00054	0.00017	ND		0.00044	0.00014	ND		0.00056	0.00018	ND		0.00049	0.00015	ND		0.00046	0.00014	ND		0.00055	0.00017
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	ND		0.0021	0.00018	ND		0.0022	0.00018	ND		0.0018	0.00015	ND		0.0022	0.00019	ND		0.002	0.00017	ND		0.0018	0.00016	ND		0.0022	0.00019
1,4-Dioxane	123-91-1	0.1	5.7	0.1	ND		0.082	0.036	ND		0.086	0.038	ND		0.07	0.031	ND		0.089	0.039	ND		0.078	0.034	ND		0.074	0.032	ND		0.088	0.039
2,2-Dichloropropane	594-20-7	NS	NS	NS	ND		0.0021	0.00021	ND		0.0022	0.00022	ND		0.0018	0.00018	ND		0.0022	0.00022	ND		0.002	0.0002	ND		0.0018	0.00018	ND		0.0022	0.00022
2-Butanone	78-93-3	0.1	100	0.1	ND		0.01	0.0023	ND		0.011	0.0024	ND		0.0088	0.002	ND		0.011	0.0025	ND		0.0098	0.0022	ND		0.0092	0.002	ND		0.011	0.0024
2-Hexanone	591-78-6	NS	NS	NS	ND		0.01	0.0012	ND		0.011	0.0013	ND		0.0088	0.001	ND		0.011	0.0013	ND		0.0098	0.0012	ND		0.0092	0.0011	ND		0.011	0.0013
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	ND		0.01	0.0013	ND		0.011	0.0014	ND		0.0088	0.0011	ND		0.011	0.0014	ND		0.0098	0.0012	ND		0.0092	0.0012	ND		0.011	0.0014
Acetone	67-64-1	0.03	100	0.03	0.01		0.01	0.005	0.0069	J	0.011	0.0052	0.0094		0.0088	0.0042	0.007	J	0.011	0.0054	0.0065	J	0.0098	0.0047	0.0094		0.0092	0.0044	ND		0.011	0.0053
Acrylonitrile	107-13-1	NS	NS	NS	ND		0.0041	0.0012	ND		0.0043	0.0012	ND		0.0035	0.001	ND		0.0045	0.0013	ND		0.0039	0.0011	ND		0.0037	0.001	ND		0.0044	0.0013
Benzene	71-43-2	0.06	3.7	0.06	ND		0.00052	0.00017	ND		0.00054	0.00018	ND		0.00044	0.00015	ND		0.00056	0.00018	ND		0.00049	0.00016	ND		0.00046	0.00015	ND		0.00055	0.00018
Bromobenzene	108-86-1	NS	NS	NS	ND		0.0021	0.00015	ND		0.0022	0.00016	ND		0.0018	0.00013	ND		0.0022	0.00016	ND		0.002	0.00014	ND		0.0018	0.00013	ND		0.0022	0.00016
Bromochloromethane	74-97-5	NS	NS	NS	ND		0.0021	0.00021	ND		0.0022	0.00022	ND		0.0018	0.00018	ND		0.0022	0.00023	ND		0.002	0.0002	ND		0.0018	0.00019	ND		0.0022	0.00023
Bromodichloromethane	75-27-4	NS	NS	NS	ND		0.00052	0.00011	ND		0.00054	0.00012	ND		0.00044	0.0001	ND		0.00056	0.00012	ND		0.00049	0.00011	ND		0.00046	0.0001	ND		0.00055	0.00012
Bromoform	75-25-2	NS	NS	NS	ND		0.0041	0.00025	ND		0.0043	0.00027	ND		0.0035	0.00022	ND		0.0045	0.00027	ND		0.0039	0.00024	ND		0.0037	0.00023	ND		0.0044	0.00027
Bromomethane	74-83-9	NS	NS	NS	ND		0.0021	0.0006	ND		0.0022	0.00063	ND		0.0018	0.00051	ND		0.0022	0.00065	ND		0.002	0.00057	ND		0.0018	0.00053	ND		0.0022	0.00064
Carbon disulfide	75-15-0	NS	NS	NS	ND		0.01	0.0047	ND		0.011	0.0049	ND		0.0088	0.004	ND		0.011	0.0051	ND		0.0098	0.0045	ND		0.0092	0.0042	ND		0.011	0.005
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	ND		0.001	0.00024	ND		0.0011	0.00025	ND		0.00088	0.0002	ND		0.0011	0.00026	ND		0.00098	0.00022	ND		0.00092	0.00021	ND		0.0011	0.00025
Chlorobenzene	108-90-7	4.5	100	4.5	ND		0.00052	0.00013	ND		0.00054	0.00014	ND		0.00044	0.00011	ND		0.00056	0.00014	ND		0.00049	0.00012	ND		0.00046	0.00012	ND		0.00055	0.00014
Chloroethane	75-00-3	NS	NS	NS	ND		0.0021	0.00046	ND		0.0022	0.00049	ND		0.0018	0.0004	ND		0.0022	0.0005	ND		0.002	0.00044	ND		0.0018	0.00042	ND		0.0022	0.0005
Chloroform	67-66-3	0.37	24	0.37	ND		0.0015	0.00014	ND		0.0016	0.00015	ND		0.0013	0.00012	ND		0.0017	0.00016	ND		0.0015	0.00014	ND		0.0014	0.00013	ND		0.0016	0.00015
Chloromethane	74-87-3	NS	NS	NS	ND		0.0041	0.00096	ND		0.0043	0.001	ND		0.0035	0.00082	ND		0.0045	0.001	ND		0.0039	0.00091	ND		0.0037	0.00086	ND		0.0044	0.001
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	ND		0.001	0.00018	ND		0.0011	0.00019	ND		0.00088	0.00015	ND		0.0011	0.0002	ND		0.00098	0.00017	ND		0.00092	0.00016	ND		0.0011	0.00019
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	ND		0.00052	0.00016	ND		0.00054	0.00017	ND		0.00044	0.00014	ND		0.00056	0.00018	ND		0.00049	0.00015	ND		0.00046	0.00014	ND		0.00055	0.00017
Dibromochloromethane	124-48-1	NS	NS	NS	ND		0.001	0.00014	ND		0.0011	0.00015	ND		0.00088	0.00012	ND		0.0011	0.00016	ND		0.00098	0.00014	ND		0.00092	0.00013	ND		0.0011	0.00015
Dibromomethane	74-95-3	NS	NS	NS	ND		0.0021	0.00024	ND		0.0022	0.00026	ND		0.0018	0.00021	ND		0.0022	0.00026	ND		0.002	0.00023	ND		0.0018	0.00022	ND		0.0022	0.00026
Dichlorodifluoromethane	75-71-8	NS	NS	NS	ND		0.01	0.00094	ND		0.011	0.00099	ND		0.0088	0.00081	ND		0.011	0.001	ND		0.0098	0.0009	ND		0.0092	0.00084	ND		0.011	0.001
Ethyl ether	60-29-7	NS	NS	NS	ND		0.0021	0.00035	ND		0.0022	0.00037	ND		0.0018	0.0003	ND		0.0022	0.00038	ND		0.002	0.00033	ND		0.0018	0.00031	ND		0.0022	0.00038
Ethylbenzene	100-41-4	1	76	1	ND		0.001	0.00014	ND		0.0011	0.00015	ND		0.00088	0.00012	ND		0.0011	0.00016	ND		0.00098	0.00014	ND		0.00092	0.00013	ND		0.0011	0.00016
Hexachlorobutadiene	87-68-3	NS	NS	NS	ND		0.0041	0.00017	ND		0.0043	0.00018	ND		0.0035	0.00015	ND		0.0045	0.00019	ND		0.0039	0.00016	ND		0.0037	0.00016	ND		0.0044	0.00019
Isopropylbenzene	98-82-8	NS	NS	NS	ND		0.001	0.00011	ND		0.0011	0.00012	ND		0.00088	0.0001	ND		0.0011	0.00012	ND		0.00098	0.00011	ND		0.00092	0.0001	ND		0.0011	0.00012
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	ND		0.0021	0.00021	ND		0.0022	0.00022	ND		0.0018	0.00018	ND		0.0022	0.00022	ND		0.002	0.0002	ND		0.0018	0.00018	ND		0.0022	0.00022
Methylene chloride	75-09-2	0.05	81	0.05	ND		0.0052	0.0024	ND		0.0054	0.0025	ND		0.0044	0.002	ND		0.0056	0.0026	ND		0.0049	0.0022	ND		0.0046	0.0021	ND		0.0055	0.0025
n-Butylbenzene	104-51-8	18	100	18	ND		0.001	0.00017	ND		0.0011	0.00018	ND		0.00088	0.00015	ND		0.0011	0.00019	ND		0.00098	0.00016	ND		0.00092	0.00015	ND		0.0011	0.00018
n-Propylbenzene	103-65-1	5	100	5	ND		0.001	0.00018	ND		0.0011	0.00018	ND		0.00088	0.00015	ND		0.0011	0.00019	ND		0.00098	0.00017	ND		0.00092	0.00016	ND		0.0011	0.00019
Naphthalene	91-20-3	12	100	12	ND		0.0041	0.00067	ND		0.0043	0.0007	ND		0.0035	0.00057	ND		0.0045	0.00072	ND		0.0039	0.00064	ND		0.0037	0.0006	ND		0.0044	0.00072
o-Chlorotoluene	95-49-8	NS	NS	NS	ND		0.0021	0.0002	ND		0.0022	0.00021	ND		0.0018	0.00017	ND		0.0022	0.00021	ND		0.002	0.00019	ND		0.0018	0.00018	ND		0.0022	0.00021
o-Xylene	95-47-6	NS	NS	NS	ND		0.001	0.0003	ND		0.0011	0.00031	ND		0.00088	0.00026	ND		0.0011	0.00032	ND		0.00098	0.00028	ND		0.00092	0.00027	ND		0.0011	0.00032
p-Chlorotoluene	106-43-4	NS	NS	NS	ND		0.0021	0.00011	ND		0.0022	0.00012	ND		0.0018	0.0001	ND		0.0022	0.00012	ND		0.002	0.0001	ND		0.0018	0.0001	ND		0.0022	0.00012
p-Diethylbenzene	105-05-5	NS	NS	NS	ND		0.0021	0.00018	ND		0.0022	0.00019	ND		0.0018	0.00016	ND		0.0022	0.0002	ND		0.002	0.00017	ND		0.0018	0.00016	ND		0.0022	0.0002
p-Ethyltoluene	622-96-8	NS	NS	NS	ND		0.0021	0.0004	ND		0.0022	0.00042	ND		0.0018	0.00034	ND		0.0022	0.00043	ND		0.002	0.00038	ND		0.0018	0.00035	ND		0.0022	0.00042
p-Isopropyltoluene	99-87-6	NS	NS	NS	ND		0.001	0.00011	ND		0.0011	0.00012	ND		0.00088	0.0001	ND		0.0011	0.00012	ND		0.00098	0.00011	ND		0.00092	0.0001	ND		0.0011	0.00012
p/m-Xylene	179601-23-1	NS	NS	NS	ND		0.0021	0.00058	ND		0.0022	0.00061	ND		0.0018	0.00049	ND		0.0022	0.00062	ND		0.002	0.00055	ND		0.0018	0.00051	ND		0.0022	0.00062
sec-Butylbenzene	135-98-8	25	100	25	ND		0.001	0.00015	ND		0.0011	0.00016	ND		0.00088	0.00013	ND		0.0011	0.00016	ND		0.00098	0.00014	ND		0.00092	0.00013	ND		0.0011	0.00016
Styrene	100-42-5	NS	NS	NS	0.00064	J	0.001	0.0002	0.00069	J	0.0011	0.00021	0.00054	J	0.00088	0.00017	0.00069	J	0.0011	0.00022	0.0006	J	0.00098	0.00019	0.00056	J	0.00092	0.00018	ND		0.0011	0.00022
tert-Butylbenzene	98-06-6	11	100	11	ND		0.0021	0.00012	ND		0.0022	0.00013	ND		0.0018	0.0001	ND		0.0022	0.00013	ND		0.002	0.00012	ND		0.0018	0.00011	ND		0.0022	0.00013
Tetrachloroethene	127-18-4	1.3	18	1.3	ND		0.00052	0.0002	ND		0.00054	0.00021	ND		0.00044	0.00017	ND		0.00056	0.00022	ND		0.00049	0.00019	ND		0.00046	0.00018	ND		0.00055	0.00022
Toluene	108-88-3	0.7	100	0.7	ND		0.001	0.00056	ND		0.0011	0.00059	ND		0.00088	0.00048	ND		0.0011	0.00061	ND		0.00098	0.00053	ND		0.00092	0.0005	ND		0.0011	0.0006
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	ND		0.0015	0.00014	ND		0.0016	0.00015	ND		0.0013	0.00012	ND		0.0017	0.00015	ND		0.0015	0.00013	ND		0.0014	0.00012	ND		0.0016	0.00015
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	ND		0.001	0.00028	ND		0.0011	0.0003	ND		0.00088	0.00024	ND		0.0011	0.0003	ND		0.00098	0.00027	ND		0.00092	0.00025	ND		0.0011	0.0003
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	ND		0.0052	0.0015	ND		0.0054	0.0015	ND		0.0044	0.0012	ND		0.0056	0.0016	ND		0.0049	0.0014	ND		0.0046	0.0013	ND		0.0055	0.0016
Trichloroethene	79-01-6	0.47	6.4	0.47	ND		0.00052	0.00014	ND		0.00054	0.00015	ND		0.00044	0.00012	ND		0.00056	0.00015	ND		0.00049	0.00013	ND		0.00046	0.00012	ND		0.00055	0.00015
Trichlorofluoromethane	75-69-4	NS	NS	NS	ND		0.0041	0.00072	ND		0.0043	0.00075	ND		0.0035	0.00061	ND		0.0045	0.00078	ND		0.0039	0.00068	ND		0.0037	0.00064	ND		0.0044	0.00077
Vinyl acetate	108-05-4	NS	NS	NS	ND		0.01	0.0022	ND		0.011	0.0023	ND		0.0088	0.0019	ND		0.011	0.0024	ND		0.0098	0.0021	ND		0.0092	0.002	ND		0.011	0.0024
Vinyl chloride	75-01-4	0.03	0.48	0.03	ND		0.001	0.00034	ND		0.0011	0.00036	ND		0.00088	0.0003	ND		0.0011	0.00037	ND		0.00098	0.00033	ND		0.00092	0.00031	ND		0.0011	0.00037
Xylenes, Total	1330-20-7	0.26	100	1.2	ND		0.001	0.0003	ND		0.0011	0.00031	ND		0.00088	0.00026	ND		0.0011	0.00032	ND		0.00098	0.00028	ND		0.00092	0.00027	ND		0.0011	0.00032
Total VOCs		NS	NS	NS	0.01064	-	-	-	0.00759	-	-	-	0.00994	-	-	-	0.00769	-	-	-	0.0071	-	-	-	0.00996	-	-	-	-	-	-	-
PFAS (mg/kg)		NS	NS	NS																												
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	ND		0.000507	0.000291	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	NS	NS	NS	ND		0.000507	0.000182	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	ND		0.000507	0.000086	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	ND		0.000507	0.000204	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	ND		0.000253	0.00004	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	NS	NS	ND		0.000507	0.000023	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	ND		0.000507	0.000155	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	ND		0.000253	0.000068	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	ND		0.000507	0.000071	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	ND		0.000507	0.000138	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-

Table 2.2 - Summary of Soil Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:		2	4	8	SB-1 (7.5-8.0)				SB-2 (5.5-6)				SB-3 (7.5-8)				SB-4 (6.5-7)				SB-5 (6.5-7)				SB-6 (8.0-8.5)				SB-7 (6.5-7)			
LAB ID:					L2242456-01				L2242456-02				L2242456-03				L2242456-04				L2242456-05				L2242456-06				L2242456-07			
COLLECTION DATE:					8/6/2022				8/6/2022				8/6/2022				8/6/2022				8/6/2022				8/6/2022				8/6/2022			
SAMPLE DEPTH (FT):					7.5-8.0				5.5-6.0				7.5-8.0				6.5-7.0				6.5-7.0				8.0-8.5				6.5-7.0			
ANALYTE	CAS	USCO	RRSCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	NS	NS	ND		0.000253	0.000046	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	ND		0.000253	0.000061	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	ND		0.000507	0.000053	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	ND		0.000253	0.000076	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	ND		0.000507	0.000099	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	NS	NS	NS	ND		0.000253	0.000132	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	NS	NS	NS	ND		0.000253	0.000043	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	ND		0.000507	0.000047	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	ND		0.000507	0.000055	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	ND		0.000507	0.000207	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	ND		0.000507	0.000047	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
PFOA/PFOS, Total		NS	NS	NS	ND		0.000253	0.000043	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
SVOCs (mg/kg)		NS	NS	NS																												
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	ND		0.18	0.018	ND		0.2	0.02	ND		0.18	0.018	ND		0.19	0.02	ND		0.18	0.019	ND		0.18	0.019	ND		0.2	0.021
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	ND		0.18	0.02	ND		0.2	0.022	ND		0.18	0.02	ND		0.19	0.022	ND		0.18	0.021	ND		0.18	0.02	ND		0.2	0.023
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	ND		0.18	0.032	ND		0.2	0.035	ND		0.18	0.032	ND		0.19	0.034	ND		0.18	0.033	ND		0.18	0.032	ND		0.2	0.036
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	ND		0.18	0.03	ND		0.2	0.034	ND		0.18	0.03	ND		0.19	0.032	ND		0.18	0.031	ND		0.18	0.031	ND		0.2	0.034
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	ND		0.18	0.031	ND		0.2	0.034	ND		0.18	0.031	ND		0.19	0.033	ND		0.18	0.032	ND		0.18	0.031	ND		0.2	0.035
1,4-Dioxane	123-91-1	0.1	5.7	0.1	ND		0.026	0.0082	ND		0.029	0.009	ND		0.026	0.0081	ND		0.028	0.0086	ND		0.027	0.0084	ND		0.027	0.0083	ND		0.03	0.0092
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	ND		0.18	0.034	ND		0.2	0.038	ND		0.18	0.034	ND		0.19	0.036	ND		0.18	0.035	ND		0.18	0.034	ND		0.2	0.038
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	ND		0.11	0.034	ND		0.12	0.037	ND		0.1	0.033	ND		0.11	0.036	ND		0.11	0.034	ND		0.11	0.034	ND		0.12	0.038
2,4-Dichlorophenol	120-83-2	NS	NS	NS	ND		0.16	0.028	ND		0.18	0.032	ND		0.16	0.028	ND		0.17	0.03	ND		0.16	0.029	ND		0.16	0.029	ND		0.18	0.032
2,4-Dimethylphenol	105-67-9	NS	NS	NS	ND		0.18	0.058	ND		0.2	0.065	ND		0.18	0.058	ND		0.19	0.062	ND		0.18	0.06	ND		0.18	0.059	ND		0.2	0.066
2,4-Dinitrophenol	51-28-5	NS	NS	NS	ND		0.85	0.082	ND		0.94	0.091	ND		0.85	0.082	ND		0.9	0.088	ND		0.87	0.085	ND		0.86	0.084	ND		0.96	0.093
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	ND		0.18	0.035	ND		0.2	0.039	ND		0.18	0.035	ND		0.19	0.038	ND		0.18	0.036	ND		0.18	0.036	ND		0.2	0.04
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	ND		0.18	0.03	ND		0.2	0.034	ND		0.18	0.03	ND		0.19	0.032	ND		0.18	0.031	ND		0.18	0.031	ND		0.2	0.034
2-Chloronaphthalene	91-58-7	NS	NS	NS	ND		0.18	0.018	ND		0.2	0.019	ND		0.18	0.017	ND		0.19	0.019	ND		0.18	0.018	ND		0.18	0.018	ND		0.2	0.02
2-Chlorophenol	95-57-8	NS	NS	NS	ND		0.18	0.021	ND		0.2	0.023	ND		0.18	0.021	ND		0.19	0.022	ND		0.18	0.021	ND		0.18	0.021	ND		0.2	0.024
2-Methylnaphthalene	91-57-6	NS	NS	NS	ND		0.21	0.021	ND		0.24	0.024	ND		0.21	0.021	ND		0.22	0.023	ND		0.22	0.022	ND		0.22	0.022	ND		0.24	0.024
2-Methylphenol	95-48-7	0.33	100	0.33	ND		0.18	0.027	ND		0.2	0.03	ND		0.18	0.027	ND		0.19	0.029	ND		0.18	0.028	ND		0.18	0.028	ND		0.2	0.031
2-Nitroaniline	88-74-4	NS	NS	NS	ND		0.18	0.034	ND		0.2	0.038	ND		0.18	0.034	ND		0.19	0.036	ND		0.18	0.035	ND		0.18	0.035	ND		0.2	0.039
2-Nitrophenol	88-75-5	NS	NS	NS	ND		0.38	0.067	ND		0.42	0.074	ND		0.38	0.066	ND		0.41	0.071	ND		0.39	0.068	ND		0.39	0.068	ND		0.43	0.075
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	ND		0.18	0.047	ND		0.2	0.052	ND		0.18	0.047	ND		0.19	0.05	ND		0.18	0.048	ND		0.18	0.048	ND		0.2	0.053
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	NS	NS	NS	ND		0.26	0.028	ND		0.28	0.031	ND		0.25	0.028	ND		0.27	0.029	ND		0.26	0.028	ND		0.26	0.028	ND		0.29	0.031
3-Nitroaniline	99-09-2	NS	NS	NS	ND		0.18	0.033	ND		0.2	0.037	ND		0.18	0.033	ND		0.19	0.035	ND		0.18	0.034	ND		0.18	0.034	ND		0.2	0.038
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NS	ND		0.46	0.085	ND		0.51	0.094	ND		0.46	0.085	ND		0.49	0.09	ND		0.47	0.087	ND		0.47	0.086	ND		0.52	0.096
4-Bromophenyl phenyl ether	101-55-3	NS	NS	NS	ND		0.18	0.027	ND		0.2	0.03	ND		0.18	0.027	ND		0.19	0.029	ND		0.18	0.028	ND		0.18	0.027	ND		0.2	0.031
4-Chloroaniline	106-47-8	NS	NS	NS	ND		0.18	0.032	ND		0.2	0.036	ND		0.18	0.032	ND		0.19	0.034	ND		0.18	0.033	ND		0.18	0.033	ND		0.2	0.036
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	NS	ND		0.18	0.019	ND		0.2	0.021	ND		0.18	0.019	ND		0.19	0.02	ND		0.18	0.019	ND		0.18	0.019	ND		0.2	0.021
4-Nitroaniline	100-01-6	NS	NS	NS	ND		0.18	0.073	ND		0.2	0.081	ND		0.18	0.073	ND		0.19	0.078	ND		0.18	0.075	ND		0.18	0.074	ND		0.2	0.083
4-Nitrophenol	100-02-7	NS	NS	NS	ND		0.25	0.072	ND		0.27	0.08	ND		0.25	0.072	ND		0.26	0.077	ND		0.25	0.074	ND		0.25	0.073	ND		0.28	0.082
Acenaphthene	83-32-9	20	100	98	ND		0.14	0.018	ND		0.16	0.02	ND		0.14	0.018	ND		0.15	0.019	ND		0.14	0.019	ND		0.14	0.019	ND		0.16	0.021
Acenaphthylene	208-96-8	100	100	365	ND		0.14	0.027	ND		0.16	0.03	ND		0.14	0.027	ND		0.15	0.029	ND		0.14	0.028	ND		0.14	0.028	ND		0.16	0.031
Acetophenone	98-86-2	NS	NS	NS	ND		0.18	0.022	ND		0.2	0.024	ND		0.18	0.022	ND		0.19	0.023	ND		0.18	0.022	ND		0.18	0.022	ND		0.2	0.025
Anthracene	120-12-7	100	100	1000	ND		0.11	0.034	ND		0.12	0.038	ND		0.1	0.034	ND		0.11	0.037	ND		0.11	0.035	ND		0.11	0.035	ND		0.12	0.039
Benzo(a)anthracene	56-55-3	1	1.4	1	ND		0.11	0.02	ND		0.12	0.022	ND		0.1	0.02	ND		0.11	0.021	ND		0.11	0.02	ND		0.11	0.02	ND		0.12	0.022
Benzo(a)pyrene	50-32-8	1	1	22	ND		0.14	0.043	ND		0.16	0.048	ND		0.14	0.043	ND		0.15	0.046	ND		0.14	0.044	ND		0.14	0.044	ND		0.16	0.049
Benzo(b)fluoranthene	205-99-2	1	1.4	2.1	ND		0.11	0.03	ND		0.12	0.033	ND		0.1	0.03	ND		0.11	0.032	ND		0.11	0.03	ND		0.11	0.03	ND		0.12	0.034
Benzo(ghi)perylene	191-24-2	0.64	4.9	1000	ND		0.14	0.021	ND		0.16	0.023	ND		0.14	0.021	ND		0.15	0.022	ND		0.14	0.021	ND		0.14	0.021	ND		0.16	0.024
Benzo(k)fluoranthene	207-08-9	0.8	4.9	2	ND		0.11	0.028	ND		0.12	0.031	ND		0.1	0.028	ND		0.11	0.03	ND		0.11	0.029	ND		0.11	0.029	ND		0.12	0.032
Benzoic Acid	65-85-0	NS	NS	NS	ND		0.57	0.18	ND		0.64	0.2	ND		0.57	0.18	ND		0.61	0.19	ND		0.59	0.18	ND		0.58	0.18	ND		0.65	0.2
Benzyl Alcohol	100-51-6	NS	NS	NS	ND		0.18	0.054	ND		0.2	0.06	ND		0.18	0.054	ND		0.19	0.058	ND		0.18	0.056	ND		0.18	0.055	ND		0.2	0.061
Biphenyl	92-52-4	NS	NS	NS	ND		0.4	0.023	ND		0.45	0.025	ND		0.4	0.023	ND		0.43	0.024	ND		0.41	0.024	ND		0.41	0.023	ND		0.46	0.026
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	NS	ND		0.19	0.018	ND		0.21	0.02	ND		0.19	0.018	ND		0.2	0.019	ND		0.2	0.018	ND		0.19	0.018	ND		0.22	0.02
Bis(2-chloroethyl)ether	111-44-4	NS	NS	NS	ND		0.16	0.024	ND		0.18	0.026	ND		0.16	0.024	ND		0.17	0.025	ND		0.16	0.025	ND		0.16	0.024	ND		0.18	0.027
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	NS	ND		0.21	0.03	ND		0.24	0.033	ND		0.21	0.03	ND		0.22	0.032	ND		0.22	0.031	ND		0.22	0.031	ND		0.24	0.034
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	NS	ND		0.18	0.061	ND		0.2	0.068	ND		0.18	0.061	ND		0.19	0.065	ND		0.18	0.063	ND		0.18	0.062	ND		0.2	0.069
Butyl benzyl phthalate	85-68-7	NS	NS	NS	ND		0.18	0.045	ND		0.2	0.049	ND		0.18	0.044	ND		0.19	0.047	ND		0.18	0.046	ND		0.18	0.045	ND		0.2	0.05
Carbazole	86-74-8	NS	NS	NS	ND		0.18	0.017	ND		0.2	0.019	ND		0.18	0.017	ND		0.19	0.018	ND		0.18	0.018	ND		0.18	0.017	ND		0.2	0.019
Chrysene	218-01-9	1	4.9	1	ND		0.11	0.018	ND		0.12	0.02	ND		0.1	0.018	ND		0.11	0.02	ND		0.11	0.019	ND		0.11	0.019	ND		0.12	0.021
Di-n-butylphthalate	84-74-2	NS	NS	NS	ND		0.18	0.034	ND		0.2	0.037	ND		0.18	0.033	ND		0.19	0.036	ND		0.18	0.034	ND		0.18	0.034	ND		0.2	0.038
Di-n-octylphthalate	117-84-0	NS	NS	NS	ND		0.18	0.06	ND		0.2	0.067	ND		0.18	0.06	ND		0.19	0.064	ND		0.18	0.062	ND		0.18	0.061	ND		0.2	0.068
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	ND		0.11	0.02	ND		0.12	0.023	ND		0.1	0.02	ND		0.11	0.022	ND		0.11	0.021	ND		0.11	0.021	ND		0.12	0.023
Dibenzofuran	132-64-9	2.1	18	110	ND		0.18	0.017	ND		0.2	0.018	ND		0.18	0.017	ND		0.19	0.018	ND		0.18	0.017	ND		0.18	0.017	ND		0.2	0.019
Diethyl phthalate	84-66-2	NS	NS	NS	ND		0.18	0.016	ND		0.2	0.018	ND		0.18	0.016	ND		0.19	0.017	ND		0.18	0.017	ND		0.18	0.017	ND		0.2	0.018
Dimethyl phthalate	131-11-3	NS	NS	NS	ND		0.18	0.037	ND		0.2	0.041	ND		0.18	0.037	ND		0.19	0.039	ND		0.18	0.038	ND		0.18	0.038	ND		0.2	0.042
Fluoranthene	206-44-0	85	100	1000	ND		0.11	0.02	ND		0.12	0.022	ND		0.1	0.02	ND		0.11	0.022	ND		0.11	0.021	ND		0.11	0.021	ND		0.12	0.023
Fluorene	86-73-7	30	100	386	ND		0.18	0.017	ND		0.2	0.019	ND		0.18	0.017	ND		0.19	0.018	ND		0.18	0.018	ND		0.18	0.017	ND		0.2	0.019
Hexachlorobenzene	118-74-1	0.33	0.33	3.2	ND		0.11	0.02	ND		0.12	0.022	ND		0.1	0.02	ND		0.11	0.021	ND		0.11	0.02	ND		0.11	0.02	ND		0.12	0.022
Hexachlorobutadiene	87-68-3	NS	NS	NS	ND		0.18	0.026	ND		0.2	0.029	ND		0.18	0.026	ND		0.19	0.028	ND		0.18	0.026	ND		0.18	0.026	ND		0.2	0.029
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	ND		0.51	0.16	ND		0.56	0.18	ND		0.5	0.16	ND		0.54	0.17	ND		0.52	0.16	ND		0.51	0.16	ND		0.57	0.18
Hexachloroethane	67-72-1	NS	NS	NS	ND		0.14	0.029	ND		0.16	0.032	ND		0.14	0.028	ND		0.15	0.03	ND		0.14	0.029	ND		0.14	0.029	ND		0.16	0.032
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	6.6	ND		0.14	0.025	ND		0.16	0.027	ND		0.14	0.024	ND		0.15	0.026	ND		0.14	0.025	ND		0.14	0.025	ND		0.16	0.028
Isophorone	78-59-1	NS	NS	NS	ND		0.16	0.023	ND		0.18	0.025	ND		0.16	0.023	ND		0.17	0.024	ND		0.16	0.024	ND		0.16	0.023	ND		0.18	0.026
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NS	ND		0.18	0.027	ND		0.2	0.03	ND		0.18	0.027	ND		0.19	0.029	ND		0.18	0.028	ND		0.18	0.028	ND		0.2	0.031
Naphthalene	91-20-3	12	100	12	ND		0.18	0.022	ND		0.2	0.024	ND		0.18	0.021	ND		0.19	0.023	ND		0.18	0.022	ND		0.18	0.022	ND		0.2	0.024
NDPA/DPA	86-30-6	NS	NS	NS	ND		0.14	0.02	ND		0.16	0.022	ND		0.14	0.02	ND		0.15	0.021	ND		0.14	0.021	ND		0.14	0.02	ND		0.16	0.023
Nitrobenzene	98-95-3	0.08	1.8	0.08	ND		0.16	0.026	ND		0.18	0.029	ND		0.16	0.026	ND		0.17	0.028	ND		0.16	0.027	ND		0.16	0.027	ND		0.18	0.03
p-Chloro-m-cresol	59-50-7	NS	NS	NS	ND		0.18	0.026	ND		0.2	0.029	ND		0.18	0.026	ND		0.19	0.028	ND		0.18	0.027	ND		0.18	0.027	ND		0.2	0.03
Pentachlorophenol	87-86-5	0.8	1.3	0.8	ND		0.14	0.039	ND		0.16	0.043	ND		0.14	0.039	ND		0.15	0.041	ND		0.14	0.04	ND		0.14	0.04	ND		0.16	0.044
Phenanthrene	85-01-8	1.1	4.9	1000	ND		0.11	0.022	ND		0.12	0.024	ND		0.1	0.021	ND		0.11	0.023	ND		0.11	0.022	ND		0.11	0.022	ND		0.12	0.024
Phenol	108-95-2	0.33	100	0.33	ND		0.18	0.027	ND		0.2	0.03	ND		0.18	0.027	ND		0.19	0.028	ND		0.18	0.027	ND		0.18	0.027	ND		0.2	0.03
Pyrene	129-00-0	64	100	1000	ND		0.11	0.018	ND		0.12	0.019	ND		0.1	0.018	ND		0.11	0.019	ND		0.11	0.018	ND		0.11	0.018	ND		0.12	0.02
Total SVOCs		NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides (mg/kg)		NS	NS	NS																												
4,4'-DDD	72-54-8	0.0033	5	14	ND		0.0017	0.000605	ND		0.00188	0.000669	ND		0.00166	0.00059	ND		0.00176	0.000628	ND		0.00168	0.000599	ND		0.00163	0.000582	ND		0.00191	0.000681
4,4'-DDE	72-55-9	0.0033	3.4	9.3	ND		0.0017	0.000392	ND		0.00188	0.000434	ND		0.00166	0.000383	ND		0.00176	0.000408	ND		0.00168	0.000388	ND		0.00163	0.000378	ND		0.00191	0.000442
4,4'-DDT	50-29-3	0.0033	3.8	135	ND		0.0017	0.00136	ND		0.00188	0.00151	ND		0.00166	0.00133	ND		0.00176	0.00142	ND		0.00168	0.00135	ND		0.00163	0.00131	ND		0.00191	0.00154
Aldrin	309-00-2	0.0048	0.044	0.19	ND		0.0017	0.000597	ND		0.00188	0.00066	ND		0.00166	0.000583	ND		0.00176	0.00062	ND		0.00168	0.000591	ND		0.00163	0.000575	ND		0.00191	0.000673

Table 2.2 - Summary of Soil Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:		2	4	8	SB-1 (7.5-8.0)				SB-2 (5.5-6)				SB-3 (7.5-8)				SB-4 (6.5-7)				SB-5 (6.5-7)				SB-6 (8.0-8.5)				SB-7 (6.5-7)			
LAB ID:					L2242456-01				L2242456-02				L2242456-03				L2242456-04				L2242456-05				L2242456-06				L2242456-07			
COLLECTION DATE:					8/6/2022				8/6/2022				8/6/2022				8/6/2022				8/6/2022				8/6/2022				8/6/2022			
SAMPLE DEPTH (FT):					7.5-8.0				5.5-6.0				7.5-8.0				6.5-7.0				6.5-7.0				8.0-8.5				6.5-7.0			
ANALYTE	CAS	USCO	RRSCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Alpha-BHC	319-84-6	0.02	0.18	0.02	ND		0.000706	0.000201	ND		0.000781	0.000222	ND		0.00069	0.000196	ND		0.000734	0.000208	ND		0.000699	0.000199	ND		0.00068	0.000193	ND		0.000796	0.000226
Beta-BHC	319-85-7	0.021	0.18	0.09	ND		0.0017	0.000643	ND		0.00188	0.000711	ND		0.00166	0.000628	ND		0.00176	0.000668	ND		0.00168	0.000636	ND		0.00163	0.000619	ND		0.00191	0.000724
Chlordane	57-74-9	NS	NS	NS	ND		0.0141	0.00562	ND		0.0156	0.00621	ND		0.0138	0.00548	ND		0.0147	0.00584	ND		0.014	0.00556	ND		0.0136	0.00541	ND		0.0159	0.00633
cis-Chlordane	5103-71-9	0.014	0.65	4.5	ND		0.00212	0.00059	ND		0.00234	0.000653	ND		0.00207	0.000577	ND		0.0022	0.000614	ND		0.0021	0.000585	ND		0.00204	0.000569	ND		0.00239	0.000665
Delta-BHC	319-86-8	0.04	100	0.1	ND		0.0017	0.000332	ND		0.00188	0.000367	ND		0.00166	0.000324	ND		0.00176	0.000345	ND		0.00168	0.000329	ND		0.00163	0.00032	ND		0.00191	0.000374
Dieldrin	60-57-1	0.005	0.075	0.1	ND		0.00106	0.00053	ND		0.00117	0.000586	ND		0.00103	0.000517	ND		0.0011	0.000551	ND		0.00105	0.000524	ND		0.00102	0.00051	ND		0.00119	0.000597
Endosulfan I	959-98-8	4.3	35	65	ND		0.0017	0.0004	ND		0.00188	0.000443	ND		0.00166	0.000391	ND		0.00176	0.000416	ND		0.00168	0.000396	ND		0.00163	0.000386	ND		0.00191	0.000451
Endosulfan II	33213-65-9	4.3	35	44	ND		0.0017	0.000566	ND		0.00188	0.000626	ND		0.00166	0.000553	ND		0.00176	0.000589	ND		0.00168	0.000561	ND		0.00163	0.000546	ND		0.00191	0.000638
Endosulfan sulfate	1031-07-8	4.3	35	47	ND		0.000706	0.000336	ND		0.000781	0.000372	ND		0.00069	0.000328	ND		0.000734	0.00035	ND		0.000699	0.000333	ND		0.00068	0.000324	ND		0.000796	0.000379
Endrin	72-20-8	0.014	5.3	0.06	ND		0.000706	0.00029	ND		0.000781	0.00032	ND		0.00069	0.000283	ND		0.000734	0.000301	ND		0.000699	0.000287	ND		0.00068	0.000279	ND		0.000796	0.000326
Endrin aldehyde	7421-93-4	NS	NS	NS	ND		0.00212	0.000742	ND		0.00234	0.00082	ND		0.00207	0.000724	ND		0.0022	0.000771	ND		0.0021	0.000734	ND		0.00204	0.000714	ND		0.00239	0.000836
Endrin ketone	53494-70-5	NS	NS	NS	ND		0.0017	0.000436	ND		0.00188	0.000483	ND		0.00166	0.000426	ND		0.00176	0.000454	ND		0.00168	0.000432	ND		0.00163	0.00042	ND		0.00191	0.000492
Heptachlor	76-44-8	0.013	0.53	0.38	ND		0.000848	0.00038	ND		0.000938	0.00042	ND		0.000828	0.000371	ND		0.000881	0.000395	ND		0.000839	0.000376	ND		0.000817	0.000366	ND		0.000955	0.000428
Heptachlor epoxide	1024-57-3	NS	NS	NS	ND		0.00318	0.000954	ND		0.00352	0.00105	ND		0.0031	0.000931	ND		0.0033	0.000991	ND		0.00315	0.000944	ND		0.00306	0.000919	ND		0.00358	0.00107
Lindane	58-89-9	0.025	0.21	0.05	ND		0.000706	0.000316	ND		0.000781	0.000349	ND		0.00069	0.000308	ND		0.000734	0.000328	ND		0.000699	0.000313	ND		0.00068	0.000304	ND		0.000796	0.000356
Methoxychlor	72-43-5	NS	NS	NS	ND		0.00318	0.000989	ND		0.00352	0.00109	ND		0.0031	0.000966	ND		0.0033	0.00103	ND		0.00315	0.000979	ND		0.00306	0.000953	ND		0.00358	0.00111
Toxaphene	8001-35-2	NS	NS	NS	ND		0.0318	0.0089	ND		0.0352	0.00984	ND		0.031	0.00869	ND		0.033	0.00925	ND		0.0315	0.00881	ND		0.0306	0.00857	ND		0.0358	0.01
trans-Chlordane	5103-74-2	NS	NS	NS	ND		0.00212	0.000559	ND		0.00234	0.000619	ND		0.00207	0.000546	ND		0.0022	0.000582	ND		0.0021	0.000554	ND		0.00204	0.000539	ND		0.00239	0.00063
PCBs (mg/kg)		NS	NS	NS																												
Aroclor 1016	12674-11-2	NS	NS	NS	ND		0.0339	0.00301	ND		0.0375	0.00333	ND		0.0336	0.00298	ND		0.0367	0.00326	ND		0.035	0.0031	ND		0.035	0.0031	ND		0.0393	0.00349
Aroclor 1221	11104-28-2	NS	NS	NS	ND		0.0339	0.0034	ND		0.0375	0.00376	ND		0.0336	0.00336	ND		0.0367	0.00368	ND		0.035	0.0035	ND		0.035	0.0035	ND		0.0393	0.00393
Aroclor 1232	11141-16-5	NS	NS	NS	ND		0.0339	0.00718	ND		0.0375	0.00795	ND		0.0336	0.00711	ND		0.0367	0.00778	ND		0.035	0.00741	ND		0.035	0.00741	ND		0.0393	0.00832
Aroclor 1242	53469-21-9	NS	NS	NS	ND		0.0339	0.00457	ND		0.0375	0.00506	ND		0.0336	0.00452	ND		0.0367	0.00494	ND		0.035	0.00471	ND		0.035	0.00471	ND		0.0393	0.00529
Aroclor 1248	12672-29-6	NS	NS	NS	ND		0.0339	0.00508	ND		0.0375	0.00562	ND		0.0336	0.00503	ND		0.0367	0.0055	ND		0.035	0.00524	ND		0.035	0.00524	ND		0.0393	0.00589
Aroclor 1254	11097-69-1	NS	NS	NS	ND		0.0339	0.00371	ND		0.0375	0.0041	ND		0.0336	0.00367	ND		0.0367	0.00401	ND		0.035	0.00383	ND		0.035	0.00382	ND		0.0393	0.0043
Aroclor 1260	11096-82-5	NS	NS	NS	ND		0.0339	0.00626	ND		0.0375	0.00693	ND		0.0336	0.0062	ND		0.0367	0.00678	ND		0.035	0.00646	ND		0.035	0.00646	ND		0.0393	0.00726
Aroclor 1262	37324-23-5	NS	NS	NS	ND		0.0339	0.0043	ND		0.0375	0.00476	ND		0.0336	0.00426	ND		0.0367	0.00466	ND		0.035	0.00444	ND		0.035	0.00444	ND		0.0393	0.00499
Aroclor 1268	11100-14-4	NS	NS	NS	ND		0.0339	0.00351	ND		0.0375	0.00388	ND		0.0336	0.00348	ND		0.0367	0.0038	ND		0.035	0.00362	ND		0.035	0.00362	ND		0.0393	0.00407
PCBs, Total	1336-36-3	0.1	1	3.2	ND		0.0339	0.00301	ND		0.0375	0.00333	ND		0.0336	0.00298	ND		0.0367	0.00326	ND		0.035	0.0031	ND		0.035	0.0031	ND		0.0393	0.00349
Metals (mg/kg)		NS	NS	NS																												
Aluminum, Total	7429-90-5	NS	NS	NS	8950		8.47	2.29	7700		9.36	2.53	7600		8.1	2.19	7910		8.99	2.43	9020		8.41	2.27	6250		8.45	2.28	11200		9.67	2.61
Antimony, Total	7440-36-0	NS	NS	NS	ND		4.24	0.322	ND		4.68	0.356	ND		4.05	0.308	ND		4.5	0.342	ND		4.21	0.32	ND		4.23	0.321	ND		4.84	0.367
Arsenic, Total	7440-38-2	13	16	16	0.421	J	0.847	0.176	2.32		0.936	0.195	ND		0.81	0.168	2.05		0.899	0.187	0.559	J	0.841	0.175	ND		0.845	0.176	6.41		0.967	0.201
Barium, Total	7440-39-3	410	410	820	49		0.847	0.147	45.6		0.936	0.163	63.9		0.81	0.141	45		0.899	0.156	58.7		0.841	0.146	65.8		0.845	0.147	109		0.967	0.168
Beryllium, Total	7440-41-7	4.4	43	47	0.258	J	0.424	0.028	0.345	J	0.468	0.031	0.272	J	0.405	0.027	0.378	J	0.45	0.03	0.331	J	0.421	0.028	0.197	J	0.423	0.028	0.669		0.484	0.032
Cadmium, Total	7440-43-9	2.5	2.5	7.5	0.103	J	0.847	0.083	0.107	J	0.936	0.092	0.124	J	0.81	0.079	0.097	J	0.899	0.088	0.101	J	0.841	0.082	0.111	J	0.845	0.083	0.126	J	0.967	0.095
Calcium, Total	7440-70-2	NS	NS	NS	611		8.47	2.97	1180		9.36	3.28	390		8.1	2.83	1060		8.99	3.15	1170		8.41	2.94	806		8.45	2.96	2210		9.67	3.38
Chromium, Total	7440-47-3	30	110	NS	17.6		0.847	0.081	13.5		0.936	0.09	13.8		0.81	0.078	12.1		0.899	0.086	17.6		0.841	0.081	14.6		0.845	0.081	21.8		0.967	0.093
Cobalt, Total	7440-48-4	NS	NS	NS	3.21		1.69	0.141	3.02		1.87	0.155	4.13		1.62	0.134	5.2		1.8	0.149	5.37		1.68	0.14	4.48		1.69	0.14	11.4		1.93	0.16
Copper, Total	7440-50-8	50	280	1720	13.1		0.847	0.219	10.6		0.936	0.241	13.5		0.81	0.209	8.47		0.899	0.232	15.1		0.841	0.217	13		0.845	0.218	13.5		0.967	0.25
Iron, Total	7439-89-6	NS	NS	NS	12400		4.24	0.765	10900		4.68	0.845	12800		4.05	0.731	11600		4.5	0.812	14800		4.21	0.76	12600		4.23	0.763	15200		4.84	0.873
Lead, Total	7439-92-1	63	400	450	3.05	J	4.24	0.227	30.5		4.68	0.251	2.57	J	4.05	0.217	6.31		4.5	0.241	3.66	J	4.21	0.225	2.26	J	4.23	0.226	11.8		4.84	0.259
Magnesium, Total	7439-95-4	NS	NS	NS	2010		8.47	1.3	1940		9.36	1.44	2260		8.1	1.25	1990		8.99	1.38	2780		8.41	1.3	2350		8.45	1.3	2950		9.67	1.49
Manganese, Total	7439-96-5	1600	2000	2000	290		0.847	0.135	157		0.936	0.149	445		0.81	0.129	150		0.899	0.143	236		0.841	0.134	217		0.845	0.134	140		0.967	0.154
Mercury, Total	7439-97-6	0.18	0.3	0.73	ND		0.069	0.045	0.17		0.075	0.049	ND		0.068	0.044	ND		0.077	0.05	ND		0.072	0.047	ND		0.072	0.047	ND		0.078	0.051
Nickel, Total	7440-02-0	30	320	130	11		2.12	0.205	8.74		2.34	0.226	11.8		2.02	0.196	7.75		2.25	0.218	12.9		2.1	0.204	12.9		2.11	0.205	13.6		2.42	0.234
Potassium, Total	7440-09-7	NS	NS	NS	2380		212	12.2	661		234	13.5	2970		202	11.7	327		225	12.9	2060		210	12.1	3360		211	12.2	650		242	13.9
Selenium, Total	7782-49-2	3.9	110	4	ND		1.69	0.219	ND		1.87	0.241	ND		1.62	0.209	ND		1.8	0.232	ND		1.68	0.217	ND		1.69	0.218	ND		1.93	0.25
Silver, Total	7440-22-4	2	110	8.3	ND		0.847	0.24	ND		0.936	0.265	ND		0.81	0.229	ND		0.899	0.254	ND		0.841	0.238	ND		0.845	0.239	ND		0.967	0.274
Sodium, Total	7440-23-5	NS	NS	NS	141	J	169	2.67	215		187	2.95	99.8	J	162	2.55	146	J	180	2.83	413		168	2.65	158	J	169	2.66	902		193	3.05
Thallium, Total	7440-28-0	NS	NS	NS	ND		1.69	0.267	ND		1.87	0.295	ND		1.62	0.255	ND		1.8	0.283	ND		1.68	0.265	ND		1.69	0.266	ND		1.93	0.305
Vanadium, Total	7440-62-2	NS	NS	NS	17.8		0.847	0.172	16.2		0.936	0.19	16.9		0.81	0.164	16.1		0.899	0.182	22.1		0.841	0.171	17.7		0.845	0.172	29.5		0.967	0.196
Zinc, Total	7440-66-6	109	6600	2480	21.3		4.24	0.248	25.5		4.68	0.274	20.1		4.05	0.237	19.6		4.5	0.263	22.9		4.21	0.246	21.6		4.23	0.248	36.8		4.84	0.283
General Chemistry		NS	NS	NS																												
Cyanide, Total	57-12-5	2.3	13	40	ND		1	0.22	0.64	J	1.1	0.23	ND		1	0.22	ND		1.1	0.23	ND		1.1	0.23	ND		1	0.22	2.1		1.1	0.24
Solids, Total	NONE	NS	NS	NS	93.5		0.1	NA	84.6		0.1	NA	93.9		0.1	NA	87.3		0.1	NA	90.6		0.1	NA	91.9		0.1	NA	82		0.1	NA

Notes

USCO: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

RSCO: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

RRSCO: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

PGWSCO: New York NYCRR Part 375 Protection of Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Exceedance of USCO

Exceedance of RSCO

Exceedance of RRSCO

Exceedance of PGWSCO

J = Estimated

ND = Not Detected

- = Not Tested

Table 2.2 - Summary of Soil Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:		2	4	8	SB-201 (4-4.5)				SB-202 (1.5-2)				SB-203 (3.5-4)				SB-204 (1-1.5)				SB-205 (2.5-3)				SB-206 (3.5-4)				SB-207 (3-3.5)			
LAB ID:					L2305142-01				L2305142-02				L2305142-03				L2305142-04				L2305142-05				L2305142-06				L2305142-07			
COLLECTION DATE:					1/28/2023				1/28/2023				1/28/2023				1/28/2023				1/28/2023				1/28/2023				1/28/2023			
SAMPLE DEPTH (FT):					4.0-4.5				1.5-2.0				3.5-4.0				1.0-1.5				2.5-3.0				3.5-4.0				3.0-3.5			
ANALYTE	CAS	USCO	RRSCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOCs (mg/kg)																																
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	ND		0.0004	0.0001	ND		0.00041	0.00011	ND		0.00034	0.00009	ND		0.00018	0.00005	ND		0.00027	0.00007	ND		0.00036	0.0001	ND		0.00031	0.00008
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	ND		0.0004	0.00013	ND		0.00041	0.00014	ND		0.00034	0.00011	ND		0.00018	0.00006	ND		0.00027	0.00009	ND		0.00036	0.00012	ND		0.00031	0.0001
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	ND		0.0004	0.00013	ND		0.00041	0.00014	ND		0.00034	0.00011	ND		0.00018	0.00006	ND		0.00027	0.00009	ND		0.00036	0.00012	ND		0.00031	0.0001
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	ND		0.0008	0.00021	ND		0.00083	0.00022	ND		0.00068	0.00018	ND		0.00037	0.0001	ND		0.00054	0.00014	ND		0.00072	0.00019	ND		0.00062	0.00017
1,1-Dichloroethane	75-34-3	0.27	47	0.27	ND		0.0008	0.00012	ND		0.00083	0.00012	ND		0.00068	0.0001	ND		0.00037	0.00005	ND		0.00054	0.00008	ND		0.00072	0.0001	ND		0.00062	0.00009
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	0.00065	J	0.0008	0.00019	ND		0.00083	0.0002	ND		0.00068	0.00016	ND		0.00037	0.00009	ND		0.00054	0.00013	ND		0.00072	0.00017	ND		0.00062	0.00015
1,1-Dichloropropene	563-58-6	NS	NS	NS	ND		0.0004	0.00013	ND		0.00041	0.00013	ND		0.00034	0.00011	ND		0.00018	0.00006	ND		0.00027	0.00009	ND		0.00036	0.00011	ND		0.00031	0.0001
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	ND		0.0016	0.00026	ND		0.0016	0.00027	ND		0.0014	0.00022	ND		0.00074	0.00012	ND		0.0011	0.00017	ND		0.0014	0.00023	ND		0.0012	0.0002
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	ND		0.0016	0.0001	ND		0.0016	0.0001	ND		0.0014	0.00009	ND		0.00074	0.00005	ND		0.0011	0.00007	ND		0.0014	0.00009	ND		0.0012	0.00008
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	ND		0.0016	0.00015	ND		0.0016	0.00016	ND		0.0014	0.00013	ND		0.00074	0.00007	ND		0.0011	0.0001	ND		0.0014	0.00014	ND		0.0012	0.00012
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	ND		0.0016	0.00022	ND		0.0016	0.00022	ND		0.0014	0.00018	ND		0.00074	0.0001	ND		0.0011	0.00015	ND		0.0014	0.0002	ND		0.0012	0.00017
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	ND		0.0016	0.00027	ND		0.0016	0.00028	ND		0.0014	0.00023	ND		0.00074	0.00012	ND		0.0011	0.00018	ND		0.0014	0.00024	ND		0.0012	0.00021
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	ND		0.0024	0.0008	ND		0.0025	0.00082	ND		0.002	0.00068	ND		0.0011	0.00037	ND		0.0016	0.00054	ND		0.0022	0.00072	ND		0.0019	0.00062
1,2-Dibromoethane	106-93-4	NS	NS	NS	ND		0.0008	0.00022	ND		0.00083	0.00023	ND		0.00068	0.00019	ND		0.00037	0.0001	ND		0.00054	0.00015	ND		0.00072	0.0002	ND		0.00062	0.00017
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	ND		0.0016	0.00011	ND		0.0016	0.00012	ND		0.0014	0.0001	ND		0.00074	0.00005	ND		0.0011	0.00008	ND		0.0014	0.0001	ND		0.0012	0.00009
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	ND		0.0008	0.0002	ND		0.00083	0.00021	ND		0.00068	0.00017	ND		0.00037	0.0001	ND		0.00054	0.00014	ND		0.00072	0.00018	ND		0.00062	0.00016
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	ND		0.0008	0.00011	ND		0.00083	0.00011	ND		0.00068	0.00009	ND		0.00037	0.00005	ND		0.00054	0.00007	ND		0.00072	0.0001	ND		0.00062	0.00009
1,2-Dichloropropane	78-87-5	NS	NS	NS	ND		0.0008	0.0001	ND		0.00083	0.0001	ND		0.00068	0.00009	ND		0.00037	0.00005	ND		0.00054	0.00007	ND		0.00072	0.00009	ND		0.00062	0.00008
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	ND		0.0016	0.00015	ND		0.0016	0.00016	ND		0.0014	0.00013	ND		0.00074	0.00007	ND		0.0011	0.0001	ND		0.0014	0.00014	ND		0.0012	0.00012
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	ND		0.0016	0.00012	ND		0.0016	0.00012	ND		0.0014	0.0001	ND		0.00074	0.00006	ND		0.0011	0.00008	ND		0.0014	0.00011	ND		0.0012	0.00009
1,3-Dichloropropane	142-28-9	NS	NS	NS	ND		0.0016	0.00013	ND		0.0016	0.00014	ND		0.0014	0.00011	ND		0.00074	0.00006	ND		0.0011	0.00009	ND		0.0014	0.00012	ND		0.0012	0.0001
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	ND		0.0004	0.00013	ND		0.00041	0.00013	ND		0.00034	0.00011	ND		0.00018	0.00006	ND		0.00027	0.00009	ND		0.00036	0.00011	ND		0.00031	0.0001
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	ND		0.0016	0.00014	ND		0.0016	0.00014	ND		0.0014	0.00012	ND		0.00074	0.00006	ND		0.0011	0.00009	ND		0.0014	0.00012	ND		0.0012	0.00011
1,4-Dioxane	123-91-1	0.1	5.7	0.1	ND		0.064	0.028	ND		0.066	0.029	ND		0.054	0.024	ND		0.03	0.013	ND		0.043	0.019	ND		0.058	0.025	ND		0.05	0.022
2,2-Dichloropropane	594-20-7	NS	NS	NS	ND		0.0016	0.00016	ND		0.0016	0.00017	ND		0.0014	0.00014	ND		0.00074	0.00008	ND		0.0011	0.00011	ND		0.0014	0.00014	ND		0.0012	0.00012
2-Butanone	78-93-3	0.1	100	0.1	ND		0.008	0.0018	ND		0.0083	0.0018	ND		0.0068	0.0015	ND		0.0037	0.00082	ND		0.0054	0.0012	ND		0.0072	0.0016	ND		0.0062	0.0014
2-Hexanone	591-78-6	NS	NS	NS	ND		0.008	0.00094	ND		0.0083	0.00098	ND		0.0068	0.0008	ND		0.0037	0.00044	ND		0.0054	0.00064	ND		0.0072	0.00085	ND		0.0062	0.00073
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	ND		0.008	0.001	ND		0.0083	0.001	ND		0.0068	0.00087	ND		0.0037	0.00047	ND		0.0054	0.00069	ND		0.0072	0.00092	ND		0.0062	0.0008
Acetone	67-64-1	0.03	100	0.03	ND		0.008	0.0038	ND		0.0083	0.004	0.012		0.0068	0.0032	ND		0.0037	0.0018	ND		0.0054	0.0026	ND		0.0072	0.0035	ND		0.0062	0.003
Acrylonitrile	107-13-1	NS	NS	NS	ND		0.0032	0.00092	ND		0.0033	0.00095	ND		0.0027	0.00078	ND		0.0015	0.00042	ND		0.0022	0.00062	ND		0.0029	0.00083	ND		0.0025	0.00072
Benzene	71-43-2	0.06	3.7	0.06	ND		0.0004	0.00013	ND		0.00041	0.00014	ND		0.00034	0.00011	ND		0.00018	0.00006	ND		0.00027	0.00009	ND		0.00036	0.00012	ND		0.00031	0.0001
Bromobenzene	108-86-1	NS	NS	NS	ND		0.0016	0.00012	ND		0.0016	0.00012	ND		0.0014	0.0001	ND		0.00074	0.00005	ND		0.0011	0.00008	ND		0.0014	0.0001	ND		0.0012	0.00009
Bromochloromethane	74-97-5	NS	NS	NS	ND		0.0016	0.00016	ND		0.0016	0.00017	ND		0.0014	0.00014	ND		0.00074	0.00008	ND		0.0011	0.00011	ND		0.0014	0.00015	ND		0.0012	0.00013
Bromodichloromethane	75-27-4	NS	NS	NS	ND		0.0004	0.00009	ND		0.00041	0.00009	ND		0.00034	0.00007	ND		0.00018	0.00004	ND		0.00027	0.00006	ND		0.00036	0.00008	ND		0.00031	0.00007
Bromoform	75-25-2	NS	NS	NS	ND		0.0032	0.0002	ND		0.0033	0.0002	ND		0.0027	0.00017	ND		0.0015	0.00009	ND		0.0022	0.00013	ND		0.0029	0.00018	ND		0.0025	0.00015
Bromomethane	74-83-9	NS	NS	NS	ND		0.0016	0.00046	ND		0.0016	0.00048	ND		0.0014	0.00039	ND		0.00074	0.00021	ND		0.0011	0.00031	ND		0.0014	0.00042	ND		0.0012	0.00036
Carbon disulfide	75-15-0	NS	NS	NS	ND		0.008	0.0036	ND		0.0083	0.0038	ND		0.0068	0.0031	ND		0.0037	0.0017	ND		0.0054	0.0025	ND		0.0072	0.0033	ND		0.0062	0.0028
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	ND		0.0008	0.00018	ND		0.00083	0.00019	ND		0.00068	0.00016	ND		0.00037	0.00009	ND		0.00054	0.00012	ND		0.00072	0.00016	ND		0.00062	0.00014
Chlorobenzene	108-90-7	4.5	100	4.5	ND		0.0004	0.0001	ND		0.00041	0.0001	ND		0.00034	0.00009	ND		0.00018	0.00005	ND		0.00027	0.00007	ND		0.00036	0.00009	ND		0.00031	0.00008
Chloroethane	75-00-3	NS	NS	NS	ND		0.0016	0.00036	ND		0.0016	0.00037	ND		0.0014	0.00031	ND		0.00074	0.00017	ND		0.0011	0.00024	ND		0.0014	0.00032	ND		0.0012	0.00028
Chloroform	67-66-3	0.37	24	0.37	ND		0.0012	0.00011	ND		0.0012	0.00012	ND		0.001	0.0001	ND		0.00055	0.00005	ND		0.00081	0.00008	ND		0.0011	0.0001	ND		0.00093	0.00009
Chloromethane	74-87-3	NS	NS	NS	ND		0.0032	0.00074	ND		0.0033	0.00077	ND		0.0027	0.00063	ND		0.0015	0.00034	ND		0.0022	0.0005	ND		0.0029	0.00067	ND		0.0025	0.00058
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	ND		0.0008	0.00014	ND		0.00083	0.00014	ND		0.00068	0.00012	ND		0.00037	0.00007	ND		0.00054	0.0001	ND		0.00072	0.00013	ND		0.00062	0.00011
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	ND		0.0004	0.00013	ND		0.00041	0.00013	ND		0.00034	0.00011	ND		0.00018	0.00006	ND		0.00027	0.00009	ND		0.00036	0.00011	ND		0.00031	0.0001
Dibromochloromethane	124-48-1	NS	NS	NS	ND		0.0008	0.00011	ND		0.00083	0.00012	ND		0.00068	0.0001	ND		0.00037	0.00005	ND		0.00054	0.00008	ND		0.00072	0.0001	ND		0.00062	0.00009
Dibromomethane	74-95-3	NS	NS	NS	ND		0.0016	0.00019	ND		0.0016	0.0002	ND		0.0014	0.00016	ND		0.00074	0.00009	ND		0.0011	0.00013	ND		0.0014	0.00017	ND		0.0012	0.00015
Dichlorodifluoromethane	75-71-8	NS	NS	NS	ND		0.008	0.00073	ND		0.0083	0.00076	ND		0.0068	0.00062	ND		0.0037	0.00034	ND		0.0054	0.00049	ND		0.0072	0.00066	ND		0.0062	0.00057
Ethyl ether	60-29-7	NS	NS	NS	ND		0.0016	0.00027	ND		0.0016	0.00028	ND		0.0014	0.00023	ND		0.00074	0.00013	ND		0.0011	0.00018	ND		0.0014	0.00024	ND		0.0012	0.00021
Ethylbenzene	100-41-4	1	76	1	ND		0.0008	0.00011	0.00012	J	0.00083	0.00012	0.00033	J	0.00068	0.0001	ND		0.00037	0.00005	ND		0.00054	0.00008	ND		0.00072	0.0001	ND		0.00062	0.00009
Hexachlorobutadiene	87-68-3	NS	NS	NS	ND		0.0032	0.00013	ND		0.0033	0.00014	ND		0.0027	0.00011	ND		0.0015	0.00006	ND		0.0022	0.00009	ND		0.0029	0.00012	ND		0.0025	0.0001
Isopropylbenzene	98-82-8	NS	NS	NS	ND		0.0008	0.00009	ND		0.00083	0.00009	ND		0.00068	0.00007	ND		0.00037	0.00004	ND		0.00054	0.00006	ND		0.00072	0.00008	ND		0.00062	0.00007
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	ND		0.0016	0.00016	ND		0.0016	0.00017	ND		0.0014	0.00014	ND		0.00074	0.00007	ND		0.0011	0.00011	ND		0.0014	0.00014	ND		0.0012	0.00012
Methylene chloride	75-09-2	0.05	81	0.05	ND		0.004	0.0018	ND		0.0041	0.0019	ND		0.0034	0.0016	ND		0.0018	0.00085	ND		0.0027	0.0012	ND		0.0036	0.0016	ND		0.0031	0.0014
n-Butylbenzene	104-51-8	18	100	18	ND		0.0008	0.00013	ND		0.00083	0.00014	ND		0.00068	0.00011	ND		0.00037	0.00006	ND		0.00054	0.00009	ND		0.00072	0.00012	ND		0.00062	0.0001
n-Propylbenzene	103-65-1	5	100	5	ND		0.0008	0.00014	ND		0.00083	0.00014	ND		0.00068	0.00012	ND		0.00037	0.00006	ND		0.00054	0.00009	ND		0.00072	0.00012	ND		0.00062	0.00011
Naphthalene	91-20-3	12	100	12	ND		0.0032	0.00052	ND		0.0033	0.00054	ND		0.0027	0.00044	ND		0.0015	0.00024	ND		0.0022	0.00035	ND		0.0029	0.00047	ND		0.0025	0.0004
o-Chlorotoluene	95-49-8	NS	NS	NS	ND		0.0016	0.00015	ND		0.0016	0.00016	ND		0.0014	0.00013	ND		0.00074	0.00007	ND		0.0011	0.0001	ND		0.0014	0.00014	ND		0.0012	0.00012
o-Xylene	95-47-6	NS	NS	NS	ND		0.0008	0.00023	ND		0.00083	0.00024	0.00055	J	0.00068	0.0002	ND		0.00037	0.00011	ND		0.00054	0.00016	ND		0.00072	0.00021	ND		0.00062	0.00018
p-Chlorotoluene	106-43-4	NS	NS	NS	ND		0.0016	0.00009	ND		0.0016	0.00009	ND		0.0014	0.00007	ND		0.00074	0.00004	ND		0.0011	0.00006	ND		0.0014	0.00008	ND		0.0012	0.00007
p-Diethylbenzene	105-05-5	NS	NS	NS	ND		0.0016	0.00014	ND		0.0016	0.00015	ND		0.0014	0.00012	ND		0.00074	0.00007	ND		0.0011	0.0001	ND		0.0014	0.00013	ND		0.0012	0.00011
p-Ethyltoluene	622-96-8	NS	NS	NS	ND		0.0016	0.00031	ND		0.0016	0.00032	ND		0.0014	0.00026	ND		0.00074	0.00014	ND		0.0011	0.00021	ND		0.0014	0.00028	ND		0.0012	0.00024
p-Isopropyltoluene	99-87-6	NS	NS	NS	ND		0.0008	0.00009	ND		0.00083	0.00009	ND		0.00068	0.00007	ND		0.00037	0.00004	ND		0.00054	0.00006	ND		0.00072	0.00008	ND		0.00062	0.00007
p/m-Xylene	179601-23-1	NS	NS	NS	ND		0.0016	0.00045	ND		0.0016	0.00046	0.0016		0.0014	0.00038	ND		0.00074	0.00021	ND		0.0011	0.0003	ND		0.0014	0.0004	ND		0.0012	0.00035
sec-Butylbenzene	135-98-8	25	100	25	ND		0.0008	0.00012	ND		0.00083	0.00012	ND		0.00068	0.0001	ND		0.00037	0.00005	ND		0.00054	0.00008	ND		0.00072	0.0001	ND		0.00062	0.00009
Styrene	100-42-5	NS	NS	NS	ND		0.0008	0.00016	ND		0.00083	0.00016	ND		0.00068	0.00013	ND		0.00037	0.00007	ND		0.00054	0.00011	ND		0.00072	0.00014	ND		0.00062	0.00012
tert-Butylbenzene	98-06-6	11	100	11	ND		0.0016	0.00009	ND		0.0016	0.0001	ND		0.0014	0.00008	ND		0.00074	0.00004	ND		0.0011	0.00006	ND		0.0014	0.00009	ND		0.0012	0.00007
Tetrachloroethene	127-18-4	1.3	18	1.3	ND		0.0004	0.00016	ND		0.00041	0.00016	ND		0.00034	0.00013	ND		0.00018	0.00007	ND		0.00027	0.00011	ND		0.00036	0.00014	ND		0.00031	0.00012
Toluene	108-88-3	0.7	100	0.7	ND		0.0008	0.00043	ND		0.00083	0.00045	ND		0.00068	0.00037	ND		0.00037	0.0002	ND		0.00054	0.00029	ND		0.00072	0.00039	ND		0.00062	0.00034
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	ND		0.0012	0.00011	ND		0.0012	0.00011	ND		0.001	0.00009	ND		0.00055	0.00005	ND		0.00081	0.00007	ND		0.0011	0.0001	ND		0.00093	0.00009
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	ND		0.0008	0.00022	ND		0.00083	0.00022	ND		0.00068	0.00018	ND		0.00037	0.0001	ND		0.00054	0.00015	ND		0.00072	0.0002	ND		0.00062	0.00017
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	ND		0.004	0.0011	ND		0.0041	0.0012	ND		0.0034	0.00096	ND		0.0018	0.00052	ND		0.0027	0.00077	ND		0.0036	0.001	ND		0.0031	0.00088
Trichloroethene	79-01-6	0.47	6.4	0.47	ND		0.0004	0.00011	ND		0.00041	0.00011	ND		0.00034	0.00009	ND		0.00018	0.00005	ND		0.00027	0.00007	ND		0.00036	0.0001	ND		0.00031	0.00009
Trichlorofluoromethane	75-69-4	NS	NS	NS	ND		0.0032	0.00055	ND		0.0033	0.00057	ND		0.0027	0.00047	ND		0.0015	0.00026	ND		0.0022	0.00038	ND		0.0029	0.0005	ND		0.0025	0.00043
Vinyl acetate	108-05-4	NS	NS	NS	ND		0.008	0.0017	ND		0.0083	0.0018	ND		0.0068	0.0014	ND		0.0037	0.00079	ND		0.0054	0.0012	ND		0.0072	0.0015	ND		0.0062	0.0013
Vinyl chloride	75-01-4	0.03	0.48	0.03	ND		0.0008	0.00027	ND		0.00083	0.00028	ND		0.00068	0.00023	ND		0.00037	0.00012	ND		0.00054	0.00018	ND		0.00072	0.00024	ND		0.00062	0.00021
Xylenes, Total	1330-20-7	0.26	100	1.2	ND		0.0008	0.00023	ND		0.00083	0.00024	0.0022	J	0.00068	0.0002	ND		0.00037	0.00011	ND		0.00054	0.00016	ND		0.00072	0.00021	ND		0.00062	0.00018
Total VOCs		NS	NS	NS	0.00065	-	-	-	0.00012	-	-	-	0.01448	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFAS (mg/kg)		NS	NS	NS																												
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-

Table 2.2 - Summary of Soil Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:		2	4	8	SB-201 (4-4.5)				SB-202 (1.5-2)				SB-203 (3.5-4)				SB-204 (1-1.5)				SB-205 (2.5-3)				SB-206 (3.5-4)				SB-207 (3-3.5)			
LAB ID:					L2305142-01				L2305142-02				L2305142-03				L2305142-04				L2305142-05				L2305142-06				L2305142-07			
COLLECTION DATE:					1/28/2023				1/28/2023				1/28/2023				1/28/2023				1/28/2023				1/28/2023				1/28/2023			
SAMPLE DEPTH (FT):					4.0-4.5				1.5-2.0				3.5-4.0				1.0-1.5				2.5-3.0				3.5-4.0				3.0-3.5			
ANALYTE	CAS	USCO	RRSCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
PFOA/PFOS, Total		NS	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
SVOCs (mg/kg)		NS	NS	NS																												
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	ND		0.19	0.02	ND		0.19	0.02	ND		0.18	0.019	ND		0.17	0.018	ND		0.19	0.02	ND		0.19	0.02	ND		0.19	0.02
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	ND		0.19	0.022	ND		0.19	0.022	ND		0.18	0.02	ND		0.17	0.02	ND		0.19	0.022	ND		0.19	0.022	ND		0.19	0.022
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	ND		0.19	0.035	ND		0.19	0.034	ND		0.18	0.032	ND		0.17	0.031	ND		0.19	0.034	ND		0.19	0.034	ND		0.19	0.034
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	ND		0.19	0.033	ND		0.19	0.033	ND		0.18	0.031	ND		0.17	0.03	ND		0.19	0.033	ND		0.19	0.033	ND		0.19	0.033
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	ND		0.19	0.034	ND		0.19	0.033	ND		0.18	0.031	ND		0.17	0.03	ND		0.19	0.033	ND		0.19	0.033	ND		0.19	0.033
1,4-Dioxane	123-91-1	0.1	5.7	0.1	ND		0.029	0.0089	ND		0.028	0.0087	ND		0.027	0.0082	ND		0.026	0.008	ND		0.029	0.0088	ND		0.028	0.0087	ND		0.028	0.0088
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	ND		0.19	0.037	ND		0.19	0.036	ND		0.18	0.034	ND		0.17	0.034	ND		0.19	0.036	ND		0.19	0.036	ND		0.19	0.036
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	ND		0.12	0.037	ND		0.11	0.036	ND		0.11	0.034	ND		0.1	0.033	ND		0.11	0.036	ND		0.11	0.036	ND		0.11	0.036
2,4-Dichlorophenol	120-83-2	NS	NS	NS	ND		0.18	0.031	ND		0.17	0.03	ND		0.16	0.029	ND		0.16	0.028	ND		0.17	0.031	ND		0.17	0.03	ND		0.17	0.031
2,4-Dimethylphenol	105-67-9	NS	NS	NS	ND		0.19	0.064	ND		0.19	0.063	ND		0.18	0.059	ND		0.17	0.058	ND		0.19	0.063	ND		0.19	0.063	ND		0.19	0.063
2,4-Dinitrophenol	51-28-5	NS	NS	NS	ND		0.93	0.091	ND		0.91	0.088	ND		0.86	0.084	ND		0.84	0.082	ND		0.92	0.089	ND		0.91	0.088	ND		0.91	0.089
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	ND		0.19	0.039	ND		0.19	0.038	ND		0.18	0.036	ND		0.17	0.035	ND		0.19	0.038	ND		0.19	0.038	ND		0.19	0.038
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	ND		0.19	0.033	ND		0.19	0.033	ND		0.18	0.031	ND		0.17	0.03	ND		0.19	0.033	ND		0.19	0.033	ND		0.19	0.033
2-Chloronaphthalene	91-58-7	NS	NS	NS	ND		0.19	0.019	ND		0.19	0.019	ND		0.18	0.018	ND		0.17	0.017	ND		0.19	0.019	ND		0.19	0.019	ND		0.19	0.019
2-Chlorophenol	95-57-8	NS	NS	NS	ND		0.19	0.023	ND		0.19	0.022	ND		0.18	0.021	ND		0.17	0.021	ND		0.19	0.022	ND		0.19	0.022	ND		0.19	0.022
2-Methylnaphthalene	91-57-6	NS	NS	NS	ND		0.23	0.023	ND		0.23	0.023	ND		0.22	0.022	ND		0.21	0.021	ND		0.23	0.023	ND		0.23	0.023	ND		0.23	0.023
2-Methylphenol	95-48-7	0.33	100	0.33	ND		0.19	0.03	ND		0.19	0.029	ND		0.18	0.028	ND		0.17	0.027	ND		0.19	0.03	ND		0.19	0.029	ND		0.19	0.03
2-Nitroaniline	88-74-4	NS	NS	NS	ND		0.19	0.038	ND		0.19	0.037	ND		0.18	0.034	ND		0.17	0.034	ND		0.19	0.037	ND		0.19	0.037	ND		0.19	0.037
2-Nitrophenol	88-75-5	NS	NS	NS	ND		0.42	0.073	ND		0.41	0.071	ND		0.39	0.067	ND		0.38	0.066	ND		0.41	0.072	ND		0.41	0.071	ND		0.41	0.072
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	ND		0.19	0.052	ND		0.19	0.05	ND		0.18	0.048	ND		0.17	0.046	ND		0.19	0.051	ND		0.19	0.05	ND		0.19	0.051
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	NS	NS	NS	ND		0.28	0.03	ND		0.27	0.03	ND		0.26	0.028	ND		0.25	0.027	ND		0.27	0.03	ND		0.27	0.03	ND		0.27	0.03
3-Nitroaniline	99-09-2	NS	NS	NS	ND		0.19	0.037	ND		0.19	0.036	ND		0.18	0.034	ND		0.17	0.033	ND		0.19	0.036	ND		0.19	0.036	ND		0.19	0.036
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NS	ND		0.5	0.093	ND		0.49	0.091	ND		0.47	0.086	ND		0.45	0.084	ND		0.5	0.092	ND		0.49	0.091	ND		0.49	0.091
4-Bromophenyl phenyl ether	101-55-3	NS	NS	NS	ND		0.19	0.03	ND		0.19	0.029	ND		0.18	0.027	ND		0.17	0.027	ND		0.19	0.029	ND		0.19	0.029	ND		0.19	0.029
4-Chloroaniline	106-47-8	NS	NS	NS	ND		0.19	0.035	ND		0.19	0.034	ND		0.18	0.033	ND		0.17	0.032	ND		0.19	0.035	ND		0.19	0.034	ND		0.19	0.035
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	NS	ND		0.19	0.021	ND		0.19	0.02	ND		0.18	0.019	ND		0.17	0.019	ND		0.19	0.02	ND		0.19	0.02	ND		0.19	0.02
4-Nitroaniline	100-01-6	NS	NS	NS	ND		0.19	0.08	ND		0.19	0.079	ND		0.18	0.074	ND		0.17	0.072	ND		0.19	0.079	ND		0.19	0.079	ND		0.19	0.079
4-Nitrophenol	100-02-7	NS	NS	NS	ND		0.27	0.079	ND		0.26	0.078	ND		0.25	0.073	ND		0.24	0.071	ND		0.27	0.078	ND		0.26	0.078	ND		0.27	0.078
Acenaphthene	83-32-9	20	100	98	ND		0.16	0.02	ND		0.15	0.02	ND		0.14	0.018	0.044	J	0.14	0.018	ND		0.15	0.02	ND		0.15	0.02	0.023	J	0.15	0.02
Acenaphthylene	208-96-8	100	100	365	ND		0.16	0.03	ND		0.15	0.029	ND		0.14	0.028	ND		0.14	0.027	ND		0.15	0.029	ND		0.15	0.029	0.064	J	0.15	0.029
Acetophenone	98-86-2	NS	NS	NS	ND		0.19	0.024	ND		0.19	0.024	ND		0.18	0.022	ND		0.17	0.022	ND		0.19	0.024	ND		0.19	0.024	ND		0.19	0.024
Anthracene	120-12-7	100	100	1000	ND		0.12	0.038	ND		0.11	0.037	ND		0.11	0.035	0.12		0.1	0.034	ND		0.11	0.037	ND		0.11	0.037	0.093	J	0.11	0.037
Benzo(a)anthracene	56-55-3	1	1.4	1	0.097	J	0.12	0.022	0.35		0.11	0.021	0.078	J	0.11	0.02	0.44		0.1	0.02	0.12		0.11	0.021	0.051	J	0.11	0.021	0.58		0.11	0.021
Benzo(a)pyrene	50-32-8	1	1	22	0.1	J	0.16	0.047	0.38		0.15	0.046	0.081	J	0.14	0.044	0.41		0.14	0.043	0.14	J	0.15	0.046	0.062	J	0.15	0.046	0.63		0.15	0.046
Benzo(b)fluoranthene	205-99-2	1	1.4	2.1	0.13		0.12	0.033	0.47		0.11	0.032	0.1	J	0.11	0.03	0.52		0.1	0.029	0.16		0.11	0.032	0.074	J	0.11	0.032	0.77		0.11	0.032
Benzo(ghi)perylene	191-24-2	0.64	4.9	1000	0.073	J	0.16	0.023	0.22		0.15	0.022	0.074	J	0.14	0.021	0.24		0.14	0.02	0.1	J	0.15	0.022	0.042	J	0.15	0.022	0.37		0.15	0.022
Benzo(k)fluoranthene	207-08-9	0.8	4.9	2	0.042	J	0.12	0.031	0.15		0.11	0.03	0.032	J	0.11	0.029	0.15		0.1	0.028	0.057	J	0.11	0.03	ND		0.11	0.03	0.24		0.11	0.03
Benzoic Acid	65-85-0	NS	NS	NS	ND		0.63	0.2	ND		0.62	0.19	ND		0.58	0.18	ND		0.57	0.18	ND		0.62	0.19	ND		0.62	0.19	ND		0.62	0.19
Benzyl Alcohol	100-51-6	NS	NS	NS	ND		0.19	0.06	ND		0.19	0.058	ND		0.18	0.055	ND		0.17	0.054	ND		0.19	0.058	ND		0.19	0.058	ND		0.19	0.058
Biphenyl	92-52-4	NS	NS	NS	ND		0.44	0.025	ND		0.43	0.025	ND		0.41	0.023	ND		0.4	0.023	ND		0.44	0.025	ND		0.43	0.025	ND		0.43	0.025
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	NS	ND		0.21	0.019	ND		0.2	0.019	ND		0.19	0.018	ND		0.19	0.018	ND		0.21	0.019	ND		0.2	0.019	ND		0.2	0.019
Bis(2-chloroethyl)ether	111-44-4	NS	NS	NS	ND		0.18	0.026	ND		0.17	0.026	ND		0.16	0.024	ND		0.16	0.024	ND		0.17	0.026	ND		0.17	0.026	ND		0.17	0.026
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	NS	ND		0.23	0.033	ND		0.23	0.032	ND		0.22	0.031	ND		0.21	0.03	ND		0.23	0.033	ND		0.23	0.032	ND		0.23	0.032
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	NS	ND		0.19	0.067	ND		0.19	0.066	ND		0.18	0.062	ND		0.17	0.06	ND		0.19	0.066	ND		0.19	0.066	ND		0.19	0.066
Butyl benzyl phthalate	85-68-7	NS	NS	NS	ND		0.19	0.049	ND		0.19	0.048	ND		0.18	0.045	ND		0.17	0.044	ND		0.19	0.048	ND		0.19	0.048	ND		0.19	0.048
Carbazole	86-74-8	NS	NS	NS	ND		0.19	0.019	0.019	J	0.19	0.018	ND		0.18	0.017	0.056	J	0.17	0.017	ND		0.19	0.018	ND		0.19	0.018	0.036	J	0.19	0.018
Chrysene	218-01-9	1	4.9	1	0.084	J	0.12	0.02	0.35		0.11	0.02	0.08	J	0.11	0.019	0.4		0.1	0.018	0.12		0.11	0.02	0.051	J	0.11	0.02	0.6		0.11	0.02
Di-n-butylphthalate	84-74-2	NS	NS	NS	ND		0.19	0.037	ND		0.19	0.036	ND		0.18	0.034	ND		0.17	0.033	ND		0.19	0.036	ND		0.19	0.036	ND		0.19	0.036
Di-n-octylphthalate	117-84-0	NS	NS	NS	ND		0.19	0.066	ND		0.19	0.064	ND		0.18	0.061	ND		0.17	0.059	ND		0.19	0.065	ND		0.19	0.064	ND		0.19	0.065
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	ND		0.12	0.022	0.052	J	0.11	0.022	ND		0.11	0.021	0.059	J	0.1	0.02	0.022	J	0.11	0.022	ND		0.11	0.022	0.088	J	0.11	0.022
Dibenzofuran	132-64-9	2.1	18	110	ND		0.19	0.018	ND		0.19	0.018	ND		0.18	0.017	0.021	J	0.17	0.016	ND		0.19	0.018	ND		0.19	0.018	ND		0.19	0.018
Diethyl phthalate	84-66-2	NS	NS	NS	ND		0.19	0.018	ND		0.19	0.018	ND		0.18	0.017	ND		0.17	0.016	ND		0.19	0.018	ND		0.19	0.018	ND		0.19	0.018
Dimethyl phthalate	131-11-3	NS	NS	NS	ND		0.19	0.041	ND		0.19	0.04	ND		0.18	0.038	ND		0.17	0.037	ND		0.19	0.04	ND		0.19	0.04	ND		0.19	0.04
Fluoranthene	206-44-0	85	100	1000	0.13		0.12	0.022	0.54		0.11	0.022	0.14		0.11	0.02	0.88		0.1	0.02	0.17		0.11	0.022	0.077	J	0.11	0.022	1		0.11	0.022
Fluorene	86-73-7	30	100	386	ND		0.19	0.019	ND		0.19	0.018	ND		0.18	0.017	0.043	J	0.17	0.017	ND		0.19	0.018	ND		0.19	0.018	0.028	J	0.19	0.018
Hexachlorobenzene	118-74-1	0.33	0.33	3.2	ND		0.12	0.022	ND		0.11	0.021	ND		0.11	0.02	ND		0.1	0.02	ND		0.11	0.021	ND		0.11	0.021	ND		0.11	0.021
Hexachlorobutadiene	87-68-3	NS	NS	NS	ND		0.19	0.028	ND		0.19	0.028	ND		0.18	0.026	ND		0.17	0.026	ND		0.19	0.028	ND		0.19	0.028	ND		0.19	0.028
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	ND		0.56	0.18	ND		0.54	0.17	ND		0.51	0.16	ND		0.5	0.16	ND		0.55	0.17	ND		0.54	0.17	ND		0.54	0.17
Hexachloroethane	67-72-1	NS	NS	NS	ND		0.16	0.031	ND		0.15	0.031	ND		0.14	0.029	ND		0.14	0.028	ND		0.15	0.031	ND		0.15	0.031	ND		0.15	0.031
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	6.6	0.083	J	0.16	0.027	0.27		0.15	0.026	0.064	J	0.14	0.025	0.29		0.14	0.024	0.1	J	0.15	0.027	0.046	J	0.15	0.026	0.44		0.15	0.026
Isophorone	78-59-1	NS	NS	NS	ND		0.18	0.025	ND		0.17	0.025	ND		0.16	0.023	ND		0.16	0.023	ND		0.17	0.025	ND		0.17	0.025	ND		0.17	0.025
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NS	ND		0.19	0.03	ND		0.19	0.029	ND		0.18	0.028	ND		0.17	0.027	ND		0.19	0.029	ND		0.19	0.029	ND		0.19	0.029
Naphthalene	91-20-3	12	100	12	ND		0.19	0.024	ND		0.19	0.023	ND		0.18	0.022	0.03	J	0.17	0.021	ND		0.19	0.023	ND		0.19	0.023	0.023	J	0.19	0.023
NDPA/DPA	86-30-6	NS	NS	NS	ND		0.16	0.022	ND		0.15	0.022	ND		0.14	0.02	ND		0.14	0.02	ND		0.15	0.022	ND		0.15	0.022	ND		0.15	0.022
Nitrobenzene	98-95-3	0.08	1.8	0.08	ND		0.18	0.029	ND		0.17	0.028	ND		0.16	0.026	ND		0.16	0.026	ND		0.17	0.028	ND		0.17	0.028	ND		0.17	0.028
p-Chloro-m-cresol	59-50-7	NS	NS	NS	ND		0.19	0.029	ND		0.19	0.028	ND		0.18	0.027	ND		0.17	0.026	ND		0.19	0.028	ND		0.19	0.028	ND		0.19	0.028
Pentachlorophenol	87-86-5	0.8	1.3	0.8	ND		0.16	0.043	ND		0.15	0.042	0.075	J	0.14	0.039	ND		0.14	0.038	ND		0.15	0.042	ND		0.15	0.042	ND		0.15	0.042
Phenanthrene	85-01-8	1.1	4.9	1000	ND		0.12	0.024	0.096	J	0.11	0.023	0.064	J	0.11	0.022	0.52		0.1	0.021	0.078	J	0.11	0.023	ND		0.11	0.023	0.34		0.11	0.023
Phenol	108-95-2	0.33	100	0.33	ND		0.19	0.029	ND		0.19	0.029	ND		0.18	0.027	ND		0.17	0.026	ND		0.19	0.029	ND		0.19	0.029	ND		0.19	0.029
Pyrene	129-00-0	64	100	1000	0.12		0.12	0.019	0.49		0.11	0.019	0.12		0.11	0.018	0.72		0.1	0.017	0.16		0.11	0.019	0.074	J	0.11	0.019	0.9		0.11	0.019
Total SVOCs		NS	NS	NS	0.859	-	-	-	3.387	-	-	-	0.908	-	-	-	4.943	-	-	-	1.227	-	-	-	0.477	-	-	-	6.225	-	-	-
Pesticides (mg/kg)		NS	NS	NS																												
4,4'-DDD	72-54-8	0.0033	5	14	ND		0.00187	0.000667	ND		0.00181	0.000644	0.0212		0.00166	0.000593	0.0192		0.00163	0.00058	ND		0.00179	0.000638	0.00349		0.00178	0.000633	ND		0.00178	0.000635
4,4'-DDE	72-55-9	0.0033	3.4	9.3	ND		0.00187	0.000432	ND		0.00181	0.000418	0.0183		0.00166	0.000385	0.0414		0.00163	0.000376	ND		0.00179	0.000414	ND		0.00178	0.000411	ND		0.00178	0.000412
4,4'-DDT	50-29-3	0.0033	3.8	135	ND		0.00187	0.0015	ND		0.00181	0.00145	0.0151		0.00166	0.00134	0.0421		0.00163	0.00131	ND		0.00179	0.00144	0.00686		0.00178	0.00143	ND		0.00178	0.00143
Aldrin	309-00-2	0.0048	0.044	0.19	ND		0.00187	0.000658	ND		0.00181	0.000636	ND		0.00166	0.000586	ND		0.00163	0.000573	ND		0.00179	0.00063	ND		0.00178	0.000625	ND		0.00178	0.000627

Table 2.2 - Summary of Soil Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:		2	4	8	SB-201 (4-4.5)			SB-202 (1.5-2)			SB-203 (3.5-4)			SB-204 (1-1.5)			SB-205 (2.5-3)			SB-206 (3.5-4)			SB-207 (3-3.5)		
LAB ID:					L2305142-01			L2305142-02			L2305142-03			L2305142-04			L2305142-05			L2305142-06			L2305142-07		
COLLECTION DATE:					1/28/2023			1/28/2023			1/28/2023			1/28/2023			1/28/2023			1/28/2023			1/28/2023		
SAMPLE DEPTH (FT):					4.0-4.5			1.5-2.0			3.5-4.0			1.0-1.5			2.5-3.0			3.5-4.0			3.0-3.5		
ANALYTE	CAS	USCO	RRSCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Alpha-BHC	319-84-6	0.02	0.18	0.02	ND		0.000779	0.000221	ND		0.000753	0.000214	ND		0.000693	0.000197	ND		0.000678	0.000192	ND		0.000745	0.000212	ND		0.00074	0.00021	ND		0.000742	0.000211
Beta-BHC	319-85-7	0.021	0.18	0.09	ND		0.00187	0.000709	ND		0.00181	0.000685	ND		0.00166	0.000631	ND		0.00163	0.000617	ND		0.00179	0.000678	ND		0.00178	0.000673	ND		0.00178	0.000675
Chlordane	57-74-9	NS	NS	NS	ND		0.0156	0.00619	ND		0.015	0.00598	0.0392	P	0.0139	0.00551	0.121		0.0136	0.00539	ND		0.0149	0.00592	ND		0.0148	0.00588	ND		0.0148	0.0059
cis-Chlordane	5103-71-9	0.014	0.65	4.5	ND		0.00234	0.000651	ND		0.00226	0.000629	0.00752		0.00208	0.000579	0.0108		0.00203	0.000567	ND		0.00224	0.000623	ND		0.00222	0.000618	ND		0.00222	0.00062
Delta-BHC	319-86-8	0.04	100	0.1	ND		0.00187	0.000366	ND		0.00181	0.000354	ND		0.00166	0.000326	ND		0.00163	0.000318	ND		0.00179	0.00035	ND		0.00178	0.000348	ND		0.00178	0.000348
Dieldrin	60-57-1	0.005	0.075	0.1	ND		0.00117	0.000584	ND		0.00113	0.000564	0.00706		0.00104	0.00052	ND		0.00102	0.000508	ND		0.00112	0.000559	ND		0.00111	0.000555	ND		0.00111	0.000556
Endosulfan I	959-98-8	4.3	35	65	ND		0.00187	0.000442	ND		0.00181	0.000427	ND		0.00166	0.000393	ND		0.00163	0.000384	ND		0.00179	0.000422	ND		0.00178	0.00042	ND		0.00178	0.00042
Endosulfan II	33213-65-9	4.3	35	44	ND		0.00187	0.000624	ND		0.00181	0.000604	ND		0.00166	0.000556	ND		0.00163	0.000544	ND		0.00179	0.000598	ND		0.00178	0.000593	ND		0.00178	0.000595
Endosulfan sulfate	1031-07-8	4.3	35	47	ND		0.000779	0.000371	ND		0.000753	0.000358	ND		0.000693	0.00033	ND		0.000678	0.000323	ND		0.000745	0.000355	ND		0.00074	0.000352	ND		0.000742	0.000353
Endrin	72-20-8	0.014	5.3	0.06	ND		0.000779	0.000319	ND		0.000753	0.000308	ND		0.000693	0.000284	ND		0.000678	0.000278	ND		0.000745	0.000306	ND		0.00074	0.000303	ND		0.000742	0.000304
Endrin aldehyde	7421-93-4	NS	NS	NS	ND		0.00234	0.000818	ND		0.00226	0.00079	ND		0.00208	0.000728	ND		0.00203	0.000712	ND		0.00224	0.000782	ND		0.00222	0.000777	ND		0.00222	0.000779
Endrin ketone	53494-70-5	NS	NS	NS	ND		0.00187	0.000481	ND		0.00181	0.000465	ND		0.00166	0.000428	ND		0.00163	0.000419	ND		0.00179	0.00046	ND		0.00178	0.000457	ND		0.00178	0.000458
Heptachlor	76-44-8	0.013	0.53	0.38	ND		0.000934	0.000419	ND		0.000903	0.000405	ND		0.000832	0.000373	ND		0.000813	0.000365	ND		0.000894	0.000401	ND		0.000888	0.000398	ND		0.00089	0.000399
Heptachlor epoxide	1024-57-3	NS	NS	NS	ND		0.0035	0.00105	ND		0.00339	0.00102	ND		0.00312	0.000936	ND		0.00305	0.000915	ND		0.00335	0.00101	ND		0.00333	0.000999	ND		0.00334	0.001
Lindane	58-89-9	0.025	0.21	0.05	ND		0.000779	0.000348	ND		0.000753	0.000336	ND		0.000693	0.00031	ND		0.000678	0.000303	ND		0.000745	0.000333	ND		0.00074	0.000331	ND		0.000742	0.000331
Methoxychlor	72-43-5	NS	NS	NS	ND		0.0035	0.00109	ND		0.00339	0.00105	ND		0.00312	0.00097	ND		0.00305	0.000949	ND		0.00335	0.00104	ND		0.00333	0.00104	ND		0.00334	0.00104
Toxaphene	8001-35-2	NS	NS	NS	ND		0.035	0.00981	ND		0.0339	0.00948	ND		0.0312	0.00873	ND		0.0305	0.00854	ND		0.0335	0.00939	ND		0.0333	0.00932	ND		0.0334	0.00934
trans-Chlordane	5103-74-2	NS	NS	NS	ND		0.00234	0.000617	ND		0.00226	0.000596	0.00637		0.00208	0.000549	0.00876		0.00203	0.000537	ND		0.00224	0.00059	ND		0.00222	0.000586	ND		0.00222	0.000587
PCBs (mg/kg)		NS	NS	NS																												
Aroclor 1016	12674-11-2	NS	NS	NS	ND		0.0387	0.00344	ND		0.0379	0.00336	ND		0.0345	0.00306	ND		0.0346	0.00307	ND		0.037	0.00329	ND		0.0366	0.00325	ND		0.0381	0.00338
Aroclor 1221	11104-28-2	NS	NS	NS	ND		0.0387	0.00388	ND		0.0379	0.0038	ND		0.0345	0.00345	ND		0.0346	0.00347	ND		0.037	0.00371	ND		0.0366	0.00366	ND		0.0381	0.00381
Aroclor 1232	11141-16-5	NS	NS	NS	ND		0.0387	0.0082	ND		0.0379	0.00803	ND		0.0345	0.00731	ND		0.0346	0.00734	ND		0.037	0.00785	ND		0.0366	0.00775	ND		0.0381	0.00807
Aroclor 1242	53469-21-9	NS	NS	NS	ND		0.0387	0.00521	ND		0.0379	0.0051	ND		0.0345	0.00465	ND		0.0346	0.00467	ND		0.037	0.00499	ND		0.0366	0.00493	ND		0.0381	0.00513
Aroclor 1248	12672-29-6	NS	NS	NS	ND		0.0387	0.0058	ND		0.0379	0.00568	ND		0.0345	0.00517	ND		0.0346	0.00519	ND		0.037	0.00555	ND		0.0366	0.00548	ND		0.0381	0.00571
Aroclor 1254	11097-69-1	NS	NS	NS	ND		0.0387	0.00423	ND		0.0379	0.00414	ND		0.0345	0.00377	ND		0.0346	0.00379	ND		0.037	0.00405	ND		0.0366	0.004	ND		0.0381	0.00416
Aroclor 1260	11096-82-5	NS	NS	NS	ND		0.0387	0.00715	ND		0.0379	0.007	0.0072	J	0.0345	0.00637	0.0086	J	0.0346	0.0064	ND		0.037	0.00684	0.0084	J	0.0366	0.00676	ND		0.0381	0.00703
Aroclor 1262	37324-23-5	NS	NS	NS	ND		0.0387	0.00491	ND		0.0379	0.00481	ND		0.0345	0.00438	ND		0.0346	0.0044	ND		0.037	0.0047	ND		0.0366	0.00464	ND		0.0381	0.00483
Aroclor 1268	11100-14-4	NS	NS	NS	ND		0.0387	0.00401	ND		0.0379	0.00392	ND		0.0345	0.00357	0.00408	J	0.0346	0.00359	ND		0.037	0.00384	0.0049	J	0.0366	0.00379	ND		0.0381	0.00394
PCBs, Total	1336-36-3	0.1	1	3.2	ND		0.0387	0.00344	ND		0.0379	0.00336	0.0072	J	0.0345	0.00306	0.0127	J	0.0346	0.00307	ND		0.037	0.00329	0.0133	J	0.0366	0.00325	ND		0.0381	0.00338
Metals (mg/kg)		NS	NS	NS																												
Aluminum, Total	7429-90-5	NS	NS	NS	7680		9.12	2.46	9520		9.06	2.44	9400		8.59	2.32	8130		8.52	2.3	1910		9.12	2.46	5390		8.77	2.37	7550		8.97	2.42
Antimony, Total	7440-36-0	NS	NS	NS	1.57	J	4.56	0.346	1.47	J	4.53	0.344	1.21	J	4.3	0.326	1.52	J	4.26	0.324	0.528	J	4.56	0.347	4.12	J	4.38	0.333	1.13	J	4.49	0.341
Arsenic, Total	7440-38-2	13	16	16	5.06		0.912	0.19	5.84		0.906	0.188	4.12		0.859	0.179	7.74		0.852	0.177	7.81		0.912	0.19	6.81		0.877	0.182	5.36		0.897	0.187
Barium, Total	7440-39-3	410	410	820	205		0.912	0.159	131		0.906	0.158	76.8		0.859	0.15	91.1		0.852	0.148	38.3		0.912	0.159	109		0.877	0.152	99.9		0.897	0.156
Beryllium, Total	7440-41-7	4.4	43	47	0.197	J	0.456	0.03	0.334	J	0.453	0.03	0.197	J	0.43	0.028	0.283	J	0.426	0.028	ND		0.456	0.03	0.141	J	0.438	0.029	0.377	J	0.449	0.03
Cadmium, Total	7440-43-9	2.5	2.5	7.5	ND		0.912	0.089	0.472	J	0.906	0.089	0.272	J	0.859	0.084	0.375	J	0.852	0.084	0.207	J	0.912	0.089	0.29	J	0.877	0.086	0.454	J	0.897	0.088
Calcium, Total	7440-70-2	NS	NS	NS	31100		9.12	3.19	13700		9.06	3.17	3870		8.59	3.01	1040		8.52	2.98	149000		91.2	31.9	30900		8.77	3.07	6600		8.97	3.14
Chromium, Total	7440-47-3	30	110	NS	14.3		0.912	0.088	17.2		0.906	0.087	18.1		0.859	0.083	15		0.852	0.082	3.81		0.912	0.088	13		0.877	0.084	30.1		0.897	0.086
Cobalt, Total	7440-48-4	NS	NS	NS	4.38		1.82	0.151	5.52		1.81	0.15	5.26		1.72	0.143	4.02		1.7	0.142	2.63		1.82	0.151	4.65		1.75	0.146	5.93		1.79	0.149
Copper, Total	7440-50-8	50	280	1720	36.7		0.912	0.235	23.7		0.906	0.234	19.7		0.859	0.222	35.8		0.852	0.22	14.5		0.912	0.235	32.7		0.877	0.226	30.4		0.897	0.232
Iron, Total	7439-89-6	NS	NS	NS	15800		4.56	0.823	14000		4.53	0.818	14500		4.3	0.776	11700		4.26	0.77	6440		4.56	0.824	11600		4.38	0.792	13100		4.49	0.81
Lead, Total	7439-92-1	63	400	450	56.9		4.56	0.244	505		4.53	0.243	334		4.3	0.23	287		4.26	0.228	89.3		4.56	0.244	335		4.38	0.235	360		4.49	0.24
Magnesium, Total	7439-95-4	NS	NS	NS	2660		9.12	1.4	4580		9.06	1.39	2420		8.59	1.32	1770		8.52	1.31	69100		9.12	1.4	17400		8.77	1.35	4110		8.97	1.38
Manganese, Total	7439-96-5	1600	2000	2000	175		0.912	0.145	343		0.906	0.144	334		0.859	0.137	261		0.852	0.136	116		0.912	0.145	274		0.877	0.139	282		0.897	0.143
Mercury, Total	7439-97-6	0.18	0.3	0.73	0.114		0.077	0.05	23		0.794	0.518	0.079		0.072	0.047	0.341		0.072	0.047	0.158		0.077	0.051	0.251		0.075	0.049	6.46		0.8	0.521
Nickel, Total	7440-02-0	30	320	130	11.7		2.28	0.221	11.8		2.26	0.219	12.7		2.15	0.208	10.6		2.13	0.206	5.35		2.28	0.221	10.8		2.19	0.212	11.8		2.24	0.217
Potassium, Total	7440-09-7	NS	NS	NS	1180		228	13.1	1120		226	13	1540		215	12.4	864		213	12.3	364		228	13.1	1340		219	12.6	1140		224	12.9
Selenium, Total	7782-49-2	3.9	110	4	ND		1.82	0.235	0.53	J	1.81	0.234	0.528	J	1.72	0.222	0.802	J	1.7	0.22	0.277	J	1.82	0.235	0.561	J	1.75	0.226	0.734	J	1.79	0.232
Silver, Total	7440-22-4	2	110	8.3	ND		0.456	0.258	ND		0.453	0.256	ND		0.43	0.243	ND		0.426	0.241	ND		0.456	0.258	ND		0.438	0.248	ND		0.449	0.254
Sodium, Total	7440-23-5	NS	NS	NS	247		182	2.87	272		181	2.85	276		172	2.71	54.8	J	170	2.68	188		182	2.87	267		175	2.76	284		179	2.83
Thallium, Total	7440-28-0	NS	NS	NS	ND		1.82	0.287	ND		1.81	0.285	ND		1.72	0.271	ND		1.7	0.268	0.468	J	1.82	0.287	0.316	J	1.75	0.276	0.338	J	1.79	0.283
Vanadium, Total	7440-62-2	NS	NS	NS	20.6		0.912	0.185	23.6		0.906	0.184	23.5		0.859	0.174	21.9		0.852	0.173	10.8		0.912	0.185	19.1		0.877	0.178	21.1		0.897	0.182
Zinc, Total	7440-66-6	109	6600	2480	127		4.56	0.267	213		4.53	0.265	102		4.3	0.252	164		4.26	0.25	43		4.56	0.267	117		4.38	0.257	162		4.49	0.263
General Chemistry		NS	NS	NS																												
Cyanide, Total	57-12-5	2.3	13	40	ND		1.2	0.25	ND		1.1	0.23	ND		1	0.21	ND		1	0.22	ND		1.1	0.23	ND		1	0.22	ND		1.1	0.24
Solids, Total	NONE	NS	NS	NS	84.7		0.1	NA	86		0.1	NA	92.5		0.1	NA	92.5		0.1	NA	86.8		0.1	NA	87.2		0.1	NA	85.4		0.1	NA

Notes

USCO: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

RSCO: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

RRSCO: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

PGWSCO: New York NYCRR Part 375 Protection of Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Exceedance of USCO

Exceedance of RSCO

Exceedance of RRSCO

Exceedance of PGWSCO

J = Estimated

ND = Not Detected

- = Not Tested

Table 2.2 - Summary of Soil Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:		2	4	8	SB-208 (4-4.5)				SB-209 (2.5-3)				SB-306 (6-6.5)				SB-307 (9.5-10)				SB-308 (3.5-4)			
LAB ID:					L2305142-08				L2305142-09				L2361279-01				L2361842-02				L2361842-01			
COLLECTION DATE:					1/28/2023				1/28/2023				10/16/2023				10/18/2023				10/18/2023			
SAMPLE DEPTH (FT):					4.0-4.5				2.5-3.0				6.0-6.5				9.5-10.0				3.5-4.0			
ANALYTE	CAS	USCO	RRSCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOCs (mg/kg)																								
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	ND		0.00024	0.00006	ND		0.00025	0.00007	ND		0.00047	0.00012	ND		0.00046	0.00012	ND		0.00051	0.00013
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	ND		0.00024	0.00008	ND		0.00025	0.00008	ND		0.00047	0.00016	ND		0.00046	0.00015	ND		0.00051	0.00017
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	ND		0.00024	0.00008	ND		0.00025	0.00008	ND		0.00047	0.00015	ND		0.00046	0.00015	ND		0.00051	0.00017
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	ND		0.00047	0.00013	ND		0.00049	0.00013	ND		0.00093	0.00025	ND		0.00092	0.00024	ND		0.001	0.00027
1,1-Dichloroethane	75-34-3	0.27	47	0.27	ND		0.00047	0.00007	ND		0.00049	0.00007	ND		0.00093	0.00014	ND		0.00092	0.00013	ND		0.001	0.00015
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	ND		0.00047	0.00011	ND		0.00049	0.00012	ND		0.00093	0.00022	ND		0.00092	0.00022	ND		0.001	0.00024
1,1-Dichloropropene	563-58-6	NS	NS	NS	ND		0.00024	0.00008	ND		0.00025	0.00008	ND		0.00047	0.00015	ND		0.00046	0.00015	ND		0.00051	0.00016
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	ND		0.00095	0.00015	ND		0.00098	0.00016	ND		0.0019	0.0003	ND		0.0018	0.0003	ND		0.002	0.00033
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	ND		0.00095	0.00006	ND		0.00098	0.00006	ND		0.0019	0.00012	ND		0.0018	0.00012	ND		0.002	0.00013
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	ND		0.00095	0.00009	ND		0.00098	0.00009	ND		0.0019	0.00018	ND		0.0018	0.00018	ND		0.002	0.00019
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	ND		0.00095	0.00013	ND		0.00098	0.00013	ND		0.0019	0.00025	ND		0.0018	0.00025	ND		0.002	0.00028
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	ND		0.00095	0.00016	ND		0.00098	0.00016	ND		0.0019	0.00031	ND		0.0018	0.00031	ND		0.002	0.00034
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	ND		0.0014	0.00047	ND		0.0015	0.00049	ND		0.0028	0.00093	ND		0.0028	0.00092	ND		0.003	0.001
1,2-Dibromoethane	106-93-4	NS	NS	NS	ND		0.00047	0.00013	ND		0.00049	0.00014	ND		0.00093	0.00026	ND		0.00092	0.00026	ND		0.001	0.00028
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	ND		0.00095	0.00007	ND		0.00098	0.00007	ND		0.0019	0.00013	ND		0.0018	0.00013	ND		0.002	0.00015
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	ND		0.00047	0.00012	ND		0.00049	0.00013	ND		0.00093	0.00024	ND		0.00092	0.00024	ND		0.001	0.00026
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	ND		0.00047	0.00007	ND		0.00049	0.00007	ND		0.00093	0.00013	ND		0.00092	0.00012	ND		0.001	0.00014
1,2-Dichloropropane	78-87-5	NS	NS	NS	ND		0.00047	0.00006	ND		0.00049	0.00006	ND		0.00093	0.00012	ND		0.00092	0.00011	ND		0.001	0.00013
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	ND		0.00095	0.00009	ND		0.00098	0.0001	ND		0.0019	0.00018	ND		0.0018	0.00018	ND		0.002	0.0002
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	ND		0.00095	0.00007	ND		0.00098	0.00007	ND		0.0019	0.00014	ND		0.0018	0.00014	ND		0.002	0.00015
1,3-Dichloropropane	142-28-9	NS	NS	NS	ND		0.00095	0.00008	ND		0.00098	0.00008	ND		0.0019	0.00016	ND		0.0018	0.00015	ND		0.002	0.00017
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	ND		0.00024	0.00008	ND		0.00025	0.00008	ND		0.00047	0.00015	ND		0.00046	0.00014	ND		0.00051	0.00016
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	ND		0.00095	0.00008	ND		0.00098	0.00008	ND		0.0019	0.00016	ND		0.0018	0.00016	ND		0.002	0.00017
1,4-Dioxane	123-91-1	0.1	5.7	0.1	ND		0.038	0.017	ND		0.039	0.017	ND		0.075	0.033	ND		0.073	0.032	ND		0.081	0.036
2,2-Dichloropropane	594-20-7	NS	NS	NS	ND		0.00095	0.0001	ND		0.00098	0.0001	ND		0.0019	0.00019	ND		0.0018	0.00018	ND		0.002	0.0002
2-Butanone	78-93-3	0.1	100	0.1	ND		0.0047	0.001	ND		0.0049	0.0011	ND		0.0093	0.0021	ND		0.0092	0.002	ND		0.01	0.0022
2-Hexanone	591-78-6	NS	NS	NS	ND		0.0047	0.00056	ND		0.0049	0.00058	ND		0.0093	0.0011	ND		0.0092	0.0011	ND		0.01	0.0012
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	ND		0.0047	0.00061	ND		0.0049	0.00063	ND		0.0093	0.0012	ND		0.0092	0.0012	ND		0.01	0.0013
Acetone	67-64-1	0.03	100	0.03	ND		0.0047	0.0023	ND		0.0049	0.0024	ND		0.0093	0.0045	ND		0.0092	0.0044	ND		0.01	0.0049
Acrylonitrile	107-13-1	NS	NS	NS	ND		0.0019	0.00055	ND		0.002	0.00057	ND		0.0037	0.0011	ND		0.0037	0.001	ND		0.004	0.0012
Benzene	71-43-2	0.06	3.7	0.06	ND		0.00024	0.00008	ND		0.00025	0.00008	ND		0.00047	0.00015	ND		0.00046	0.00015	ND		0.00051	0.00017
Bromobenzene	108-86-1	NS	NS	NS	ND		0.00095	0.00007	ND		0.00098	0.00007	ND		0.0019	0.00014	ND		0.0018	0.00013	ND		0.002	0.00015
Bromochloromethane	74-97-5	NS	NS	NS	ND		0.00095	0.0001	ND		0.00098	0.0001	ND		0.0019	0.00019	ND		0.0018	0.00019	ND		0.002	0.00021
Bromodichloromethane	75-27-4	NS	NS	NS	ND		0.00024	0.00005	ND		0.00025	0.00005	ND		0.00047	0.0001	ND		0.00046	0.0001	ND		0.00051	0.00011
Bromoform	75-25-2	NS	NS	NS	ND		0.0019	0.00012	ND		0.002	0.00012	ND		0.0037	0.00023	ND		0.0037	0.00022	ND		0.004	0.00025
Bromomethane	74-83-9	NS	NS	NS	ND		0.00095	0.00028	ND		0.00098	0.00029	ND		0.0019	0.00054	ND		0.0018	0.00053	ND		0.002	0.00059
Carbon disulfide	75-15-0	NS	NS	NS	ND		0.0047	0.0022	ND		0.0049	0.0022	ND		0.0093	0.0042	ND		0.0092	0.0042	ND		0.01	0.0046
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	ND		0.00047	0.00011	ND		0.00049	0.00011	ND		0.00093	0.00021	ND		0.00092	0.00021	ND		0.001	0.00023
Chlorobenzene	108-90-7	4.5	100	4.5	ND		0.00024	0.00006	ND		0.00025	0.00006	ND		0.00047	0.00012	ND		0.00046	0.00012	ND		0.00051	0.00013
Chloroethane	75-00-3	NS	NS	NS	ND		0.00095	0.00021	ND		0.00098	0.00022	ND		0.0019	0.00042	ND		0.0018	0.00042	ND		0.002	0.00046
Chloroform	67-66-3	0.37	24	0.37	ND		0.00071	0.00007	ND		0.00074	0.00007	ND		0.0014	0.00013	ND		0.0014	0.00013	ND		0.0015	0.00014
Chloromethane	74-87-3	NS	NS	NS	ND		0.0019	0.00044	ND		0.002	0.00046	ND		0.0037	0.00087	ND		0.0037	0.00086	ND		0.004	0.00094
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	ND		0.00047	0.00008	ND		0.00049	0.00009	ND		0.00093	0.00016	ND		0.00092	0.00016	ND		0.001	0.00018
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	ND		0.00024	0.00008	ND		0.00025	0.00008	ND		0.00047	0.00015	ND		0.00046	0.00014	ND		0.00051	0.00016
Dibromochloromethane	124-48-1	NS	NS	NS	ND		0.00047	0.00007	ND		0.00049	0.00007	ND		0.00093	0.00013	ND		0.00092	0.00013	ND		0.001	0.00014
Dibromomethane	74-95-3	NS	NS	NS	ND		0.00095	0.00011	ND		0.00098	0.00012	ND		0.0019	0.00022	ND		0.0018	0.00022	ND		0.002	0.00024
Dichlorodifluoromethane	75-71-8	NS	NS	NS	ND		0.0047	0.00043	ND		0.0049	0.00045	ND		0.0093	0.00085	ND		0.0092	0.00084	ND		0.01	0.00093
Ethyl ether	60-29-7	NS	NS	NS	ND		0.00095	0.00016	ND		0.00098	0.00017	ND		0.0019	0.00032	ND		0.0018	0.00031	ND		0.002	0.00035
Ethylbenzene	100-41-4	1	76	1	0.00035	J	0.00047	0.00007	ND		0.00049	0.00007	ND		0.00093	0.00013	ND		0.00092	0.00013	ND		0.001	0.00014
Hexachlorobutadiene	87-68-3	NS	NS	NS	ND		0.0019	0.00008	ND		0.002	0.00008	ND		0.0037	0.00016	ND		0.0037	0.00016	ND		0.004	0.00017
Isopropylbenzene	98-82-8	NS	NS	NS	ND		0.00047	0.00005	ND		0.00049	0.00005	ND		0.00093	0.0001	ND		0.00092	0.0001	ND		0.001	0.00011
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	ND		0.00095	0.0001	ND		0.00098	0.0001	ND		0.0019	0.00019	ND		0.0018	0.00018	ND		0.002	0.0002
Methylene chloride	75-09-2	0.05	81	0.05	ND		0.0024	0.0011	ND		0.0025	0.0011	ND		0.0047	0.0021	ND		0.0046	0.0021	ND		0.0051	0.0023
n-Butylbenzene	104-51-8	18	100	18	ND		0.00047	0.00008	ND		0.00049	0.00008	ND		0.00093	0.00016	ND		0.00092	0.00015	ND		0.001	0.00017
n-Propylbenzene	103-65-1	5	100	5	ND		0.00047	0.00008	ND		0.00049	0.00008	ND		0.00093	0.00016	ND		0.00092	0.00016	ND		0.001	0.00017
Naphthalene	91-20-3	12	100	12	ND		0.0019	0.00031	ND		0.002	0.00032	ND		0.0037	0.00061	ND		0.0037	0.0006	ND		0.004	0.00066
o-Chlorotoluene	95-49-8	NS	NS	NS	ND		0.00095	0.00009	ND		0.00098	0.00009	ND		0.0019	0.00018	ND		0.0018	0.00018	ND		0.002	0.00019
o-Xylene	95-47-6	NS	NS	NS	0.00055		0.00047	0.00014	ND		0.00049	0.00014	ND		0.00093	0.00027	ND		0.00092	0.00027	ND		0.001	0.0003
p-Chlorotoluene	106-43-4	NS	NS	NS	ND		0.00095	0.00005	ND		0.00098	0.00005	ND		0.0019	0.0001	ND		0.0018	0.0001	ND		0.002	0.00011
p-Diethylbenzene	105-05-5	NS	NS	NS	ND		0.00095	0.00008	ND		0.00098	0.00009	ND		0.0019	0.00016	ND		0.0018	0.00016	ND		0.002	0.00018
p-Ethyltoluene	622-96-8	NS	NS	NS	ND		0.00095	0.00018	ND		0.00098	0.00019	ND		0.0019	0.00036	ND		0.0018	0.00035	ND		0.002	0.00039
p-Isopropyltoluene	99-87-6	NS	NS	NS	ND		0.00047	0.00005	ND		0.00049	0.00005	ND		0.00093	0.0001	ND		0.00092	0.0001	ND		0.001	0.00011
p/m-Xylene	179601-23-1	NS	NS	NS	0.0016		0.00095	0.00026	ND		0.00098	0.00028	ND		0.0019	0.00052	ND		0.0018	0.00051	ND		0.002	0.00057
sec-Butylbenzene	135-98-8	25	100	25	ND		0.00047	0.00007	ND		0.00049	0.00007	ND		0.00093	0.00014	ND		0.00092	0.00013	ND		0.001	0.00015
Styrene	100-42-5	NS	NS	NS	ND		0.00047	0.00009	ND		0.00049	0.0001	ND		0.00093	0.00018	ND		0.00092	0.00018	ND		0.001	0.0002
tert-Butylbenzene	98-06-6	11	100	11	ND		0.00095	0.00006	ND		0.00098	0.00006	ND		0.0019	0.00011	ND		0.0018	0.00011	ND		0.002	0.00012
Tetrachloroethene	127-18-4	1.3	18	1.3	ND		0.00024	0.00009	ND		0.00025	0.0001	ND		0.00047	0.00018	ND		0.00046	0.00018	ND		0.00051	0.0002
Toluene	108-88-3	0.7	100	0.7	ND		0.00047	0.00026	ND		0.00049	0.00027	ND		0.00093	0.00051	ND		0.00092	0.0005	ND		0.001	0.00055
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	ND		0.00071	0.00007	ND		0.00074	0.00007	ND		0.0014	0.00013	ND		0.0014	0.00012	ND		0.0015	0.00014
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	ND		0.00047	0.00013	ND		0.00049	0.00013	ND		0.00093	0.00025	ND		0.00092	0.00025	ND		0.001	0.00028
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	ND		0.0024	0.00067	ND		0.0025	0.0007	ND		0.0047	0.0013	ND		0.0046	0.0013	ND		0.0051	0.0014
Trichloroethene	79-01-6	0.47	6.4	0.47	ND		0.00024	0.00007	ND		0.00025	0.00007	ND		0.00047	0.00013	ND		0.00046	0.00012	ND		0.00051	0.00014
Trichlorofluoromethane	75-69-4	NS	NS	NS	ND		0.0019	0.00033	ND		0.002	0.00034	ND		0.0037	0.00065	ND		0.0037	0.00064	ND		0.004	0.0007
Vinyl acetate	108-05-4	NS	NS	NS	ND		0.0047	0.001	ND		0.0049	0.001	ND		0.0093	0.002	ND		0.0092	0.002	ND		0.01	0.0022
Vinyl chloride	75-01-4	0.03	0.48	0.03	ND		0.00047	0.00016	ND		0.00049	0.00016	ND		0.00093	0.00031	ND		0.00092	0.00031	ND		0.001	0.00034
Xylenes, Total	1330-20-7	0.26	100	1.2	0.0022		0.00047	0.00014	ND		0.00049	0.00014	ND		0.00093	0.00027	ND		0.00092	0.00027	ND		0.001	0.0003
Total VOCs		NS	NS	NS	0.0025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFAS (mg/kg)		NS	NS	NS																				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	-		-	-	-		-	-	ND		0.000788	0.000381	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	NS	NS	NS	-		-	-	-		-	-	ND		0.000788	0.000276	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000081	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000098	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000043	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	NS	NS	-		-	-	-		-	-	ND		0.000788	0.00005	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000032	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000074	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.00004	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000036	-	-	-	-	-	-	-	-

Table 2.2 - Summary of Soil Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:		2	4	8	SB-208 (4-4.5)				SB-209 (2.5-3)				SB-306 (6-6.5)				SB-307 (9.5-10)				SB-308 (3.5-4)			
LAB ID:					L2305142-08				L2305142-09				L2361279-01				L2361842-02				L2361842-01			
COLLECTION DATE:					1/28/2023				1/28/2023				10/16/2023				10/18/2023				10/18/2023			
SAMPLE DEPTH (FT):					4.0-4.5				2.5-3.0				6.0-6.5				9.5-10.0				3.5-4.0			
ANALYTE	CAS	USCO	RRSCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000023	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000058	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000046	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000077	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000043	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000078	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000051	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	-		-	-	-		-	-	ND		0.000394	0.000055	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000105	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000052	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.00005	-	-	-	-	-	-	-	-
PFOA/PFOS, Total		NS	NS	NS	-		-	-	-		-	-	ND		0.000197	0.000051	-	-	-	-	-	-	-	-
SVOCs (mg/kg)		NS	NS	NS																				
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	ND		0.19	0.02	ND		0.19	0.02	ND		0.18	0.019	ND		0.18	0.019	ND		0.17	0.018
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	ND		0.19	0.022	ND		0.19	0.022	ND		0.18	0.02	ND		0.18	0.021	ND		0.17	0.019
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	ND		0.19	0.034	ND		0.19	0.035	ND		0.18	0.032	ND		0.18	0.033	ND		0.17	0.03
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	ND		0.19	0.032	ND		0.19	0.033	ND		0.18	0.031	ND		0.18	0.031	ND		0.17	0.029
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	ND		0.19	0.033	ND		0.19	0.034	ND		0.18	0.031	ND		0.18	0.032	ND		0.17	0.03
1,4-Dioxane	123-91-1	0.1	5.7	0.1	ND		0.028	0.0087	ND		0.029	0.0089	ND		0.027	0.0083	ND		0.027	0.0084	ND		0.026	0.0078
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	ND		0.19	0.036	ND		0.19	0.037	ND		0.18	0.034	ND		0.18	0.035	ND		0.17	0.033
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	ND		0.11	0.036	ND		0.12	0.037	ND		0.11	0.034	ND		0.11	0.034	ND		0.1	0.032
2,4-Dichlorophenol	120-83-2	NS	NS	NS	ND		0.17	0.03	ND		0.17	0.031	ND		0.16	0.029	ND		0.16	0.029	ND		0.15	0.027
2,4-Dimethylphenol	105-67-9	NS	NS	NS	ND		0.19	0.062	ND		0.19	0.064	ND		0.18	0.059	ND		0.18	0.06	ND		0.17	0.056
2,4-Dinitrophenol	51-28-5	NS	NS	NS	ND		0.91	0.088	ND		0.93	0.09	ND		0.86	0.084	ND		0.88	0.085	ND		0.82	0.079
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	ND		0.19	0.038	ND		0.19	0.039	ND		0.18	0.036	ND		0.18	0.036	ND		0.17	0.034
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	ND		0.19	0.032	ND		0.19	0.033	ND		0.18	0.031	ND		0.18	0.031	ND		0.17	0.029
2-Chloronaphthalene	91-58-7	NS	NS	NS	ND		0.19	0.019	ND		0.19	0.019	ND		0.18	0.018	ND		0.18	0.018	ND		0.17	0.017
2-Chlorophenol	95-57-8	NS	NS	NS	ND		0.19	0.022	ND		0.19	0.023	ND		0.18	0.021	ND		0.18	0.022	ND		0.17	0.02
2-Methylnaphthalene	91-57-6	NS	NS	NS	ND		0.23	0.023	ND		0.23	0.023	ND		0.22	0.022	ND		0.22	0.022	ND		0.2	0.02
2-Methylphenol	95-48-7	0.33	100	0.33	ND		0.19	0.029	ND		0.19	0.03	ND		0.18	0.028	ND		0.18	0.028	ND		0.17	0.026
2-Nitroaniline	88-74-4	NS	NS	NS	ND		0.19	0.036	ND		0.19	0.037	ND		0.18	0.035	ND		0.18	0.035	ND		0.17	0.033
2-Nitrophenol	88-75-5	NS	NS	NS	ND		0.41	0.071	ND		0.42	0.073	ND		0.39	0.068	ND		0.39	0.068	ND		0.37	0.064
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	ND		0.19	0.05	ND		0.19	0.052	ND		0.18	0.048	ND		0.18	0.048	ND		0.17	0.045
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	NS	NS	NS	ND		0.27	0.03	ND		0.28	0.03	ND		0.26	0.028	ND		0.26	0.028	ND		0.24	0.027
3-Nitroaniline	99-09-2	NS	NS	NS	ND		0.19	0.036	ND		0.19	0.036	ND		0.18	0.034	ND		0.18	0.034	ND		0.17	0.032
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NS	ND		0.49	0.091	ND		0.5	0.093	ND		0.47	0.086	ND		0.47	0.088	ND		0.44	0.082
4-Bromophenyl phenyl ether	101-55-3	NS	NS	NS	ND		0.19	0.029	ND		0.19	0.03	ND		0.18	0.027	ND		0.18	0.028	ND		0.17	0.026
4-Chloroaniline	106-47-8	NS	NS	NS	ND		0.19	0.034	ND		0.19	0.035	ND		0.18	0.033	ND		0.18	0.033	ND		0.17	0.031
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	NS	ND		0.19	0.02	ND		0.19	0.021	ND		0.18	0.019	ND		0.18	0.02	ND		0.17	0.018
4-Nitroaniline	100-01-6	NS	NS	NS	ND		0.19	0.078	ND		0.19	0.08	ND		0.18	0.074	ND		0.18	0.076	ND		0.17	0.07
4-Nitrophenol	100-02-7	NS	NS	NS	ND		0.26	0.077	ND		0.27	0.079	ND		0.25	0.073	ND		0.26	0.074	ND		0.24	0.069
Acenaphthene	83-32-9	20	100	98	0.067	J	0.15	0.02	0.06	J	0.16	0.02	ND		0.14	0.019	ND		0.14	0.019	ND		0.14	0.018
Acenaphthylene	208-96-8	100	100	365	0.032	J	0.15	0.029	0.031	J	0.16	0.03	ND		0.14	0.028	ND		0.14	0.028	0.064	J	0.14	0.026
Acetophenone	98-86-2	NS	NS	NS	ND		0.19	0.023	ND		0.19	0.024	ND		0.18	0.022	ND		0.18	0.022	ND		0.17	0.021
Anthracene	120-12-7	100	100	1000	0.13		0.11	0.037	0.14		0.12	0.038	ND		0.11	0.035	ND		0.11	0.036	0.082	J	0.1	0.033
Benzo(a)anthracene	56-55-3	1	1.4	1	0.42		0.11	0.021	0.62		0.12	0.022	ND		0.11	0.02	ND		0.11	0.02	0.036	J	0.1	0.019
Benzo(a)pyrene	50-32-8	1	1	22	0.38		0.15	0.046	0.58		0.16	0.047	ND		0.14	0.044	ND		0.14	0.044	ND		0.14	0.042
Benzo(b)fluoranthene	205-99-2	1	1.4	2.1	0.46		0.11	0.032	0.67		0.12	0.033	ND		0.11	0.03	ND		0.11	0.031	ND		0.1	0.029
Benzo(ghi)perylene	191-24-2	0.64	4.9	1000	0.22		0.15	0.022	0.32		0.16	0.023	ND		0.14	0.021	ND		0.14	0.021	0.62		0.14	0.02
Benzo(k)fluoranthene	207-08-9	0.8	4.9	2	0.17		0.11	0.03	0.26		0.12	0.031	ND		0.11	0.029	ND		0.11	0.029	ND		0.1	0.027
Benzoic Acid	65-85-0	NS	NS	NS	ND		0.61	0.19	ND		0.63	0.2	ND		0.58	0.18	ND		0.59	0.18	ND		0.55	0.17
Benzyl Alcohol	100-51-6	NS	NS	NS	ND		0.19	0.058	ND		0.19	0.059	ND		0.18	0.055	ND		0.18	0.056	ND		0.17	0.052
Biphenyl	92-52-4	NS	NS	NS	ND		0.43	0.025	ND		0.44	0.025	ND		0.41	0.023	ND		0.42	0.024	ND		0.39	0.022
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	NS	ND		0.2	0.019	ND		0.21	0.019	ND		0.19	0.018	ND		0.2	0.018	ND		0.18	0.017
Bis(2-chloroethyl)ether	111-44-4	NS	NS	NS	ND		0.17	0.026	ND		0.17	0.026	ND		0.16	0.024	ND		0.16	0.025	ND		0.15	0.023
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	NS	ND		0.23	0.032	ND		0.23	0.033	ND		0.22	0.031	ND		0.22	0.031	ND		0.2	0.029
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	NS	ND		0.19	0.066	ND		0.19	0.067	ND		0.18	0.062	ND		0.18	0.063	ND		0.17	0.059
Butyl benzyl phthalate	85-68-7	NS	NS	NS	ND		0.19	0.048	ND		0.19	0.049	ND		0.18	0.045	ND		0.18	0.046	ND		0.17	0.043
Carbazole	86-74-8	NS	NS	NS	0.056	J	0.19	0.018	0.042	J	0.19	0.019	ND		0.18	0.017	ND		0.18	0.018	0.027	J	0.17	0.016
Chrysene	218-01-9	1	4.9	1	0.39		0.11	0.02	0.58		0.12	0.02	ND		0.11	0.019	ND		0.11	0.019	0.027	J	0.1	0.018
Di-n-butylphthalate	84-74-2	NS	NS	NS	ND		0.19	0.036	ND		0.19	0.037	ND		0.18	0.034	ND		0.18	0.034	ND		0.17	0.032
Di-n-octylphthalate	117-84-0	NS	NS	NS	ND		0.19	0.064	ND		0.19	0.066	ND		0.18	0.061	ND		0.18	0.062	ND		0.17	0.058
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.057	J	0.11	0.022	0.083	J	0.12	0.022	ND		0.11	0.021	ND		0.11	0.021	ND		0.1	0.02
Dibenzofuran	132-64-9	2.1	18	110	0.022	J	0.19	0.018	ND		0.19	0.018	ND		0.18	0.017	ND		0.18	0.017	ND		0.17	0.016
Diethyl phthalate	84-66-2	NS	NS	NS	ND		0.19	0.018	ND		0.19	0.018	ND		0.18	0.017	ND		0.18	0.017	ND		0.17	0.016
Dimethyl phthalate	131-11-3	NS	NS	NS	ND		0.19	0.04	ND		0.19	0.041	ND		0.18	0.038	ND		0.18	0.038	ND		0.17	0.036
Fluoranthene	206-44-0	85	100	1000	0.78		0.11	0.022	1.1		0.12	0.022	ND		0.11	0.021	ND		0.11	0.021	0.056	J	0.1	0.02
Fluorene	86-73-7	30	100	386	0.051	J	0.19	0.018	0.034	J	0.19	0.019	ND		0.18	0.017	ND		0.18	0.018	ND		0.17	0.016
Hexachlorobenzene	118-74-1	0.33	0.33	3.2	ND		0.11	0.021	ND		0.12	0.022	ND		0.11	0.02	ND		0.11	0.02	ND		0.1	0.019
Hexachlorobutadiene	87-68-3	NS	NS	NS	ND		0.19	0.028	ND		0.19	0.028	ND		0.18	0.026	ND		0.18	0.027	ND		0.17	0.025
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	ND		0.54	0.17	ND		0.55	0.18	ND		0.51	0.16	ND		0.52	0.16	ND		0.49	0.15
Hexachloroethane	67-72-1	NS	NS	NS	ND		0.15	0.031	ND		0.16	0.031	ND		0.14	0.029	ND		0.14	0.03	ND		0.14	0.028
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	6.6	0.26		0.15	0.026	0.39		0.16	0.027	ND		0.14	0.025	ND		0.14	0.025	0.27		0.14	0.024
Isophorone	78-59-1	NS	NS	NS	ND		0.17	0.024	ND		0.17	0.025	ND		0.16	0.023	ND		0.16	0.024	ND		0.15	0.022
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NS	ND		0.19	0.029	ND		0.19	0.03	ND		0.18	0.028	ND		0.18	0.028	ND		0.17	0.026
Naphthalene	91-20-3	12	100	12	ND		0.19	0.023	ND		0.19	0.024	ND		0.18	0.022	ND		0.18	0.022	ND		0.17	0.021
NDPA/DPA	86-30-6	NS	NS	NS	ND		0.15	0.022	ND		0.16	0.022	ND		0.14	0.02	ND		0.14	0.021	ND		0.14	0.019
Nitrobenzene	98-95-3	0.08	1.8	0.08	ND		0.17	0.028	ND		0.17	0.029	ND		0.16	0.026	ND		0.16	0.027	ND		0.15	0.025
p-Chloro-m-cresol	59-50-7	NS	NS	NS	ND		0.19	0.028	ND		0.19	0.029	ND		0.18	0.027	ND		0.18	0.027	ND		0.17	0.025
Pentachlorophenol	87-86-5	0.8	1.3	0.8	ND		0.15	0.042	ND		0.16	0.043	ND		0.14	0.04	ND		0.14	0.04	ND		0.14	0.037
Phenanthrene	85-01-8	1.1	4.9	1000	0.51		0.11	0.023	0.47		0.12	0.024	ND		0.11	0.022	ND		0.11	0.022	0.074	J	0.1	0.021
Phenol	108-95-2	0.33	100	0.33	ND		0.19	0.028	ND		0.19	0.029	ND		0.18	0.027	ND		0.18	0.028	ND		0.17	0.026
Pyrene	129-00-0	64	100	1000	0.61		0.11	0.019	0.88		0.12	0.019	ND		0.11	0.018	ND		0.11	0.018	0.051	J	0.1	0.017
Total SVOCs		NS	NS	NS	4.615	-	-	-	6.26	-	-	-	-	-	-	-	-	-	-	-	1.307	-	-	-
Pesticides (mg/kg)		NS	NS	NS																				
4,4'-DDD	72-54-8	0.0033	5	14	ND		0.00174	0.000622	ND		0.00188	0.000671	ND		0.00167	0.000597	ND		0.00171	0.000609	ND		0.00161	0.000574
4,4'-DDE	72-55-9	0.0033	3.4	9.3	0.00359		0.00174	0.000403	ND		0.00188	0.000435	ND		0.00167	0.000387	ND		0.00171	0.000395	ND		0.00161	0.000372
4,4'-DDT	50-29-3	0.0033	3.8	135	0.00253	IP	0.00174	0.0014	ND		0.00188	0.00151	ND		0.00167	0.00135	ND		0.00171	0.00137	ND		0.00161	0.0013
Aldrin	309-00-2	0.0048	0.044	0.19	ND		0.00174	0.000614	ND		0.00188	0.000662	ND		0.00167	0.00059	ND		0.00171	0.000602	ND		0.00161	0.000567

Table 2.2 - Summary of Soil Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:		2	4	8	SB-208 (4-4.5)			SB-209 (2.5-3)			SB-306 (6-6.5)			SB-307 (9.5-10)			SB-308 (3.5-4)		
LAB ID:					L2305142-08			L2305142-09			L2361279-01			L2361842-02			L2361842-01		
COLLECTION DATE:					1/28/2023			1/28/2023			10/16/2023			10/18/2023			10/18/2023		
SAMPLE DEPTH (FT):					4.0-4.5			2.5-3.0			6.0-6.5			9.5-10.0			3.5-4.0		
ANALYTE	CAS	USCO	RRSCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Alpha-BHC	319-84-6	0.02	0.18	0.02	ND		0.000726	0.000206	ND		0.000783	0.000222	ND		0.000698	0.000198	ND		0.000712	0.000202	ND		0.000671	0.00019
Beta-BHC	319-85-7	0.021	0.18	0.09	ND		0.00174	0.000661	ND		0.00188	0.000713	ND		0.00167	0.000635	ND		0.00171	0.000648	ND		0.00161	0.000611
Chlordane	57-74-9	NS	NS	NS	ND		0.0145	0.00577	ND		0.0157	0.00623	ND		0.014	0.00555	ND		0.0142	0.00566	ND		0.0134	0.00533
cis-Chlordane	5103-71-9	0.014	0.65	4.5	ND		0.00218	0.000607	ND		0.00235	0.000655	ND		0.00209	0.000583	ND		0.00214	0.000595	ND		0.00201	0.000561
Delta-BHC	319-86-8	0.04	100	0.1	ND		0.00174	0.000341	ND		0.00188	0.000368	ND		0.00167	0.000328	ND		0.00171	0.000334	ND		0.00161	0.000315
Dieldrin	60-57-1	0.005	0.075	0.1	ND		0.00109	0.000545	ND		0.00118	0.000588	ND		0.00105	0.000523	ND		0.00107	0.000534	ND		0.00101	0.000503
Endosulfan I	959-98-8	4.3	35	65	ND		0.00174	0.000412	ND		0.00188	0.000444	ND		0.00167	0.000396	ND		0.00171	0.000404	ND		0.00161	0.00038
Endosulfan II	33213-65-9	4.3	35	44	ND		0.00174	0.000582	ND		0.00188	0.000628	ND		0.00167	0.00056	ND		0.00171	0.000571	ND		0.00161	0.000538
Endosulfan sulfate	1031-07-8	4.3	35	47	ND		0.000726	0.000346	ND		0.000783	0.000373	ND		0.000698	0.000332	ND		0.000712	0.000339	ND		0.000671	0.000319
Endrin	72-20-8	0.014	5.3	0.06	ND		0.000726	0.000298	ND		0.000783	0.000321	ND		0.000698	0.000286	ND		0.000712	0.000292	ND		0.000671	0.000275
Endrin aldehyde	7421-93-4	NS	NS	NS	ND		0.00218	0.000762	ND		0.00235	0.000823	ND		0.00209	0.000733	ND		0.00214	0.000747	ND		0.00201	0.000704
Endrin ketone	53494-70-5	NS	NS	NS	ND		0.00174	0.000449	ND		0.00188	0.000484	ND		0.00167	0.000431	ND		0.00171	0.00044	ND		0.00161	0.000415
Heptachlor	76-44-8	0.013	0.53	0.38	ND		0.000871	0.000391	ND		0.00094	0.000421	ND		0.000837	0.000375	ND		0.000854	0.000383	ND		0.000805	0.000361
Heptachlor epoxide	1024-57-3	NS	NS	NS	ND		0.00327	0.00098	ND		0.00352	0.00106	ND		0.00314	0.000942	ND		0.0032	0.000961	ND		0.00302	0.000906
Lindane	58-89-9	0.025	0.21	0.05	ND		0.000726	0.000325	ND		0.000783	0.00035	ND		0.000698	0.000312	ND		0.000712	0.000318	ND		0.000671	0.0003
Methoxychlor	72-43-5	NS	NS	NS	ND		0.00327	0.00102	ND		0.00352	0.0011	ND		0.00314	0.000977	ND		0.0032	0.000997	ND		0.00302	0.000939
Toxaphene	8001-35-2	NS	NS	NS	ND		0.0327	0.00915	ND		0.0352	0.00987	ND		0.0314	0.00879	ND		0.032	0.00897	ND		0.0302	0.00846
trans-Chlordane	5103-74-2	NS	NS	NS	ND		0.00218	0.000575	ND		0.00235	0.00062	ND		0.00209	0.000553	ND		0.00214	0.000564	ND		0.00201	0.000531
PCBs (mg/kg)		NS	NS	NS																				
Aroclor 1016	12674-11-2	NS	NS	NS	ND		0.0368	0.00327	ND		0.0394	0.0035	ND		0.0518	0.0046	ND		0.0536	0.00476	ND		0.0499	0.00443
Aroclor 1221	11104-28-2	NS	NS	NS	ND		0.0368	0.00369	ND		0.0394	0.00395	ND		0.0518	0.00519	ND		0.0536	0.00538	ND		0.0499	0.005
Aroclor 1232	11141-16-5	NS	NS	NS	ND		0.0368	0.0078	ND		0.0394	0.00836	ND		0.0518	0.011	ND		0.0536	0.0114	ND		0.0499	0.0106
Aroclor 1242	53469-21-9	NS	NS	NS	ND		0.0368	0.00496	ND		0.0394	0.00532	ND		0.0518	0.00698	ND		0.0536	0.00723	ND		0.0499	0.00672
Aroclor 1248	12672-29-6	NS	NS	NS	ND		0.0368	0.00552	ND		0.0394	0.00592	ND		0.0518	0.00777	ND		0.0536	0.00805	ND		0.0499	0.00748
Aroclor 1254	11097-69-1	NS	NS	NS	ND		0.0368	0.00402	ND		0.0394	0.00432	ND		0.0518	0.00567	ND		0.0536	0.00587	ND		0.0499	0.00546
Aroclor 1260	11096-82-5	NS	NS	NS	0.0151	JP	0.0368	0.0068	ND		0.0394	0.00729	ND		0.0518	0.00957	ND		0.0536	0.00991	ND		0.0499	0.00922
Aroclor 1262	37324-23-5	NS	NS	NS	ND		0.0368	0.00467	ND		0.0394	0.00501	ND		0.0518	0.00658	ND		0.0536	0.00681	ND		0.0499	0.00634
Aroclor 1268	11100-14-4	NS	NS	NS	0.00458	J	0.0368	0.00381	ND		0.0394	0.00409	ND		0.0518	0.00537	ND		0.0536	0.00556	ND		0.0499	0.00517
PCBs, Total	1336-36-3	0.1	1	3.2	0.0197	J	0.0368	0.00327	ND		0.0394	0.0035	ND		0.0518	0.0046	ND		0.0536	0.00476	ND		0.0499	0.00443
Metals (mg/kg)		NS	NS	NS																				
Aluminum, Total	7429-90-5	NS	NS	NS	5780		8.6	2.32	9290		9.14	2.47	8150		8.36	2.26	8890		8.62	2.33	7450		7.97	2.15
Antimony, Total	7440-36-0	NS	NS	NS	1.03	J	4.3	0.327	1.48	J	4.57	0.347	ND		4.18	0.318	ND		4.31	0.327	ND		3.99	0.303
Arsenic, Total	7440-38-2	13	16	16	4.5		0.86	0.179	7		0.914	0.19	1.28		0.836	0.174	1.6		0.862	0.179	1.67		0.797	0.166
Barium, Total	7440-39-3	410	410	820	105		0.86	0.15	509		0.914	0.159	62.7		0.836	0.145	68.4		0.862	0.15	40.8		0.797	0.139
Beryllium, Total	7440-41-7	4.4	43	47	0.276	J	0.43	0.028	0.436	J	0.457	0.03	0.27	J	0.418	0.028	0.241	J	0.431	0.028	0.225	J	0.399	0.026
Cadmium, Total	7440-43-9	2.5	2.5	7.5	0.26	J	0.86	0.084	0.653	J	0.914	0.09	ND		0.836	0.082	0.087	J	0.862	0.084	0.098	J	0.797	0.078
Calcium, Total	7440-70-2	NS	NS	NS	20100		8.6	3.01	14100		9.14	3.2	1010		8.36	2.92	820		8.62	3.02	3300		7.97	2.79
Chromium, Total	7440-47-3	30	110	NS	10.3		0.86	0.083	31.1		0.914	0.088	16.7		0.836	0.08	18.3		0.862	0.083	35.4		0.797	0.077
Cobalt, Total	7440-48-4	NS	NS	NS	3.56		1.72	0.143	6.04		1.83	0.152	4.46		1.67	0.139	4.43		1.72	0.143	7.6		1.59	0.132
Copper, Total	7440-50-8	50	280	1720	22.7		0.86	0.222	84.3		0.914	0.236	14.4		0.836	0.216	12.4		0.862	0.222	28.7		0.797	0.206
Iron, Total	7439-89-6	NS	NS	NS	10200		4.3	0.776	17900		4.57	0.825	13200		4.18	0.754	14000		4.31	0.778	13000		3.99	0.72
Lead, Total	7439-92-1	63	400	450	131		4.3	0.23	626		4.57	0.245	3.66	J	4.18	0.224	3.69	J	4.31	0.231	20.6		3.99	0.214
Magnesium, Total	7439-95-4	NS	NS	NS	2860		8.6	1.32	4070		9.14	1.41	1990		8.36	1.29	2460		8.62	1.33	3520		7.97	1.23
Manganese, Total	7439-96-5	1600	2000	2000	184		0.86	0.137	419		0.914	0.145	384		0.836	0.133	232		0.862	0.137	174		0.797	0.127
Mercury, Total	7439-97-6	0.18	0.3	0.73	0.187		0.076	0.049	7.86		0.756	0.493	ND		0.078	0.051	ND		0.072	0.047	ND		0.075	0.049
Nickel, Total	7440-02-0	30	320	130	7.99		2.15	0.208	13.7		2.28	0.221	13.6		2.09	0.202	12		2.15	0.208	52.1		1.99	0.193
Potassium, Total	7440-09-7	NS	NS	NS	792		215	12.4	2190		228	13.2	2150		209	12	3030		215	12.4	1200		199	11.5
Selenium, Total	7782-49-2	3.9	110	4	0.3	J	1.72	0.222	ND		1.83	0.236	ND		1.67	0.216	ND		1.72	0.222	0.417	J	1.59	0.206
Silver, Total	7440-22-4	2	110	8.3	ND		0.43	0.243	ND		0.457	0.259	ND		0.418	0.236	ND		0.431	0.244	ND		0.399	0.226
Sodium, Total	7440-23-5	NS	NS	NS	195		172	2.71	474		183	2.88	113	J	167	2.63	189		172	2.71	133	J	159	2.51
Thallium, Total	7440-28-0	NS	NS	NS	ND		1.72	0.271	0.428	J	1.83	0.288	1.85		1.67	0.263	1.08	J	1.72	0.271	0.619	J	1.59	0.251
Vanadium, Total	7440-62-2	NS	NS	NS	14.7		0.86	0.174	25.2		0.914	0.186	19.5		0.836	0.17	18.5		0.862	0.175	18.5		0.797	0.162
Zinc, Total	7440-66-6	109	6600	2480	87.7		4.3	0.252	443		4.57	0.268	20		4.18	0.245	25.5		4.31	0.252	20		3.99	0.234
General Chemistry		NS	NS	NS																				
Cyanide, Total	57-12-5	2.3	13	40	ND		1.1	0.23	0.4	J	1.1	0.24	ND		1	0.21	ND		1	0.22	ND		1	0.21
Solids, Total	NONE	NS	NS	NS	87.1		0.1	NA	83.7		0.1	NA	91.5		0.1	NA	89.7		0.1	NA	95.1		0.1	NA

Notes

USCO: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

RSCO: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

RRSCO: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

PGWSCO: New York NYCRR Part 375 Protection of Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Exceedance of USCO
Exceedance of RSCO
Exceedance of RRSCO
Exceedance of PGWSCO

J = Estimated
ND = Not Detected
- = Not Tested

Table 2.4 - Summary of Groundwater Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:			TW-1				TW-201				TW-301				TW-302			
LAB ID:			L2242491-01				L2305142-16				L2361842-03				L2362230-02			
COLLECTION DATE:			8/6/2022				1/28/2023				10/18/2023				10/19/2023			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOCs (ug/l)																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		1.2	0.42
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		3.8	1.2
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		1.2	0.42
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		5	1.4
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	11		6.2	1.8
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		5	1.6
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		1.2	0.33
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		2.5	0.34
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	2.4	J	6.2	1.8
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		1.2	0.36
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
1,4-Dioxane	123-91-1	0.35	ND		250	61	ND		250	61	ND		250	61	ND		620	150
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	2.8	J	5	1.9	61		12	4.8
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1	13		12	2.5
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1	ND		12	2.5
Acetone	67-64-1	50	ND		5	1.5	3.9	J	5	1.5	18		5	1.5	280		12	3.6
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		12	3.8
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	180		1.2	0.4
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		1.2	0.48
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		5	1.6
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1	ND		12	2.5
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		1.2	0.34
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	6		2.5	0.7	ND		6.2	1.8
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		1.2	0.36
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		1.2	0.37
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1	ND		5	1	ND		12	2.5
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1	ND		12	2.5
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	26		6.2	1.8
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	4.1	J	6.2	1.8
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	20		6.2	1.8
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	34		6.2	1.8
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		5	1.8
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7	ND		2	0.7	13		5	1.8
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	54		6.2	1.8
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	3.4	J	6.2	1.8
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		1.2	0.45
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	190		6.2	1.8
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		1.2	0.41
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		1.2	0.44
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		6.2	1.8
Vinyl acetate	108-05-4		ND		5	1	ND		5	1	ND		5	1	ND		12	2.5
Vinyl chloride	75-01-4	2	ND		1	0.07	ND		1	0.07	ND		1	0.07	ND		2.5	0.18
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	88		6.2	1.8
Total VOCs			-	-	-	-	3.9	-	-	-	26.8	-	-	-	891.9	-	-	-
1,4-Dioxane (ug/l)																		
1,4-Dioxane	123-91-1	0.35	-		-	-	-		-	-	-		-	-	-		-	-
PFAS (ug/l)																		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9		-		-	-	-		-	-	ND		0.64	0.132	ND		0.64	0.132
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4		ND		0.00185	0.00112	ND		0.0122	0.00476	ND		0.64	0.249	ND		0.64	0.249
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4		-		-	-	-		-	-	ND		0.64	0.167	ND		0.64	0.167
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2		ND		0.00185	0.00123	ND		0.0122	0.00413	ND		0.64	0.216	ND		0.64	0.216
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3		-		-	-	-		-	-	ND		4	0.936	ND		4	0.936
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4		-		-	-	-		-	-	ND		4	0.631	ND		4	0.631
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5		-		-	-	-		-	-	ND		0.8	0.264	ND		0.8	0.264
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4		-		-	-	-		-	-	ND		0.64	0.101	ND		0.64	0.101
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1		-		-	-	-		-	-	ND		0.64	0.132	ND		0.64	0.132
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6		-		-	-	-		-	-	ND		0.64	0.0896	ND		0.64	0.0896
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2		-		-	-	-		-	-	ND		0.16	0.0736	ND		0.16	0.0736
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2		-		-	-	-		-	-	ND		1.6	0.196	ND		1.6	0.196
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6		ND		0.00185	0.000745	ND		0.00306	0.00165	ND		0.16	0.0864	ND		0.16	0.0864
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8		-		-	-	-		-	-	ND		0.16	0.0696	ND		0.16	0.0696
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7		-		-	-	-		-	-	ND		1.6	0.376	ND		1.6	0.376
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9		ND		0.00185	0.0006	ND		0.00306	0.00167	ND		0.16	0.0872	ND		0.16	0.0872
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		-		-	-	-		-	-	ND		0.32	0.189	ND		0.32	0.189
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7		-		-	-	-		-	-	ND		0.32	0.0352	ND		0.32	0.0352
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		-		-	-	-		-	-	ND		0.32	0.0456	ND		0.32	0.0456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		-		-	-	-		-	-	ND		0.32	0.0424	ND		0.32	0.0424
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		0.0251		0.00185	0.00022	0.00582		0.00306	0.00102	ND		0.16	0.0536	ND		0.16	0.0536
Perfluorobutanoic Acid (PFBA)	375-22-4		0.0305		0.00185	0.000378	0.0257		0.0122	0.00196	ND		0.64	0.102	ND		0.64	0.102
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		ND		0.00185	0.000908	ND		0.00306	0.000704	ND		0.16	0.0368	ND		0.16	0.0368
Perfluorodecanoic Acid (PFDA)	335-76-2		ND		0.00185	0.000282	ND		0.00306	0.00124	ND		0.16	0.0648	ND		0.16	0.0648
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		-		-	-	-		-	-	ND		0.16	0.0608	ND		0.16	0.0608
Perfluorododecanoic Acid (PFDoA)	307-55-1		ND		0.00185	0.000345	ND		0.00306	0.00141	ND		0.16	0.0736	ND		0.16	0.0736
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		ND		0.00185	0.000638	ND		0.00306	0.000827	ND		0.16	0.0432	ND		0.16	0.0432
Perfluoroheptanoic Acid (PFHpA)	375-85-9		0.0193		0.00185	0.000209	0.0138		0.00306	0.000612	ND		0.16	0.032	ND		0.16	0.032
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		0.00836		0.00185	0.000348	0.0023	J	0.00306	0.000735	ND		0.16	0.0384	ND		0.16	0.0384
Perfluorohexanoic Acid (PFHxA)	307-24-4		0.0243		0.00185	0.000304	0.0164		0.00306	0.000903	ND		0.16	0.0472	ND		0.16	0.0472
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		-		-	-	-		-	-	ND		0.16	0.0496	ND		0.16	0.0496
Perfluorononanoic Acid (PFNA)	375-95-1		0.000741	JF	0.00185	0.000289	ND		0.00306	0.000964	ND		0.16	0.0504	ND		0.16	0.0504
Perfluorooctanesulfonamide (PFOSA)	754-91-6		ND		0.00185	0.000538	ND		0.00306	0.000827	ND		0.16	0.0432	ND		0.16	0.0432
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	0.0106		0.00185	0.000467	0.0213		0.00306	0.00139	ND		0.16	0.0728	ND		0.16	0.0728
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	0.0665		0.00185	0.000219	0.0396		0.00306	0.00133	ND		0.16	0.0696	ND		0.16	0.0696
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		-		-	-	-		-	-	ND		0.16	0.028	ND		0.16	0.028

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COLLECTION DATE:			8/6/2022				1/28/2023				10/18/2023				10/19/2023			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluoropentanoic Acid (PFPeA)	2706-90-3		0.0208		0.00185	0.000367	0.022		0.00612	0.00164	ND		0.32	0.0856	ND		0.32	0.0856
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		ND		0.00185	0.00023	ND		0.00306	0.000811	ND		0.16	0.0424	ND		0.16	0.0424
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		ND		0.00185	0.000303	ND		0.00306	0.00115	ND		0.16	0.06	ND		0.16	0.06
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		ND		0.00185	0.000241	ND		0.00306	0.00133	ND		0.16	0.0696	ND		0.16	0.0696
PFOA/PFOS, Total			0.0771		0.00185	0.000219	0.0609		0.00306	0.00133	-		-	-	-		-	-
SVOCs (ug/l)																		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ND		10	0.44	ND		10	0.44	ND		13	0.56	ND		10	0.44
1,2,4-Trichlorobenzene	120-82-1	5	ND		5	0.5	ND		5	0.5	ND		6.4	0.64	ND		5	0.5
1,2-Dichlorobenzene	95-50-1	3	ND		2	0.45	ND		2	0.45	ND		2.6	0.58	ND		2	0.45
1,3-Dichlorobenzene	541-73-1	3	ND		2	0.4	ND		2	0.4	ND		2.6	0.52	ND		2	0.4
1,4-Dichlorobenzene	106-46-7	3	ND		2	0.43	ND		2	0.43	ND		2.6	0.55	ND		2	0.43
2,4,5-Trichlorophenol	95-95-4		ND		5	0.77	ND		5	0.77	ND		6.4	0.99	ND		5	0.77
2,4,6-Trichlorophenol	88-06-2		ND		5	0.61	ND		5	0.61	ND		6.4	0.78	ND		5	0.61
2,4-Dichlorophenol	120-83-2	1	ND		5	0.41	ND		5	0.41	ND		6.4	0.52	ND		5	0.41
2,4-Dimethylphenol	105-67-9	50	ND		5	1.8	ND		5	1.8	ND		6.4	2.3	ND		5	1.8
2,4-Dinitrophenol	51-28-5	10	ND		20	6.6	ND		20	6.6	ND		26	8.5	ND		20	6.6
2,4-Dinitrotoluene	121-14-2	5	ND		5	1.2	ND		5	1.2	ND		6.4	1.5	ND		5	1.2
2,6-Dinitrotoluene	606-20-2	5	ND		5	0.93	ND		5	0.93	ND		6.4	1.2	ND		5	0.93
2-Chlorophenol	95-57-8		ND		2	0.48	ND		2	0.48	ND		2.6	0.61	ND		2	0.48
2-Methylphenol	95-48-7		ND		5	0.49	ND		5	0.49	ND		6.4	0.63	2.7	J	5	0.49
2-Nitroaniline	88-74-4	5	ND		5	0.5	ND		5	0.5	ND		6.4	0.64	ND		5	0.5
2-Nitrophenol	88-75-5		ND		10	0.85	ND		10	0.85	ND		13	1.1	ND		10	0.85
3,3'-Dichlorobenzidine	91-94-1	5	ND		5	1.6	ND		5	1.6	ND		6.4	2.1	ND		5	1.6
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ND		5	0.48	ND		5	0.48	ND		6.4	0.61	2.7	J	5	0.48
3-Nitroaniline	99-09-2	5	ND		5	0.81	ND		5	0.81	ND		6.4	1	ND		5	0.81
4,6-Dinitro-o-cresol	534-52-1		ND		10	1.8	ND		10	1.8	ND		13	2.3	ND		10	1.8
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.38	ND		2	0.38	ND		2.6	0.48	ND		2	0.38
4-Chloroaniline	106-47-8	5	ND		5	1.1	ND		5	1.1	ND		6.4	1.4	ND		5	1.1
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.49	ND		2	0.49	ND		2.6	0.62	ND		2	0.49
4-Nitroaniline	100-01-6	5	ND		5	0.8	ND		5	0.8	ND		6.4	1	ND		5	0.8
4-Nitrophenol	100-02-7		ND		10	0.67	ND		10	0.67	ND		13	0.86	ND		10	0.67
Acetophenone	98-86-2		ND		5	0.53	ND		5	0.53	ND		6.4	0.67	6.1		5	0.53
Benzoic Acid	65-85-0		14	J	50	2.6	ND		50	2.6	ND		64	3.4	15	J	50	2.6
Benzyl Alcohol	100-51-6		ND		2	0.59	ND		2	0.59	ND		2.6	0.75	1.1	J	2	0.59
Biphenyl	92-52-4		ND		2	0.46	ND		2	0.46	ND		2.6	0.59	0.52	J	2	0.46
Bis(2-chloroethoxy)methane	111-91-1	5	ND		5	0.5	ND		5	0.5	ND		6.4	0.64	ND		5	0.5
Bis(2-chloroethyl)ether	111-44-4	1	ND		2	0.5	ND		2	0.5	ND		2.6	0.65	ND		2	0.5
Bis(2-chloroisopropyl)ether	108-60-1	5	ND		2	0.53	ND		2	0.53	ND		2.6	0.67	ND		2	0.53
Bis(2-ethylhexyl)phthalate	117-81-7	5	ND		3	1.5	ND		3	1.5	17		3.8	2	ND		3	1.5
Butyl benzyl phthalate	85-68-7	50	ND		5	1.2	ND		5	1.2	ND		6.4	1.5	ND		5	1.2
Carbazole	86-74-8		ND		2	0.49	ND		2	0.49	ND		2.6	0.63	ND		2	0.49
Di-n-butylphthalate	84-74-2	50	ND		5	0.39	ND		5	0.39	ND		6.4	0.5	ND		5	0.39
Di-n-octylphthalate	117-84-0	50	ND		5	1.3	ND		5	1.3	ND		6.4	1.6	ND		5	1.3
Dibenzofuran	132-64-9		ND		2	0.5	ND		2	0.5	ND		2.6	0.64	ND		2	0.5
Diethyl phthalate	84-66-2	50	ND		5	0.38	ND		5	0.38	ND		6.4	0.49	ND		5	0.38
Dimethyl phthalate	131-11-3	50	ND		5	1.8	ND		5	1.8	ND		6.4	2.3	ND		5	1.8
Hexachlorocyclopentadiene	77-47-4	5	ND		20	0.69	ND		20	0.69	ND		26	0.88	ND		20	0.69
Isophorone	78-59-1	50	ND		5	1.2	ND		5	1.2	ND		6.4	1.5	ND		5	1.2
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.64	ND		5	0.64	ND		6.4	0.82	ND		5	0.64
NDPA/DPA	86-30-6	50	ND		2	0.42	ND		2	0.42	ND		2.6	0.53	ND		2	0.42
Nitrobenzene	98-95-3	0.4	ND		2	0.77	ND		2	0.77	ND		2.6	0.99	ND		2	0.77
p-Chloro-m-cresol	59-50-7		ND		2	0.35	ND		2	0.35	ND		2.6	0.45	ND		2	0.35
Phenol	108-95-2	1	ND		5	0.57	ND		5	0.57	ND		6.4	0.72	6.6		5	0.57
Total SVOCs			14	-	-	-	-	-	-	-	17	-	-	-	34.72	-	-	-
SVOCs - SIM (ug/l)																		
2-Chloronaphthalene	91-58-7	10	ND		0.2	0.02	ND		0.2	0.02	ND		0.26	0.02	ND		0.2	0.02
2-Methylnaphthalene	91-57-6		ND		0.1	0.02	ND		0.1	0.02	ND		0.13	0.03	3		0.1	0.02
Acenaphthene	83-32-9	20	ND		0.1	0.01	ND		0.1	0.01	ND		0.13	0.02	0.14		0.1	0.01
Acenaphthylene	208-96-8		ND		0.1	0.01	ND		0.1	0.01	ND		0.13	0.02	0.05	J	0.1	0.01
Anthracene	120-12-7	50	ND		0.1	0.01	ND		0.1	0.01	ND		0.13	0.02	0.03	J	0.1	0.01
Benzo(a)anthracene	56-55-3	0.002	0.03	J	0.1	0.02	ND		0.1	0.02	0.1	J	0.13	0.03	ND		0.1	0.02
Benzo(a)pyrene	50-32-8	0	ND		0.1	0.02	ND		0.1	0.02	ND		0.13	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.002	ND		0.1	0.01	ND		0.1	0.01	0.03	J	0.13	0.02	ND		0.1	0.01
Benzo(ghi)perylene	191-24-2		ND		0.1	0.01	ND		0.1	0.01	ND		0.13	0.02	ND		0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.002	ND		0.1	0.01	ND		0.1	0.01	0.02	J	0.13	0.01	ND		0.1	0.01
Chrysene	218-01-9	0.002	0.01	J	0.1	0.01	ND		0.1	0.01	0.02	J	0.13	0.02	ND		0.1	0.01
Dibenzo(a,h)anthracene	53-70-3		ND		0.1	0.01	ND		0.1	0.01	ND		0.13	0.02	ND		0.1	0.01
Fluoranthene	206-44-0	50	0.02	J	0.1	0.02	ND		0.1	0.02	0.05	J	0.13	0.03	0.03	J	0.1	0.02
Fluorene	86-73-7	50	ND		0.1	0.01	ND		0.1	0.01	ND		0.13	0.02	0.08	J	0.1	0.01
Hexachlorobenzene	118-74-1	0.04	ND		0.8	0.01	ND		0.8	0.01	ND		1	0.01	ND		0.8	0.01
Hexachlorobutadiene	87-68-3	0.5	ND		0.5	0.05	ND		0.5	0.05	ND		0.64	0.06	ND		0.5	0.05
Hexachloroethane	67-72-1	5	ND		0.8	0.06	ND		0.8	0.06	ND		1	0.08	ND		0.8	0.06
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ND		0.1	0.01	ND		0.1	0.01	ND		0.13	0.02	ND		0.1	0.01
Naphthalene	91-20-3	10	ND		0.1	0.05	ND		0.1	0.05	0.15		0.13	0.06	11		0.1	0.05
Pentachlorophenol	87-86-5	1	ND		0.8	0.01	ND		0.8	0.01	ND		1	0.02	ND		0.8	0.01
Phenanthrene	85-01-8	50	0.02	J	0.1	0.02	ND		0.1	0.02	0.05	J	0.13	0.03	0.25		0.1	0.02
Pyrene	129-00-0	50	ND		0.1	0.02	ND		0.1	0.02	0.06	J	0.13	0.02	0.03	J	0.1	0.02
Total SVOCs			0.08	-	-	-	-	-	-	-	0.48	-	-	-	14.61	-	-	-
Pesticides (ug/l)																		
4,4'-DDD	72-54-8	0.3	ND		0.029	0.003	ND		0.029	0.003	ND		0.038	0.004	ND		0.029	0.003
4,4'-DDE	72-55-9	0.2	ND		0.029	0.003	ND		0.029	0.003	ND		0.038	0.004	ND		0.029	0.003
4,4'-DDT	50-29-3	0.2	ND		0.029	0.003	ND		0.029	0.003	ND		0.038	0.004	ND		0.029	0.003
Aldrin	309-00-2	0	ND		0.014	0.002	ND		0.014	0.002	ND		0.019	0.002	ND		0.014	0.002
Alpha-BHC	319-84-6	0.01	ND		0.014	0.003	ND		0.014	0.003	ND		0.019	0.004	ND		0.014	0.003
Beta-BHC	319-85-7	0.04	ND		0.014	0.004	ND		0.014	0.004	ND		0.019	0.005	ND		0.014	0.004
Chlordane	57-74-9	0.05	ND		0.143	0.033	ND		0.143	0.033	ND		0.189	0.044	ND		0.143	0.033
cis-Chlordane	5103-71-9		ND		0.014	0.005	ND		0.014	0.005	ND		0.019	0.006	ND		0.014	0.005
Delta-BHC	319-86-8	0.04	ND		0.014	0.003	ND		0.014	0.003	ND		0.019	0.004	ND		0.014	0.003
Dieldrin	60-57-1	0.004	ND		0.029	0.003	ND		0.029	0.003	ND		0.038	0.004	ND		0.029	0.003
Endosulfan I	959-98-8		ND		0.014	0.002	ND		0.014	0.002	ND		0.019	0.003	ND		0.014	0.002
Endosulfan II	33213-65-9		ND		0.029	0.004	ND		0.029	0.004	ND		0.038	0.005	ND		0.029	0.004
Endosulfan sulfate	1031-07-8		ND		0.029	0.003	ND		0.029	0.003	ND		0.038	0.005	ND		0.029	0.003
Endrin	72-20-8	0	ND		0.029	0.003	ND		0.029	0.003	ND		0.038	0.004	ND		0.029	0.003
Endrin aldehyde	7421-93-4	5	ND		0.029	0.006	ND		0.029	0.006	ND		0.038	0.008	ND		0.029	0.006
Endrin ketone	53494-70-5	5	ND		0.029	0.003	ND		0.029	0.003	ND		0.038	0.005	ND		0.029	0.003
Heptachlor	76-44-8	0.04	ND		0.014	0.002	ND		0.014	0.002	ND		0.019	0.003	ND		0.014	0.002
Heptachlor epoxide	1024-57-3	0.03	ND		0.014	0.003	ND		0.014	0.003	ND		0.019	0.004	ND		0.014	0.003
Lindane	58-89-9	0.05	ND		0.014	0.003	ND		0.014	0.003	ND		0.019	0.004	ND		0.014	0.003
Methoxychlor	72-43-5	35	ND		0.143	0.005	ND		0.143	0.005	ND		0.189	0.006	ND		0.143	0.005
Toxaphene	8001-35-2	0.06	ND		0.143	0.045	ND		0.143	0.045	ND		0.189	0.059	ND		0.143	0.045
trans-Chlordane	5103-74-2		ND		0.014	0.004	ND		0.014	0.004	ND		0.019	0.006	ND		0.014	0.004
PCBs (ug/l)																		
Aroclor 1016	12674-11-2	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
Aroclor 1221	11104-28-2	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
Aroclor 1232	11141-16-5	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
Aroclor 1242	53469-21-9	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
Aroclor 1248	12672-29-6	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
Aroclor 1254	11097-69-1	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
Aroclor 1260	11096-82-5	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
Aroclor 1262	37324-23-5	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
Aroclor 1268	11100-14-4	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
PCBs, Total	1336-36-3		ND		0.071	0.061	ND		0.071	0.061	ND		0.357	0.305	ND		0.071	0.061
Metals (ug/l)																		
Aluminum, Total	7429-90-5		14100		10	3.27	125000		10	3.27	99000		10	3.27	91300		20	6.54
Antimony, Total	7440-36-0	3	1.21	J	4	0.42	ND		4	0.42	ND		4	0.42	ND		8	0.85
Arsenic, Total	7440-38-2	25	1.08		0.5	0.16	25.71		0.5	0.16	6.5		0.5	0.16	6.36		1	0.33
Barium, Total	7440-39-3	1000	237.8		0.5	0.17	7864		1	0.17	3221		0.5	0.17	3929		1	0.34

Table 2.4 - Summary of Groundwater Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:			TW-1				TW-201				TW-301				TW-302			
LAB ID:			L2242491-01				L2305142-16				L2361842-03				L2362230-02			
COLLECTION DATE:			8/6/2022				1/28/2023				10/18/2023				10/19/2023			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Beryllium, Total	7440-41-7	3	0.44	J	0.5	0.1	9.4		0.5	0.1	6.1		0.5	0.1	5.46		1	0.21
Cadmium, Total	7440-43-9	5	0.11	J	0.2	0.05	8.42		0.2	0.05	4.88		0.2	0.05	2.66		0.4	0.11
Calcium, Total	7440-70-2		202000		100	39.4	261000		100	39.4	263000		100	39.4	309000		200	78.8
Chromium, Total	7440-47-3	50	37.19		1	0.17	807.6		1	0.17	700.8		1	0.17	617		2	0.35
Cobalt, Total	7440-48-4		18.82		0.5	0.16	420		0.5	0.16	447.3		0.5	0.16	360.6		5	1.63
Copper, Total	7440-50-8	200	31.54		1	0.38	625.5		1	0.38	2864		1	0.38	414.2		2	0.76
Iron, Total	7439-89-6	300	28700		50	19.1	222000		50	19.1	226000		50	19.1	223000		100	38.2
Lead, Total	7439-92-1	25	7.14		1	0.34	1350		1	0.34	282.2		1	0.34	149.9		2	0.68
Magnesium, Total	7439-95-4	35000	102000		70	24.2	144000		70	24.2	75100		70	24.2	125000		140	48.4
Manganese, Total	7439-96-5	300	947.5		1	0.44	94000		100	44	40800		10	4.4	26730		10	4.4
Mercury, Total	7439-97-6	0.7	ND		0.2	0.09	0.47		0.2	0.09	0.3		0.2	0.09	ND		1	0.45
Nickel, Total	7440-02-0	100	37.84		2	0.55	1208		2	0.55	1273		2	0.55	1025		4	1.11
Potassium, Total	7440-09-7		14200		100	30.9	48400		100	30.9	63000		100	30.9	50700		200	61.8
Selenium, Total	7782-49-2	10	14.6		5	1.73	119		5	1.73	36.4		5	1.73	136		10	3.46
Silver, Total	7440-22-4	50	0.23	J	0.4	0.16	0.4		0.4	0.16	2010		40	16.3	0.59	J	0.8	0.32
Sodium, Total	7440-23-5	20000	314000		100	29.3	64800		100	29.3	170000		100	29.3	182000		200	58.6
Thallium, Total	7440-28-0	0.5	0.49	J	1	0.14	3.61		2	0.14	1.72		1	0.14	2.5		2	0.28
Vanadium, Total	7440-62-2		40.32		5	1.57	136.5		5	1.57	311.4		5	1.57	385.1		50	15.7
Zinc, Total	7440-66-6	2000	54.9		10	3.41	623.2		10	3.41	727.2		10	3.41	476.1		20	6.82
General Chemistry																		
Cyanide, Total	57-12-5	200	ND		5	1	ND		5	1	3	J	5	1	3	J	5	1

Notes
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.
Exceedance of NY-AWQS
J = Estimated
ND = Not Detected
- = Not Tested

Table 2.6 - Summary of Soil Vapor Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:														SV-1			SV-2			AA-1		
LAB ID:														L2242461-01			L2242461-02			L2242461-03		
COLLECTION DATE:														8/6/2022			8/6/2022			8/6/2022		
SAMPLE MATRIX:														SOIL_VAPOR			SOIL_VAPOR			AIR		
ANALYTE	CAS	NY-IAC-A	NY-SSC-A	NY-IAC-B	NY-SSC-B	NY-IAC-C	NY-SSC-C	NY-IAC-D	NY-SSC-D	NY-IAC-E	NY-SSC-E	NY-IAC-F	NY-SSC-F	Conc Q	RL	MDL	Conc Q	RL	MDL	Conc Q	RL	MDL
VOCs (ug/m3)																						
1,1,1-Trichloroethane	71-55-6			3	100									ND	3.89	-	ND	1.09	-	ND	1.09	-
1,1,2,2-Tetrachloroethane	79-34-5													ND	4.9	-	ND	1.37	-	ND	1.37	-
1,1,2-Trichloroethane	79-00-5													ND	3.89	-	ND	1.09	-	ND	1.09	-
1,1-Dichloroethane	75-34-3													ND	2.89	-	ND	0.809	-	ND	0.809	-
1,1-Dichloroethene	75-35-4	0.2	6											ND	2.83	-	ND	0.793	-	ND	0.793	-
1,2,4-Trichlorobenzene	120-82-1													ND	5.29	-	ND	1.48	-	ND	1.48	-
1,2,4-Trimethylbenzene	95-63-6							2	60					ND	3.51	-	7.82	0.983	-	ND	0.983	-
1,2-Dibromoethane	106-93-4													ND	5.48	-	ND	1.54	-	ND	1.54	-
1,2-Dichlorobenzene	95-50-1													ND	4.29	-	ND	1.2	-	ND	1.2	-
1,2-Dichloroethane	107-06-2													ND	2.89	-	ND	0.809	-	ND	0.809	-
1,2-Dichloropropane	78-87-5													ND	3.3	-	ND	0.924	-	ND	0.924	-
1,3,5-Trimethylbenzene	108-67-8							2	60					ND	3.51	-	8.6	0.983	-	ND	0.983	-
1,3-Butadiene	106-99-0													88.5	1.58	-	15.9	0.442	-	ND	0.442	-
1,3-Dichlorobenzene	541-73-1													ND	4.29	-	ND	1.2	-	ND	1.2	-
1,4-Dichlorobenzene	106-46-7													ND	4.29	-	ND	1.2	-	ND	1.2	-
1,4-Dioxane	123-91-1													ND	2.57	-	ND	0.721	-	ND	0.721	-
2,2,4-Trimethylpentane	540-84-1							2	60					ND	3.33	-	ND	0.934	-	ND	0.934	-
2-Butanone	78-93-3													74	5.25	-	101	1.47	-	ND	1.47	-
2-Hexanone	591-78-6													32.5	2.92	-	35	0.82	-	ND	0.82	-
3-Chloropropene	107-05-1													ND	2.23	-	ND	0.626	-	ND	0.626	-
4-Ethyltoluene	622-96-8													ND	3.51	-	3.52	0.983	-	ND	0.983	-
4-Methyl-2-pentanone	108-10-1													27	7.29	-	24.9	2.05	-	ND	2.05	-
Acetone	67-64-1													297	8.48	-	432	2.38	-	13.5	2.38	-
Benzene	71-43-2							2	60					18.4	2.28	-	23.7	0.639	-	ND	0.639	-
Benzyl chloride	100-44-7													ND	3.69	-	ND	1.04	-	ND	1.04	-
Bromodichloromethane	75-27-4													ND	4.78	-	ND	1.34	-	ND	1.34	-
Bromoform	75-25-2													ND	7.37	-	ND	2.07	-	ND	2.07	-
Bromomethane	74-83-9													ND	2.77	-	ND	0.777	-	ND	0.777	-
Carbon disulfide	75-15-0													81.9	2.22	-	51.4	0.623	-	ND	0.623	-
Carbon tetrachloride	56-23-5	0.2	6											ND	4.49	-	ND	1.26	-	ND	1.26	-
Chlorobenzene	108-90-7													ND	3.28	-	ND	0.921	-	ND	0.921	-
Chloroethane	75-00-3													ND	1.88	-	3.64	0.528	-	ND	0.528	-
Chloroform	67-66-3													ND	3.48	-	ND	0.977	-	ND	0.977	-
Chloromethane	74-87-3													2.93	1.47	-	8.78	0.413	-	1.44	0.413	-
cis-1,2-Dichloroethene	156-59-2	0.2	6											ND	2.83	-	ND	0.793	-	ND	0.793	-
cis-1,3-Dichloropropene	10061-01-5													ND	3.24	-	ND	0.908	-	ND	0.908	-
Cyclohexane	110-82-7							2	60					5.23	2.45	-	13.7	0.688	-	ND	0.688	-
Dibromochloromethane	124-48-1													ND	6.07	-	ND	1.7	-	ND	1.7	-
Dichlorodifluoromethane	75-71-8													ND	3.53	-	2.76	0.989	-	2.46	0.989	-
Ethanol	64-17-5													ND	33.5	-	35	9.42	-	17.8	9.42	-
Ethyl Acetate	141-78-6													12.9	6.41	-	4.97	1.8	-	ND	1.8	-
Ethylbenzene	100-41-4							2	60					ND	3.1	-	7.12	0.869	-	ND	0.869	-
Freon-113	76-13-1													ND	5.46	-	ND	1.53	-	ND	1.53	-
Freon-114	76-14-2													ND	4.98	-	ND	1.4	-	ND	1.4	-
Heptane	142-82-5									6	200			22.3	2.92	-	14.8	0.82	-	ND	0.82	-
Hexachlorobutadiene	87-68-3													ND	7.61	-	ND	2.13	-	ND	2.13	-
Isopropanol	67-63-0													10.8	4.38	-	15.4	1.23	-	8.11	1.23	-
Methyl tert butyl ether	1634-04-4													ND	2.57	-	ND	0.721	-	ND	0.721	-
Methylene chloride	75-09-2			3	100									24.8	6.18	-	ND	1.74	-	ND	1.74	-
n-Hexane	110-54-3									6	200			38.1	2.51	-	20.2	0.705	-	ND	0.705	-
o-Xylene	95-47-6							2	60					ND	3.1	-	9.43	0.869	-	ND	0.869	-
p/m-Xylene	179601-23-1									6	200			7.3	6.21	-	22.4	1.74	-	ND	1.74	-

Table 2.6 - Summary of Soil Vapor Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:														SV-1				SV-2				AA-1			
LAB ID:														L2242461-01				L2242461-02				L2242461-03			
COLLECTION DATE:														8/6/2022				8/6/2022				8/6/2022			
SAMPLE MATRIX:														SOIL_VAPOR				SOIL_VAPOR				AIR			
ANALYTE	CAS	NY-IAC-A	NY-SSC-A	NY-IAC-B	NY-SSC-B	NY-IAC-C	NY-SSC-C	NY-IAC-D	NY-SSC-D	NY-IAC-E	NY-SSC-E	NY-IAC-F	NY-SSC-F	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Styrene	100-42-5													ND		3.04	-	0.988		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0													55.8		5.4	-	63.4		1.52	-	ND		1.52	-
Tetrachloroethene	127-18-4			3	100									ND		4.83	-	7.26		1.36	-	ND		1.36	-
Tetrahydrofuran	109-99-9													9.73		5.25	-	5.93		1.47	-	ND		1.47	-
Toluene	108-88-3											10	300	24.8		2.69	-	21.2		0.754	-	3.92		0.754	-
trans-1,2-Dichloroethene	156-60-5													3.32		2.83	-	ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6													ND		3.24	-	ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6	0.2	6											ND		3.83	-	ND		1.07	-	ND		1.07	-
Trichlorofluoromethane	75-69-4													ND		4.01	-	2.47		1.12	-	1.36		1.12	-
Vinyl bromide	593-60-2													ND		3.12	-	ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4					0.2	6							ND		1.82	-	0.657		0.511	-	ND		0.511	-

Notes
ug/m^3: Micrograms per cubic meter
Bold: Elevated Concentration
Action Required by NYSDOH Decision Matrix
NY-IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-IAC-B: New York DOH Matrix B Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-IAC-C: New York DOH Matrix C Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-IAC-D: New York DOH Matrix D Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-IAC-E: New York DOH Matrix E Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-IAC-F: New York DOH Matrix F Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-D: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-SSC-E: New York DOH Matrix E Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.

Table 2.6 - Summary of Soil Vapor Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

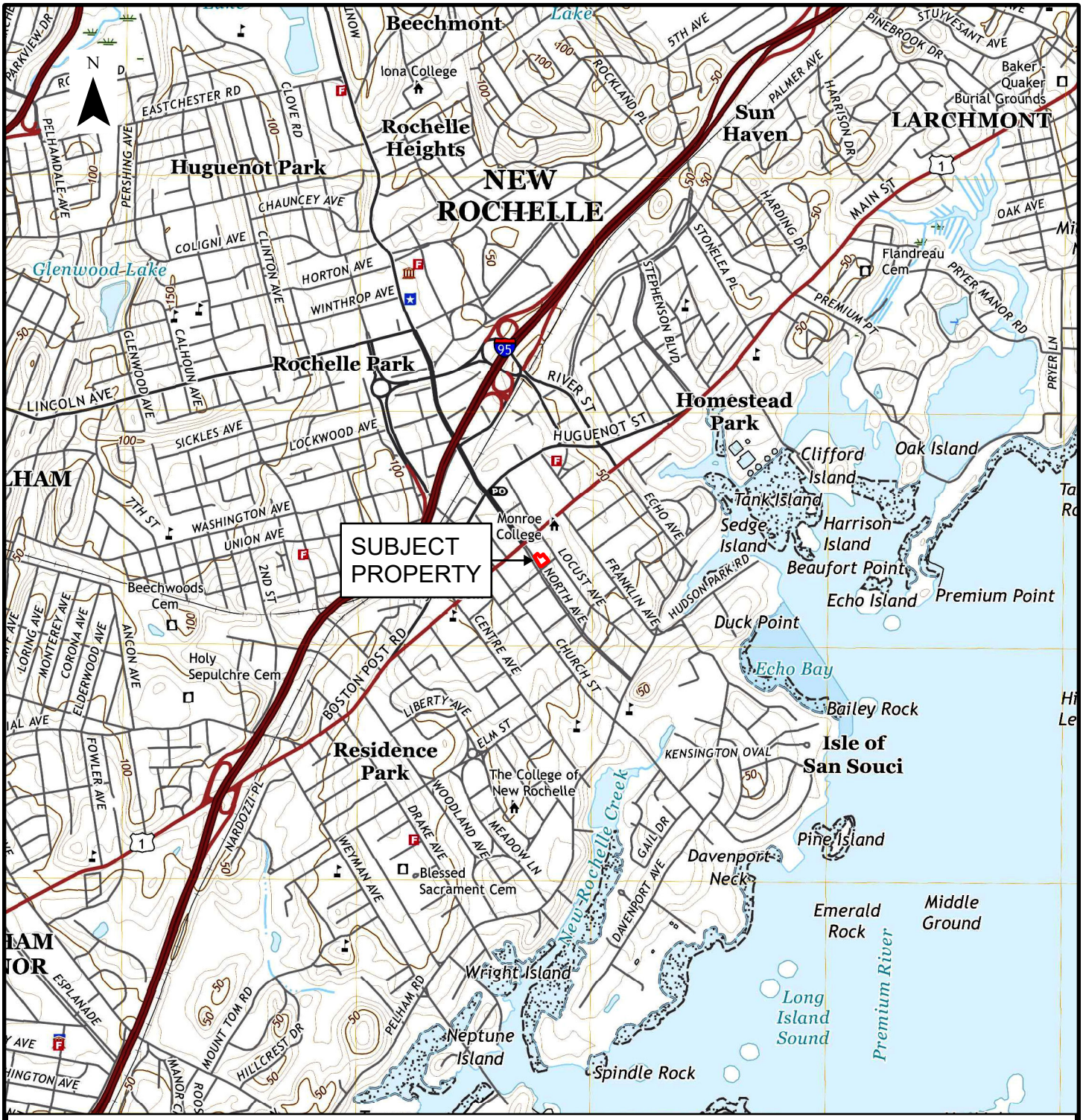
SAMPLE ID:														SV-201				SV-202			
LAB ID:														L2304933-01				L2304933-02			
COLLECTION DATE:														1/28/2023				1/28/2023			
SAMPLE MATRIX:														SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	CAS	NY-IAC-A	NY-SSC-A	NY-IAC-B	NY-SSC-B	NY-IAC-C	NY-SSC-C	NY-IAC-D	NY-SSC-D	NY-IAC-E	NY-SSC-E	NY-IAC-F	NY-SSC-F	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOCs (ug/m3)																					
1,1,1-Trichloroethane	71-55-6			3	100									ND		1.09	-	ND		2.6	-
1,1,2,2-Tetrachloroethane	79-34-5													ND		1.37	-	ND		3.27	-
1,1,2-Trichloroethane	79-00-5													ND		1.09	-	ND		2.6	-
1,1-Dichloroethane	75-34-3													ND		0.809	-	ND		1.93	-
1,1-Dichloroethene	75-35-4	0.2	6											ND		0.793	-	ND		1.89	-
1,2,4-Trichlorobenzene	120-82-1													ND		1.48	-	ND		3.53	-
1,2,4-Trimethylbenzene	95-63-6							2	60					2.37		0.983	-	2.82		2.34	-
1,2-Dibromoethane	106-93-4													ND		1.54	-	ND		3.66	-
1,2-Dichlorobenzene	95-50-1													ND		1.2	-	ND		2.86	-
1,2-Dichloroethane	107-06-2													ND		0.809	-	ND		1.93	-
1,2-Dichloropropane	78-87-5													ND		0.924	-	ND		2.2	-
1,3,5-Trimethylbenzene	108-67-8							2	60					ND		0.983	-	ND		2.34	-
1,3-Butadiene	106-99-0													3.94		0.442	-	ND		1.05	-
1,3-Dichlorobenzene	541-73-1													ND		1.2	-	ND		2.86	-
1,4-Dichlorobenzene	106-46-7													ND		1.2	-	ND		2.86	-
1,4-Dioxane	123-91-1													ND		0.721	-	ND		1.72	-
2,2,4-Trimethylpentane	540-84-1							2	60					ND		0.934	-	ND		2.22	-
2-Butanone	78-93-3													24.1		1.47	-	56.9		3.51	-
2-Hexanone	591-78-6													ND		0.82	-	ND		1.95	-
3-Chloropropene	107-05-1													ND		0.626	-	ND		1.49	-
4-Ethyltoluene	622-96-8													ND		0.983	-	ND		2.34	-
4-Methyl-2-pentanone	108-10-1													ND		2.05	-	ND		4.88	-
Acetone	67-64-1													35.2		2.38	-	52		5.65	-
Benzene	71-43-2							2	60					4.73		0.639	-	ND		1.52	-
Benzyl chloride	100-44-7													ND		1.04	-	ND		2.46	-
Bromodichloromethane	75-27-4													ND		1.34	-	ND		3.19	-
Bromoform	75-25-2													ND		2.07	-	ND		4.92	-
Bromomethane	74-83-9													ND		0.777	-	ND		1.85	-
Carbon disulfide	75-15-0													2.58		0.623	-	ND		1.48	-
Carbon tetrachloride	56-23-5	0.2	6											ND		1.26	-	ND		2.99	-
Chlorobenzene	108-90-7													ND		0.921	-	ND		2.19	-
Chloroethane	75-00-3													ND		0.528	-	ND		1.26	-
Chloroform	67-66-3													1.91		0.977	-	ND		2.32	-
Chloromethane	74-87-3													ND		0.413	-	ND		0.983	-
cis-1,2-Dichloroethene	156-59-2	0.2	6											ND		0.793	-	ND		1.89	-
cis-1,3-Dichloropropene	10061-01-5													ND		0.908	-	ND		2.16	-
Cyclohexane	110-82-7							2	60					2.08		0.688	-	1.65		1.64	-
Dibromochloromethane	124-48-1													ND		1.7	-	ND		4.06	-
Dichlorodifluoromethane	75-71-8													2.07		0.989	-	ND		2.35	-
Ethanol	64-17-5													34.7		9.42	-	92.7		22.4	-
Ethyl Acetate	141-78-6													5.08		1.8	-	17.8		4.29	-
Ethylbenzene	100-41-4							2	60					**176**		0.869	-	**405**		2.07	-
Freon-113	76-13-1													ND		1.53	-	ND		3.65	-
Freon-114	76-14-2													ND		1.4	-	ND		3.33	-
Heptane	142-82-5									6	200			37.4		0.82	-	8.97		1.95	-
Hexachlorobutadiene	87-68-3													ND		2.13	-	ND		5.08	-
Isopropanol	67-63-0													3.44		1.23	-	8.53		2.93	-
Methyl tert butyl ether	1634-04-4													ND		0.721	-	ND		1.72	-
Methylene chloride	75-09-2			3	100									ND		1.74	-	ND		4.13	-
n-Hexane	110-54-3									6	200			123		0.705	-	7.12		1.68	-
o-Xylene	95-47-6							2	60					**151**		0.869	-	**337**		2.07	-
p/m-Xylene	179601-23-1									6	200			**547**		1.74	-	**1240**		4.14	-

Table 2.6 - Summary of Soil Vapor Analytical Results
177 North Avenue, New Rochelle, NY; Block 215, Lot 29

SAMPLE ID:														SV-201				SV-202		
LAB ID:														L2304933-01				L2304933-02		
COLLECTION DATE:														1/28/2023				1/28/2023		
SAMPLE MATRIX:														SOIL_VAPOR				SOIL_VAPOR		
ANALYTE	CAS	NY-IAC-A	NY-SSC-A	NY-IAC-B	NY-SSC-B	NY-IAC-C	NY-SSC-C	NY-IAC-D	NY-SSC-D	NY-IAC-E	NY-SSC-E	NY-IAC-F	NY-SSC-F	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Styrene	100-42-5													ND		0.852	-	ND		2.03	-
Tertiary butyl Alcohol	75-65-0													2.66		1.52	-	ND		3.61	-
Tetrachloroethene	127-18-4			3	100									6.98		1.36	-	8.07		3.23	-
Tetrahydrofuran	109-99-9													ND		1.47	-	ND		3.51	-
Toluene	108-88-3											10	300	56.2		0.754	-	65.6		1.79	-
trans-1,2-Dichloroethene	156-60-5													ND		0.793	-	ND		1.89	-
trans-1,3-Dichloropropene	10061-02-6													ND		0.908	-	ND		2.16	-
Trichloroethene	79-01-6	0.2	6											ND		1.07	-	ND		2.56	-
Trichlorofluoromethane	75-69-4													ND		1.12	-	ND		2.67	-
Vinyl bromide	593-60-2													ND		0.874	-	ND		2.08	-
Vinyl chloride	75-01-4					0.2	6							ND		0.511	-	ND		1.22	-

Notes
ug/m^3: Micrograms per cubic meter
Bold: Elevated Concentration
Action Required by NYSDOH Decision Matrix
NY-IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-IAC-B: New York DOH Matrix B Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-IAC-C: New York DOH Matrix C Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-IAC-D: New York DOH Matrix D Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-IAC-E: New York DOH Matrix E Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-IAC-F: New York DOH Matrix F Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-D: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-SSC-E: New York DOH Matrix E Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.
NY-SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.

Figures



REFERENCE:

UNITED STATES GEOLOGICAL SURVEY (USGS)
MOUNT VERNON, NY USGS QUADRANGLE - 2019

LEGEND:

SUBJECT PROPERTY LOCATION

SCALE: 1" = 2,000'

0 1,000 2,000 4,000 FEET

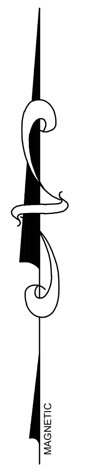
177 NORTH AVENUE
PROPOSED BLOCK 215, LOT 29
NEW ROCHELLE, NY

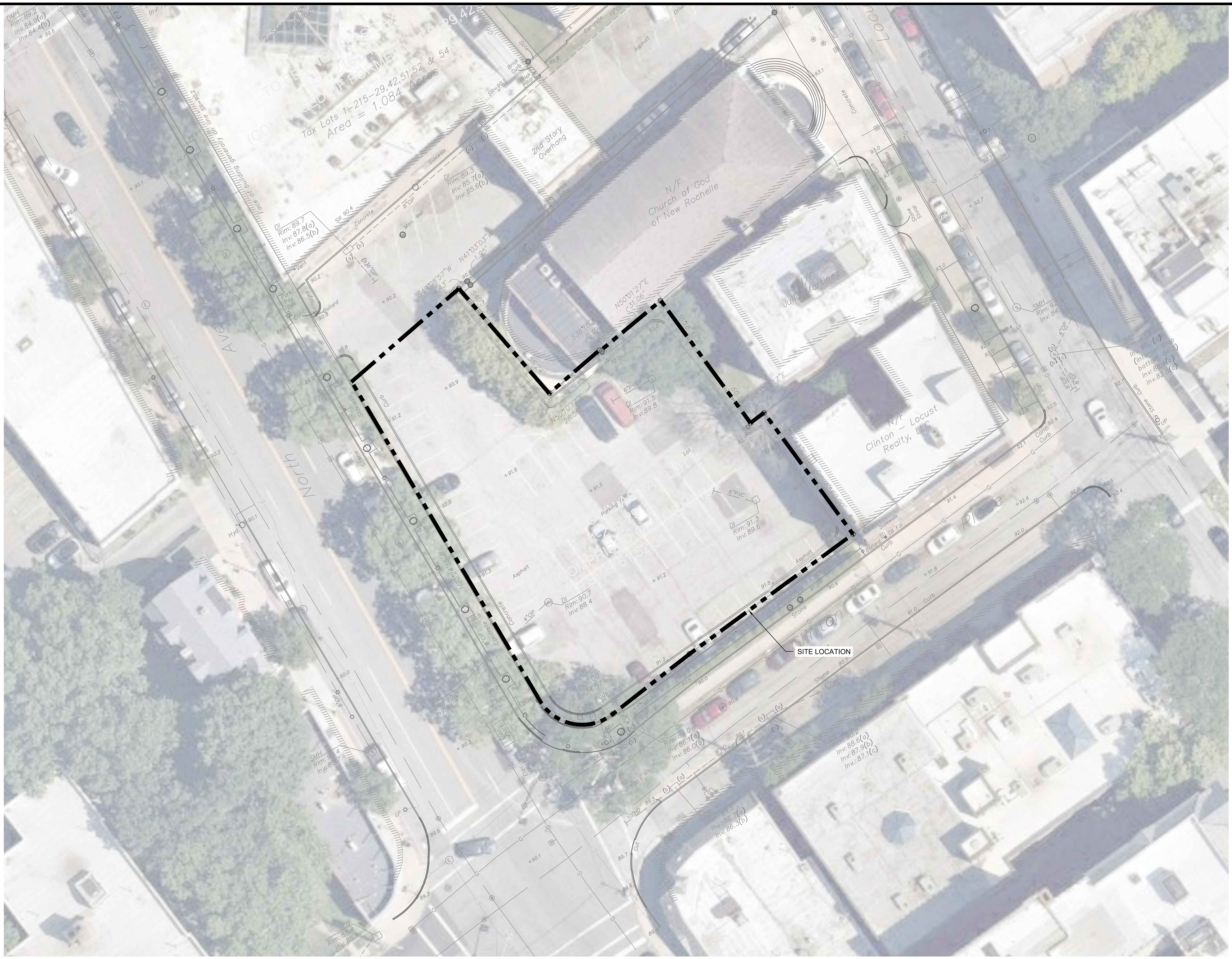
SITE LOCATION MAP

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

FIG-1.1	
DRAWN BY:	KBV
CHECKED BY:	CM
SCALE:	AS NOTED
DATE:	10/9/2025
JOB NO:	12587

Y:\GIS\Project_Numbers\12587\APRX_PROJECT\APRX_Phase1_Prj_No.aprx, 10/9/2025 11:26 AM, Kim Vanderklein, LAYOUT: FIG-1.2





REFERENCE:
1. AERIAL PHOTOGRAPHY TAKEN FROM 2022 MICROSOFT/BING CORP. 2022 MAXAR, CNES (2022) DISTRIBUTION AIRBUS DS AERIAL IMAGING.

LEGEND:

- SITE BOUNDARY

Scale: 1"= 20'

0 10 20 40 60 80

NYS Education Law
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N:\ACAD\12587\CAD\ENVIRONMENTAL\PHASE II\SOUTH SECTION\12587.DWG.PH II SITE ASSESSMENT.DWG 10/09/25 11:32:03AM, kim.vanderklein, LAYOUT: SITE PLAN

rev	date	description	by

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 10/09/2025

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GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

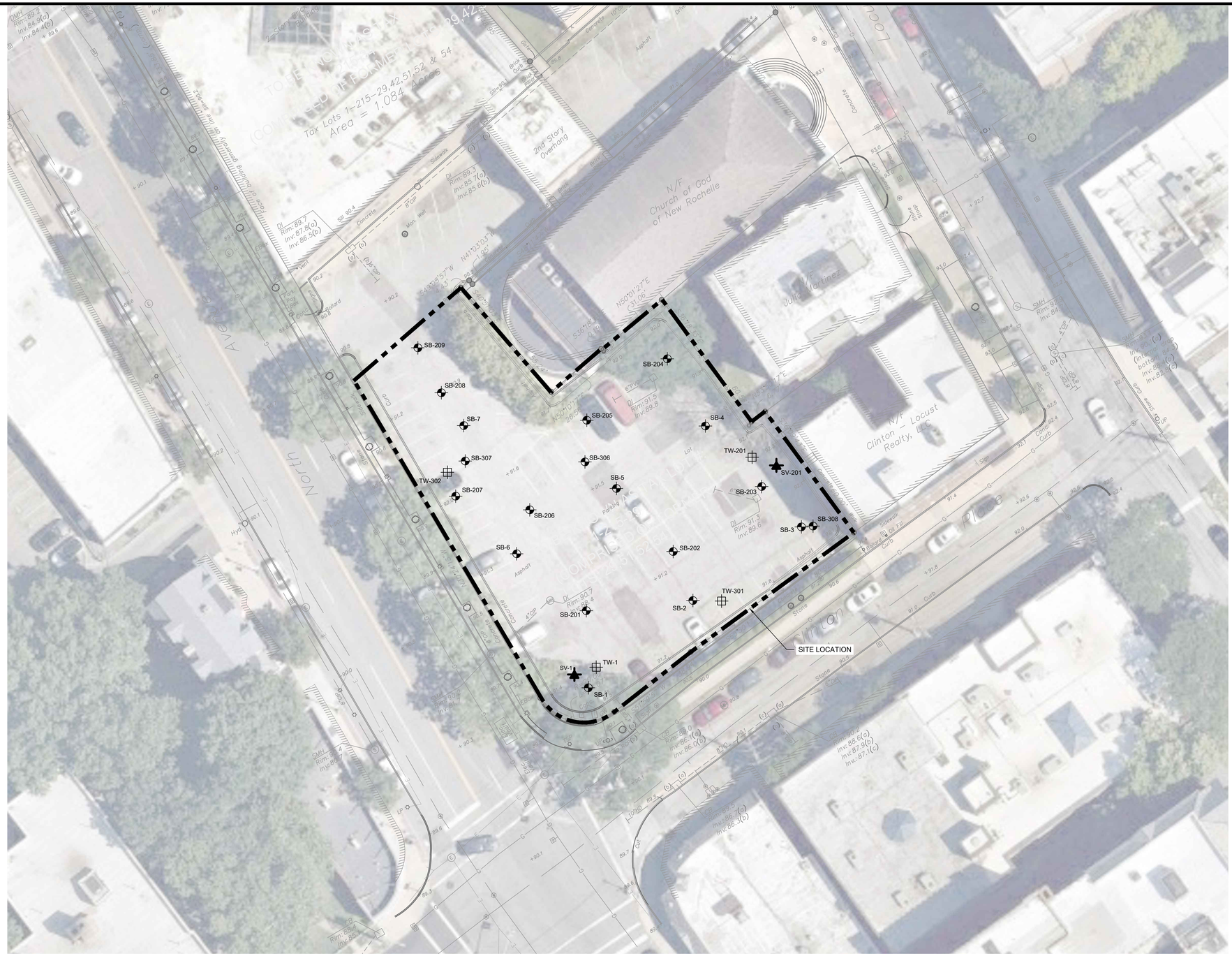
177 NORTH AVENUE
BLOCK 215, LOT 29 (PORTION)
PHASE II ENVIRONMENTAL SITE ASSESSMENT
NEW ROCHELLE, NEW YORK

title:
SITE PLAN

job no. 12587
drawing no.

FIG-1.2

1 of 1



LEGEND:

- SITE BOUNDARY
- SV-1 - SOIL VAPOR SAMPLE NO. AND APPROX. LOCATION
- TW-1 - TEMPORARY GROUNDWATER WELL SAMPLE NO. AND APPROX. LOCATION
- SB-1 - SOIL SAMPLE NO. AND APPROX. LOCATION

Scale: 1"= 20'

0 10 20 40 60 80

REFERENCE:

1. AERIAL PHOTOGRAPHY TAKEN FROM 2022 MICROSOFT/BING CORP. 2022 MAXAR, CNES (2022) DISTRIBUTION AIRBUS DS AERIAL IMAGING.

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dwg by: KBV
chk by: CM
scale: AS NOTED
date: 10/09/2025

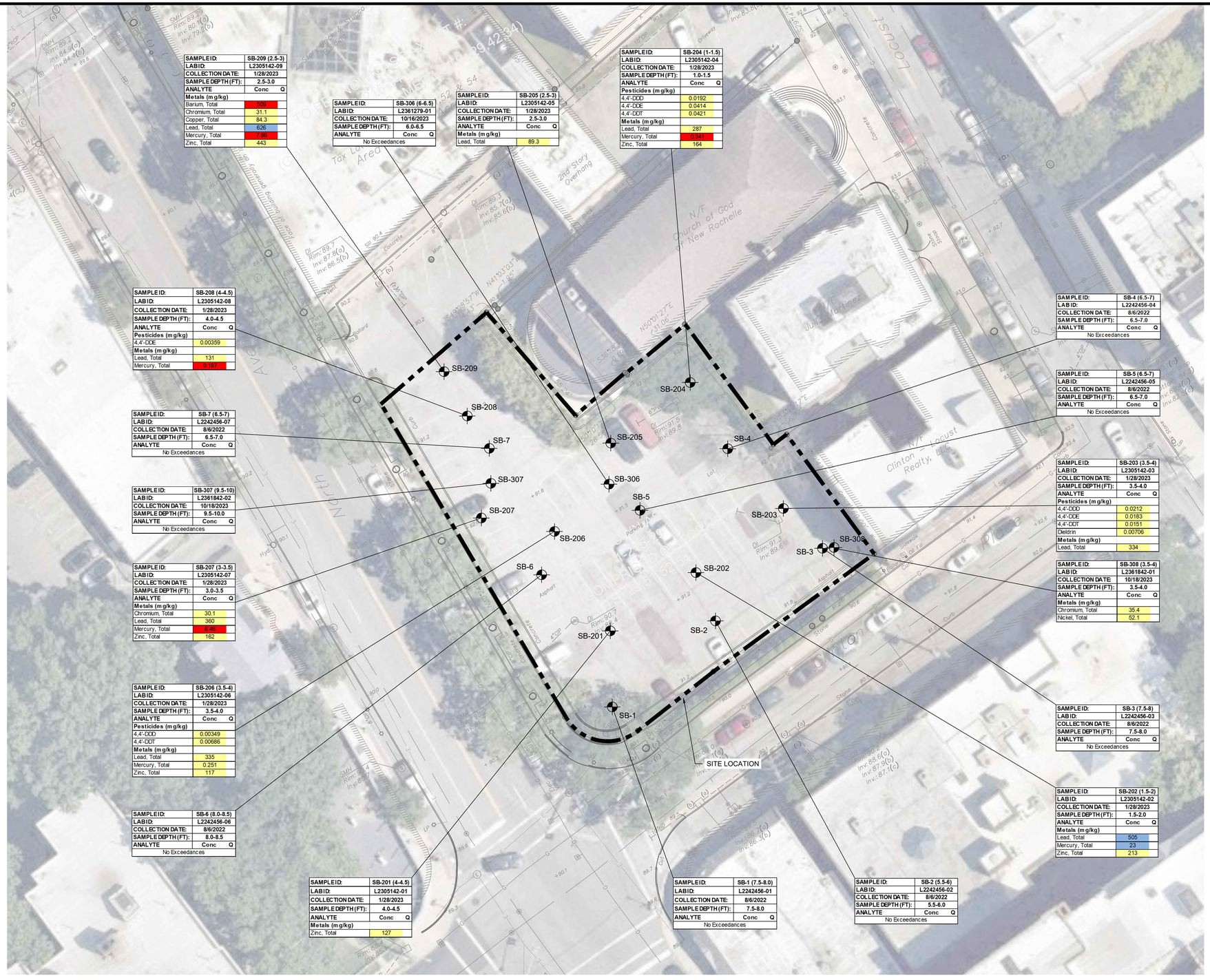
177 NORTH AVENUE
BLOCK 215, LOT 29 (PORTION)
PHASE II ENVIRONMENTAL SITE ASSESSMENT
NEW ROCHELLE, NEW YORK

title: BORING LOCATION PLAN

job no. 12587
drawing no. FIG-2.1

1 of 1

N:\ACAD\12587\CAD\ENVIRONMENTAL\PHASE II\SOUTH SECTION\12587-SWPPP & SITE ASSESSMENT.DWG 10/09/25 11:31:24AM, kim.vanderaken, LAYOUT: BORING PLAN



SAMPLE ID:	SB-209 (2.5-3)
LAB ID:	L2305142-09
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	2.5-3.0
ANALYTE	Conc Q
Metals (mg/kg)	
Barium, Total	508
Chromium, Total	31.1
Copper, Total	84.3
Lead, Total	626
Mercury, Total	1.35
Zinc, Total	443

SAMPLE ID:	SB-306 (6-6.5)
LAB ID:	L2361279-01
COLLECTION DATE:	10/16/2023
SAMPLE DEPTH (FT):	6.0-6.5
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-205 (2.5-3)
LAB ID:	L2305142-05
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	2.5-3.0
ANALYTE	Conc Q
Metals (mg/kg)	
Lead, Total	89.3

SAMPLE ID:	SB-204 (1-1.5)
LAB ID:	L2305142-04
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	1.0-1.5
ANALYTE	Conc Q
Pesticides (mg/kg)	
4,4'-DDD	0.0192
4,4'-DDE	0.0414
4,4'-DDT	0.0421
Metals (mg/kg)	
Lead, Total	287
Mercury, Total	0.341
Zinc, Total	164

SAMPLE ID:	SB-208 (4-4.5)
LAB ID:	L2305142-08
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	4.0-4.5
ANALYTE	Conc Q
Pesticides (mg/kg)	
4,4'-DDE	0.00359
Metals (mg/kg)	
Lead, Total	131
Mercury, Total	0.167

SAMPLE ID:	SB-7 (6.5-7)
LAB ID:	L2242456-07
COLLECTION DATE:	8/6/2022
SAMPLE DEPTH (FT):	6.5-7.0
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-307 (9.5-10)
LAB ID:	L2361842-02
COLLECTION DATE:	10/18/2023
SAMPLE DEPTH (FT):	9.5-10.0
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-207 (3-3.5)
LAB ID:	L2305142-07
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	3.0-3.5
ANALYTE	Conc Q
Metals (mg/kg)	
Chromium, Total	30.1
Lead, Total	360
Mercury, Total	0.46
Zinc, Total	162

SAMPLE ID:	SB-206 (3.5-4)
LAB ID:	L2305142-06
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	3.5-4.0
ANALYTE	Conc Q
Pesticides (mg/kg)	
4,4'-DDD	0.00349
4,4'-DDT	0.00686
Metals (mg/kg)	
Lead, Total	335
Mercury, Total	0.251
Zinc, Total	117

SAMPLE ID:	SB-6 (8.0-8.5)
LAB ID:	L2242456-06
COLLECTION DATE:	8/6/2022
SAMPLE DEPTH (FT):	8.0-8.5
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-201 (4-4.5)
LAB ID:	L2305142-01
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	4.0-4.5
ANALYTE	Conc Q
Metals (mg/kg)	
Zinc, Total	127

SAMPLE ID:	SB-1 (7.5-8.0)
LAB ID:	L2242456-01
COLLECTION DATE:	8/6/2022
SAMPLE DEPTH (FT):	7.5-8.0
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-2 (5.5-6)
LAB ID:	L2242456-02
COLLECTION DATE:	8/6/2022
SAMPLE DEPTH (FT):	5.5-6.0
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-4 (6.5-7)
LAB ID:	L2242456-04
COLLECTION DATE:	8/6/2022
SAMPLE DEPTH (FT):	6.5-7.0
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-5 (6.5-7)
LAB ID:	L2242456-05
COLLECTION DATE:	8/6/2022
SAMPLE DEPTH (FT):	6.5-7.0
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-203 (3.5-4)
LAB ID:	L2305142-03
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	3.5-4.0
ANALYTE	Conc Q
Pesticides (mg/kg)	
4,4'-DDD	0.0212
4,4'-DDE	0.0183
4,4'-DDT	0.0151
Dieldrin	0.00706
Metals (mg/kg)	
Lead, Total	334

SAMPLE ID:	SB-308 (3.5-4)
LAB ID:	L2361842-01
COLLECTION DATE:	10/18/2023
SAMPLE DEPTH (FT):	3.5-4.0
ANALYTE	Conc Q
Metals (mg/kg)	
Chromium, Total	35.4
Nickel, Total	52.1

SAMPLE ID:	SB-3 (7.5-8)
LAB ID:	L2242456-03
COLLECTION DATE:	8/6/2022
SAMPLE DEPTH (FT):	7.5-8.0
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-202 (1.5-2)
LAB ID:	L2305142-02
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	1.5-2.0
ANALYTE	Conc Q
Metals (mg/kg)	
Lead, Total	505
Mercury, Total	23
Zinc, Total	213

ANALYTE	USCO	RRSCO	PGWSCO
Pesticides (mg/kg)			
4,4'-DDD	0.0033	5	14
4,4'-DDE	0.0033	3.4	9.3
4,4'-DDT	0.0033	3.8	135
Dieldrin	0.005	0.075	0.1
Metals (mg/kg)			
Barium, Total	410	410	820
Chromium, Total	30	110	NS
Copper, Total	50	280	1720
Lead, Total	63	400	450
Mercury, Total	0.18	0.3	0.73
Nickel, Total	30	320	130
Zinc, Total	109	6600	2480

Notes

USCO: New York NY CRR Part 375 New York Unrestricted use Criteria Criteria per 6 NY CRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

RRSCO: New York NY CRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NY CRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

PGWSCO: New York NY CRR Part 375 Protection of Groundwater Criteria, New York Restricted use Criteria per 6 NY CRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Exceedance of USCO

Exceedance of RRSCO

Exceedance of PGWSCO

J = Estimated

ND = Not Detected

- = Not Tested

LEGEND:

- SITE BOUNDARY

SB-1 - SOIL SAMPLE NO. AND APPROX. LOCATION

REFERENCE:

1. AERIAL PHOTOGRAPHY TAKEN FROM 2022 MICROSOFT/BING CORP. 2022 MAXAR, CNES (2022) DISTRIBUTION AIRBUS DS AERIAL IMAGING.

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0 10 20 40 60 80

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chk by: AS
scale: AS NOTED
date: 07/22/2026

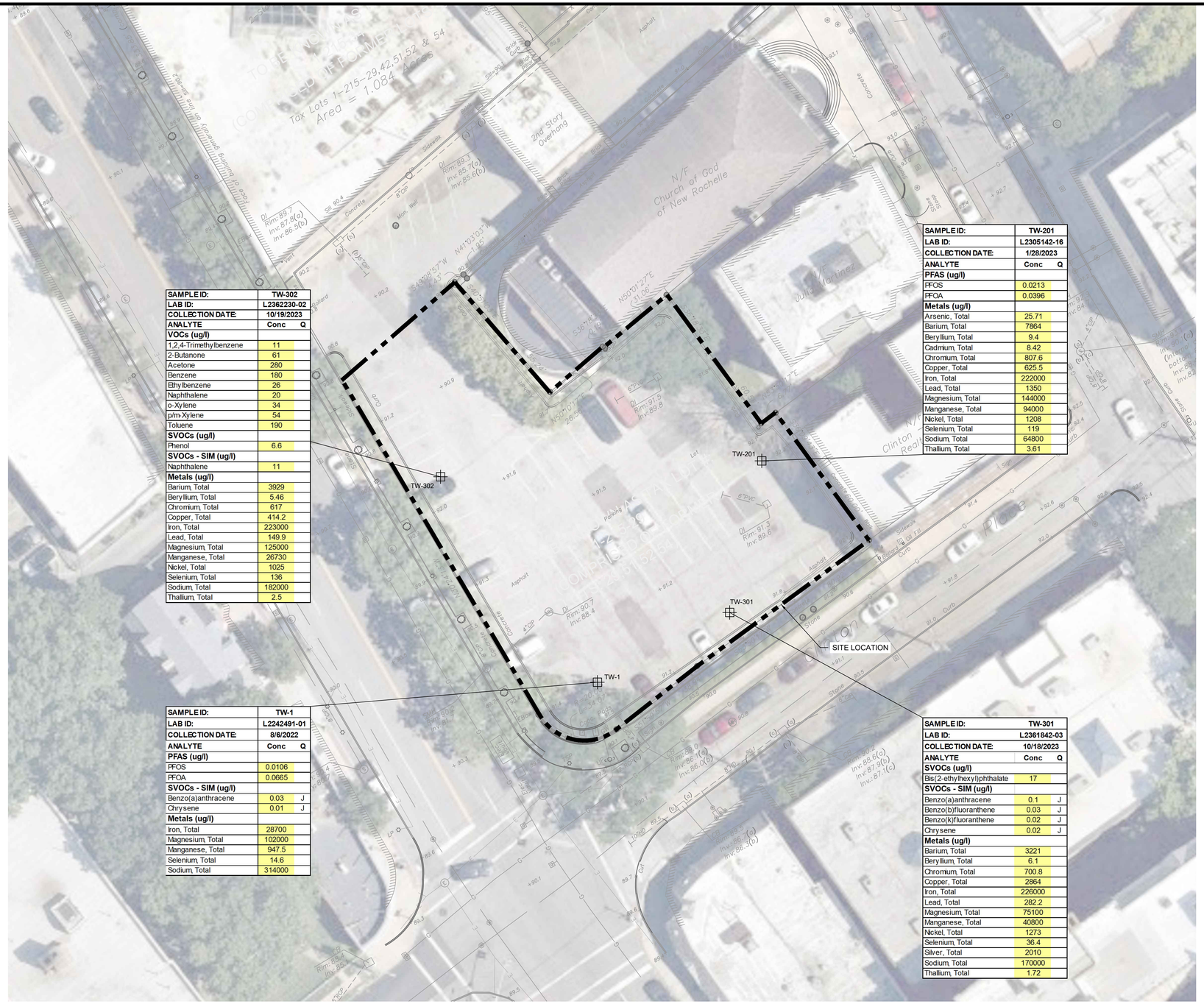
177 NORTH AVENUE
BLOCK 215, LOT 29 (PORTION)
PHASE II ENVIRONMENTAL SITE ASSESSMENT
NEW ROCHELLE, NEW YORK

title:

SOIL SAMPLE RESULTS PLAN

job no. 12587A
drawing no.

FIG-2.2



SAMPLE ID:	TW-302	
LAB ID:	L2362230-02	
COLLECTION DATE:	10/19/2023	
ANALYTE	Conc	Q
VOCs (ug/l)		
1,2,4-Trimethylbenzene	11	
2-Butanone	61	
Acetone	280	
Benzene	180	
Ethylbenzene	26	
Naphthalene	20	
o-Xylene	34	
p/m-Xylene	54	
Toluene	190	
SVOCs (ug/l)		
Phenol	6.6	
SVOCs - SIM (ug/l)		
Naphthalene	11	
Metals (ug/l)		
Barium, Total	3929	
Beryllium, Total	5.46	
Chromium, Total	617	
Copper, Total	414.2	
Iron, Total	223000	
Lead, Total	149.9	
Magnesium, Total	125000	
Manganese, Total	26730	
Nickel, Total	1025	
Selenium, Total	136	
Sodium, Total	182000	
Thallium, Total	2.5	

SAMPLE ID:	TW-201	
LAB ID:	L2305142-16	
COLLECTION DATE:	1/28/2023	
ANALYTE	Conc	Q
PFAS (ug/l)		
PFOS	0.0213	
PFOA	0.0396	
Metals (ug/l)		
Arsenic, Total	25.71	
Barium, Total	7864	
Beryllium, Total	9.4	
Cadmium, Total	8.42	
Chromium, Total	807.6	
Copper, Total	625.5	
Iron, Total	222000	
Lead, Total	1350	
Magnesium, Total	144000	
Manganese, Total	94000	
Nickel, Total	1208	
Selenium, Total	119	
Sodium, Total	64800	
Thallium, Total	3.61	

SAMPLE ID:	TW-1	
LAB ID:	L2242491-01	
COLLECTION DATE:	8/6/2022	
ANALYTE	Conc	Q
PFAS (ug/l)		
PFOS	0.0106	
PFOA	0.0665	
SVOCs - SIM (ug/l)		
Benzo(a)anthracene	0.03	J
Chrysene	0.01	J
Metals (ug/l)		
Iron, Total	28700	
Magnesium, Total	102000	
Manganese, Total	947.5	
Selenium, Total	14.6	
Sodium, Total	314000	

SAMPLE ID:	TW-301	
LAB ID:	L2361842-03	
COLLECTION DATE:	10/18/2023	
ANALYTE	Conc	Q
SVOCs (ug/l)		
Bis(2-ethylhexyl)phthalate	17	
SVOCs - SIM (ug/l)		
Benzo(a)anthracene	0.1	J
Benzo(b)fluoranthene	0.03	J
Benzo(k)fluoranthene	0.02	J
Chrysene	0.02	J
Metals (ug/l)		
Barium, Total	3221	
Beryllium, Total	6.1	
Chromium, Total	700.8	
Copper, Total	2864	
Iron, Total	226000	
Lead, Total	282.2	
Magnesium, Total	75100	
Manganese, Total	40800	
Nickel, Total	1273	
Selenium, Total	36.4	
Silver, Total	2010	
Sodium, Total	170000	
Thallium, Total	1.72	

ANALYTE	NY-AWQS
VOCs (ug/l)	
1,2,4-Trimethylbenzene	5
2-Butanone	50
Acetone	50
Benzene	1
Ethylbenzene	5
Naphthalene	10
o-Xylene	5
p/m-Xylene	5
Toluene	5
PFAS (ug/l)	
PFOS	0.0027
PFOA	0.0067
SVOCs (ug/l)	
Bis(2-ethylhexyl)phthalate	5
Phenol	1
SVOCs - SIM (ug/l)	
Benzo(a)anthracene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Naphthalene	10
Metals (ug/l)	
Arsenic, Total	25
Barium, Total	1000
Beryllium, Total	3
Cadmium, Total	5
Chromium, Total	50
Copper, Total	200
Iron, Total	300
Lead, Total	25
Magnesium, Total	35000
Manganese, Total	300
Nickel, Total	100
Selenium, Total	10
Silver, Total	50
Sodium, Total	20000
Thallium, Total	0.5

Notes

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.
Exceedance of NY-AWQS
J = Estimated
ND = Not Detected
- = Not Tested
PFOS = Perfluorooctanesulfonic Acid
PFOA = Perfluorooctanoic Acid

LEGEND:

- SITE BOUNDARY
- TW-1 - TEMPORARY GROUNDWATER WELL SAMPLE NO. AND APPROX. LOCATION

REFERENCE:
1. AERIAL PHOTOGRAPHY TAKEN FROM 2022 MICROSOFT/BING CORP. 2022 MAXAR, CNES (2022) DISTRIBUTION AIRBUS DS AERIAL IMAGING.

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0 10 20 40 60 80

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date: 10/09/2025

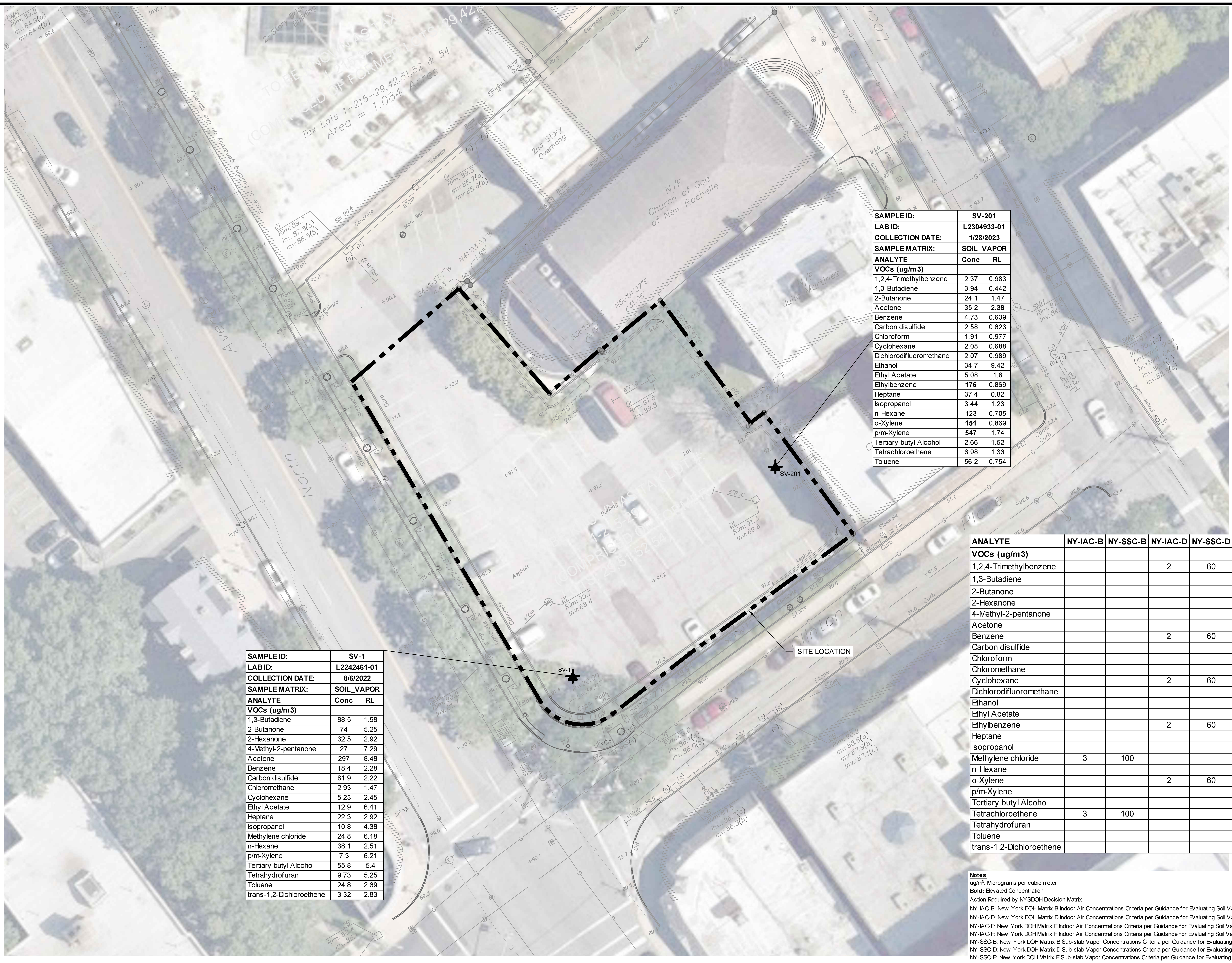
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177 NORTH AVENUE
BLOCK 215, LOT 29 (PORTION)
PHASE II ENVIRONMENTAL SITE ASSESSMENT
NEW ROCHELLE, NEW YORK

title: GROUNDWATER SAMPLE RESULTS PLAN

job no. 12587
drawing no. FIG-2.3

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SAMPLE ID:	SV-201	
LAB ID:	L2304933-01	
COLLECTION DATE:	1/28/2023	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc	RL
VOCs (ug/m3)		
1,2,4-Trimethylbenzene	2.37	0.983
1,3-Butadiene	3.94	0.442
2-Butanone	24.1	1.47
Acetone	35.2	2.38
Benzene	4.73	0.639
Carbon disulfide	2.58	0.623
Chloroform	1.91	0.977
Cyclohexane	2.08	0.688
Dichlorodifluoromethane	2.07	0.989
Ethanol	34.7	9.42
Ethyl Acetate	5.08	1.8
Ethylbenzene	**176**	0.869
Heptane	37.4	0.82
Isopropanol	3.44	1.23
n-Hexane	123	0.705
o-Xylene	**151**	0.869
p/m-Xylene	**547**	1.74
Tertiary butyl Alcohol	2.66	1.52
Tetrachloroethene	6.98	1.36
Toluene	56.2	0.754

SAMPLE ID:	SV-1	
LAB ID:	L2242461-01	
COLLECTION DATE:	8/6/2022	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc	RL
VOCs (ug/m3)		
1,3-Butadiene	88.5	1.58
2-Butanone	74	5.25
2-Hexanone	32.5	2.92
4-Methyl-2-pentanone	27	7.29
Acetone	297	8.48
Benzene	18.4	2.28
Carbon disulfide	81.9	2.22
Chloromethane	2.93	1.47
Cyclohexane	5.23	2.45
Ethyl Acetate	12.9	6.41
Heptane	22.3	2.92
Isopropanol	10.8	4.38
Methylene chloride	24.8	6.18
n-Hexane	38.1	2.51
p/m-Xylene	7.3	6.21
Tertiary butyl Alcohol	55.8	5.4
Tetrahydrofuran	9.73	5.25
Toluene	24.8	2.69
trans-1,2-Dichloroethene	3.32	2.83

ANALYTE	NY-IAC-B	NY-SSC-B	NY-IAC-D	NY-SSC-D	NY-IAC-E	NY-SSC-E	NY-IAC-F	NY-SSC-F
VOCs (ug/m3)								
1,2,4-Trimethylbenzene			2	60				
1,3-Butadiene								
2-Butanone								
2-Hexanone								
4-Methyl-2-pentanone								
Acetone								
Benzene			2	60				
Carbon disulfide								
Chloroform								
Chloromethane								
Cyclohexane			2	60				
Dichlorodifluoromethane								
Ethanol								
Ethyl Acetate								
Ethylbenzene			2	60				
Heptane					6	200		
Isopropanol								
Methylene chloride	3	100						
n-Hexane					6	200		
o-Xylene			2	60				
p/m-Xylene					6	200		
Tertiary butyl Alcohol								
Tetrachloroethene	3	100						
Tetrahydrofuran								
Toluene							10	300
trans-1,2-Dichloroethene								

Notes

ug/m^3: Micrograms per cubic meter

Bold: Elevated Concentration

Action Required by NYSDOH Decision Matrix

NY-IAC-B: New York DOH Matrix B Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NY-IAC-D: New York DOH Matrix D Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.

NY-IAC-E: New York DOH Matrix E Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.

NY-IAC-F: New York DOH Matrix F Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.

NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NY-SSC-D: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.

NY-SSC-E: New York DOH Matrix E Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.

NY-SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, February, 2024.

LEGEND:

▬ ▪ ▬ - SITE BOUNDARY

▲ SV-1 - SOIL VAPOR SAMPLE NO. AND APPROX. LOCATION

REFERENCE:

1. AERIAL PHOTOGRAPHY TAKEN FROM 2022 MICROSOFT/BING CORP. 2022 MAXAR, CNES (2022) DISTRIBUTION AIRBUS DS AERIAL IMAGING.

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Scale: 1"= 20'

0 10 20 40 60 80

rev	date	description	by

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chk by: CM
scale: AS NOTED
date: 10/09/2025

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177 NORTH AVENUE
BLOCK 215, LOT 29 (PORTION)
PHASE II ENVIRONMENTAL SITE ASSESSMENT
NEW ROCHELLE, NEW YORK

title: SOIL VAPOR RESULTS PLAN

job no. 12587
drawing no.

FIG-2.4

1 of 1

Appendix A:

GPR Report

Coastal Environmental Solutions, Inc.

GEOPHYSICAL INVESTIGATION REPORT

8/12/22

466 Main St, New Rochelle, NY
Date of Investigation: 8/6/2022

Prepared for:

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

Prepared By:

Dennis Berthold
Coastal Environmental Solutions, Inc.
PO Box 342
Medford, New York 11763

1.0 INTRODUCTION

On 8/6/2022, Coastal Environmental Solutions, Inc (Coastal) personnel performed a limited geophysical investigation at the site located at 466 Main St, New Rochelle, NY. The area of interest included soil boring locations within the asphalt parking lot and two locations within the basement of the building as indicated by the client. Surface conditions consisted of asphalt, concrete and soil/grass.

2.0 SCOPE OF WORK

1. Locate and mark detectable underground utilities in close proximity to client proposed soil boring locations.

3.0 EQUIPMENT

ImpulseRadar PinPointR Ultra-Wide Band (UWB) Penetrating Radar System

Ground Penetrating RADAR (GPR) is a non-destructive geophysical method that produces a continuous cross-sectional profile of subsurface features in real time. GPR operates by transmitting both high and low frequency electromagnetic wave pulses down into the ground through a transmitter in the antenna. The transmitted electromagnetic waves reflect off materials with contrasting dielectric properties from surrounding medium such as underground storage tanks, utilities, distinct contacts between different earth materials, and other various subsurface objects. The antenna receiver collects the reflected electromagnetic waves which are then interpreted by the operator.

The ImpulseRadar PinPointR UWB GPR utilizes a dual band 400/800 MHz HS antenna mounted to a stroller frame which rolls over the surface. The total depth of penetration achieved with the antenna can be up to 10 feet but widely varies based on site-specific subsurface conditions. Conductive materials in the soil attenuate the GPR signal causing a decrease in effective depth of penetration and clarity.

Vivax-Metrotech vLoc3-Pro Receiver/Transmitter

The vLoc3-Pro Receiver is a hand-operated antenna capable of detecting electromagnetic (EM) fields emitted from a source. The EM antenna can detect pipes and cables in the ground at depths of up to 20 feet using active or passive tracing techniques. Passive tracing is the act of locating an underground utility through the detection of electrical or radio signals travelling along conductive utilities. Active tracing is used in conjunction with the Transmitter that is directly connected to the target utility or to a conductive rodder within a non-conductive line. A signal is sent through the utility at a specific frequency that can be detected by the Receiver. The detectability of a target utility depends on many factors including access to the target utility, grounding, depth of utility, conductivity, and other site-specific factors.

TW-6 Pipe and Cable Locator

The TW-6 Pipe and Cable locator is a handheld magnetometer which utilizes a transmitter-receiver pair attached to opposite ends of a handle and carried approximately 1-2ft from the surface. The magnetometer induces an electromagnetic (EM) field into the ground that is generated by the

transmitter. Once the induced EM field passes through a buried metallic object, it generates a secondary EM field which is detected by the receiver, generating an audible tone. Based on the calibration of the magnetometer, the audible tone reflects the strongest response as the highest pitched sound, trailing off on all sides of the peak. This piece of technology can be used to detect subsurface features such as metallic USTs, large diameter conductive pipes, and buried manholes, especially in areas in which traditional GPR methods cannot be utilized, such as overgrown or uneven surfaces.

4.0 METHODOLOGY

1. A subsurface investigation was performed in close proximity to the client proposed soil boring locations. Active and passive detection methods were utilized with the VLoc3-Pro receiver/transmitter. Coastal personnel direct connected to all accessible and traceable pipes, conduits, valve covers, and any other surface feature throughout the site. A passive scan was performed throughout the site to detect any potential underground utilities that could not be located with active scan.
2. The TW-6 was utilized to sweep accessible areas around suspected UST locations in 3-to-5-foot spacings for readings that may represent a buried metallic anomaly. Upon detection of a reading, the approximate size and shape of the anomalous area was marked on the surface to be investigated further with GPR.
3. GPR was utilized to further characterize the approximate dimensions, depth, and shape of the anomalies located with the TW-6. The remainder of the areas around the suspected UST location was scanned with GPR in 3-to-5-foot spacing to locate any anomalous features not previously detected such as non-conductive piping and former excavations.
4. All findings were marked on the surface utilizing the American Public Works Association (APWA) recommended color code, seen below:

WHITE	Proposed Excavation
PINK	Temporary Survey Markings (Approximate UST Locations, Soil Boring Locations)
RED	Electric Power Lines, Cables, Conduit and Lighting Cables
YELLOW	Gas, Oil, Steam, Petroleum or Gaseous Materials
ORANGE	Communication, Alarm or Signal Lines, Cables or Conduit
BLUE	Water (Domestic and Fire Lines)
PURPLE	Irrigation (Not commonly used)
GREEN	Sewers and Drain Lines

5.0 SUMMARY OF FINDINGS

Utility Locate

Coastal personnel conducted a utility locate on all accessible areas within the areas of concern. All proposed soil borings were first identified by SESI field personnel during a walkthrough of the locations. A majority of the proposed boring locations were not proximate to utilities and did not have to be field adjusted. All exterior detections were marked with water-based spray paint which allowed for field adjustment if needed. Only storm drains were detected within proximity of the proposed soil boring locations, all other critical infrastructure was determined to be outside of the

areas. The two locations inside were marked with blue painters' tape and adjusted to allow vertical access.

Limitations

The effective depth of GPR penetration was limited to 2.5 feet. The limiting factor was due to soil conductivity attenuating the GPR signal. The GPR and TW-6 is unable to be utilized within close proximity to parked vehicles, metallic fences and exterior walls. Much of this site appeared to contain shallow saturated soil which reduced maximum GPR depth.

Disclaimer

The subsurface investigation was performed by Coastal after considering the limits of the scope of work and the time constraint for the investigation. The investigation that is described in this report was undertaken in accordance with current accepted standards and practices of the geophysical survey industry. The results and interpretations that are presented are based on professional judgment and are as accurate as can reasonably be achieved. However, no geophysical equipment can accurately depict all subsurface features due to the geology and environmental conditions of the subsurface. Any intrusive work in proximity to identified anomalies should be carefully considered and cross-referenced with all available site-specific documentation. Coastal is not liable for the use, interpretation, or application of the data and information in this report.

PHOTOS & GPR SCREENSHOTS



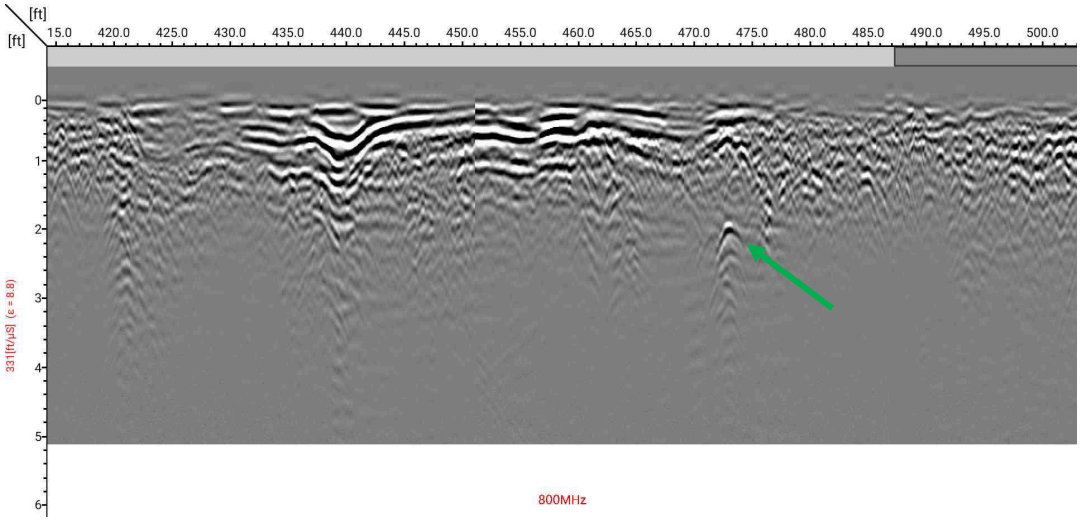


Photo 1 and GPR Screenshot 1 – Photo of one of the proposed soil borings located in the parking lot. The drain line detected within the area was identified in the above photo and GPR screenshot and marked in green in the field. The traceable rodder was utilized within this drainage structure to determine the direction of the pipe since GPR was unable to detect it down-gradient of the grate.



Photo 2 – Additional view of the drainage line within the parking lot (facing the rear of the building). The drainage line was unable to be traced past the point marked behind the silver vehicle as "E.O.S." for End of Scan. No soil borings were within the area of likely trajectory of for the remainder of the drain line.



Photo 3 – View of the boiler room at the rear of the building's basement. Two locations were cleared and marked in this area due to height restrictions.



Photo 4 – View of the additional boring area located at the front of the building's basement. The area was bracketed to allow for multiple attempts within the area if needed. This location was cleared of any utilities as all were located above basement grade.

Appendix B:

Boring Logs

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-1**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	8/6/2022
INSPECTOR:	JN, CC	DATE COMPLETED:	8/6/2022

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			0	0.5		0-0.5 Asphalt	0
			0.5	1			
5							
10							
15							
20							
25							
30							
35							
40							

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

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

Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-2**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY: Coastal	DATE STARTED:	8/6/2022	GROUNDWATER TABLE DEPTH:
INSPECTOR: JN, CC	DATE COMPLETED:	8/6/2022	0 Hr. / 24 Hr. / Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5- 5 Tan MF Silty SAND	0
							0
							0
							0
5	42	1			SB-2 (5.5-6)		0
			5	5.5		5-6.5 Moist Gray/black MF silty SAND	0
			5.5	6			0
			6	6.5		6.5-7.5 Crushed Stone	0
			6.5	7			0
			7	7.5			
			7.5	8		Tan MF silty SAND	0
							0
10	60	2					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.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-3**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	8/6/2022
INSPECTOR:	JN, CC	DATE COMPLETED:	8/6/2022

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			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-1 Crushed Stone	0
						1- 5 Brown CF Silty SAND	0
							0
							0
5	30	1					0
						5- 7 Brown MF SAND trace silt	0
							0
			7	7.5		7-7.5 Crushed Stone	
			7.5	8	SB-3 (7.5-8)	7.5-8 SAA	0
						8-10 SAA wet and silt	0
10	60	2					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.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-4**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	8/6/2022
INSPECTOR:	JN, CC	DATE COMPLETED:	8/6/2022

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			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-5 Brown MF Sandy Silt	0
							0
							0
							0
5	60	1					0
						5-6 SAA	0
					SB-4 (6.5-7)	6-7 Gray clayey SILT trace fine sand	0
						7-10 Brown/black CF SAND trace silt	0
							0
10	55	2					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.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-5**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	8/6/2022
INSPECTOR:	JN, CC	DATE COMPLETED:	8/6/2022

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			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5 -2 Dark Brown MF silty SAND trace gravel	0
							0
						2-4 Brown MF Silty SAND trace gravel	0
							0
5	30	1				4-5 CB Silt trace clay	0
					SB-5 (6.5-7)	5-7 SAA	0
							0
						7-10 Brown CF silty SAND trace	0
							0
10	60	2					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.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-6**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	8/6/2022
INSPECTOR:	JN, CC	DATE COMPLETED:	8/6/2022

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			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-1.5 Brown CM Clayey SAND	0
							0
						1.5-2.5 Dark Brown Silty CLAY	0
							0
5	42	1				2.5-5 Brown MF Sandy Clay trace crushed rock	0
						5-6 Brown/orange MF Silty SAND	0
							0
					SB-6 (8-8.5)	Brown/orange CM Silty SAND	0
							0
10	48	2				Brown CF Silty SAND	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.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-7**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	8/6/2022
INSPECTOR:	JN, CC	DATE COMPLETED:	8/6/2022

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			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-1 Dark brown CF Clayey SAND	0
							0
						1-4 Gray CM SAND trace white stone	0
							0
5	42	1				4-5.5 Dark Brown CLAY trace silt	0
						5.5-7 Tan/gray CLAY	0
					SB-7 (6.5-7)		0
						7-7.5 Brown/orange MF Clayey SAND	0
						7.5-10 brown MF SAND	0
10	60	2					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.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-201**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Coastal	DATE STARTED: 1/28/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: JLL	DATE COMPLETED: 1/28/2023	0 Hr.	24 Hr. / Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-1.5 Crushed Stone	0
						1.5-2 Fill: Brown-black c-f SAND, little Silt, little m-f Gravel	0
						Fill: Brick and concrete, Br Sand	0
							0
							0
5	48	1			SB-201 (4.5-5)	Light brown c-f SAND, little Silt	0
						End of Boring 5' ±	
10							
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-202**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Coastal	DATE STARTED: 1/28/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: JLL	DATE COMPLETED: 1/28/2023	0 Hr.	24 Hr. / Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-1 Crushed Stone	0
					SB-202 (1.5-2)	1.5-2 Fill: Brown-black c-f SAND, little Silt, little m-f Gravel	0
						Fill: Brick and concrete, Br Sand	0
							0
5	48	1				Light brown c-f SAND, little Silt	0
						End of Boring 5' ±	
10							
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

azjKKjDsS46jlULc

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-203**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	1/28/2023
INSPECTOR:	JLL	DATE COMPLETED:	1/28/2023

GROUNDWATER TABLE DEPTH: 0 Hr. | 24 Hr. | Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-4.5 Fill: Black-brown c-f GRAVEL and c-f SAND, trace Silt with concrete and brick (Moist at 3.5')	0
							0
							0
					SB-203 (3.5-4)		0
5	36	1				4.5-10 Brown c-f SAND, little Silt, trace Gravel with rock fragments	0
							0
							0
							0
							0
10	60	2					0
						End of Boring 10' ±	
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-204**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	1/28/2023
INSPECTOR:	JLL	DATE COMPLETED:	1/28/2023

GROUNDWATER TABLE DEPTH: 0 Hr. | 24 Hr. | Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-1.5 Fill: Black-brown c-f SAND, little Silt, trace Gravel with asphalt	0
					SB-204 (1-1.5)		0
						1.5-4 Brown c-f SAND, some Silt, trace Gravel with rock fragments	0
							0
5	36	1				Brown c-f SAND, little Silt, trace Gravel with rock fragments	0
							0
							0
							0
							0
10	36	2					0
						End of Boring 10' ±	
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-205**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Coastal	DATE STARTED: 1/28/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: JLL	DATE COMPLETED: 1/28/2023	0 Hr.	24 Hr. / Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		Fill: Dark gray c-f GRAVEL, little c-f Sand, trace Silt with concrete and asphalt	0
							0
					SB-205 (2.5-3)		0
						Brown c-f SAND, little Silt, trace Gravel	0
5	36	1					0
							0
							0
						Red-brown c-f SAND, little Silt, trace Gravel	0
							0
10	50	2				Brown c-f SAND, some Silt (Moist at 9.5')	0
						End of Boring 10' ±	
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-206**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Coastal	DATE STARTED: 1/28/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: JLL	DATE COMPLETED: 1/28/2023	0 Hr.	24 Hr. / Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		Fill: Black-brown c-f SAND, little Silt, trace Gravel	0
							0
							0
					SB-206 (3.5-4)		0
5	32	1				Brown c-f SAND, little Silt, trace Gravel (Moist at 4')	0
						End of Boring 5' ±	0
							0
							0
							0
10							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.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-207**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Coastal	DATE STARTED: 1/28/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: JLL	DATE COMPLETED: 1/28/2023	0 Hr.	24 Hr. / Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		Fill: Brown c-f SAND, little Silt, little m-f Gravel	0
							0
							0
					SB-207 (3-3.5)	3-5.5 Fill: Black-brown c-f SAND, some c-f Gravel, trace Silt with brick and concrete	0
5	36	1					0
						5.5-10 Brown c-f SAND, trace Silt, trace Gravel with rock fragments (Wet at 9')	0
							0
							0
							0
10	52	2					0
						End of Boring 10' ±	
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-208**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	1/28/2023
INSPECTOR:	JLL	DATE COMPLETED:	1/28/2023

GROUNDWATER TABLE DEPTH: 0 Hr. | 24 Hr. | Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-2 Fill: Brown c-f SAND, little Silt, trace Gravel	0
							0
						Fill: Concrete	0
							0
5	24	1			SB-208 (4-4.5)	4-5.5 Fill: Brown-gray c-f GRAVEL, little c-f Sand, trace Silt	0
						5.5-8 Gray-brown Silty CLAY, little m-f SAND, with organics (Saturated)	0
							0
							0
						Gray-brown m-f SAND, some Silt (Moist)	0
10	42	2					0
						End of Boring 10' ±	
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-209**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY:	Coastal	DATE STARTED:	1/28/2023
INSPECTOR:	JLL	DATE COMPLETED:	1/28/2023

GROUNDWATER TABLE DEPTH: 0 Hr. | 24 Hr. | Date

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			0	0.5		0-0.5 Asphalt	0
			0.5	1		0.5-3 Fill: Brick, asphalt, concrete and some c-f SAND	0
							0
					SB-209 (2.5-3)		0
						Brown c-f SAND, some Silt, trace Gravel with rock fragments	0
5	45	1					0
							0
							0
							0
						...Same as above, with mottling observed (Moist)	0
10	60	2					0
						End of Boring 10' ±	
15							
20							
25							
30							
35							
40							

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

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

Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

4g9fT8feRLhUQUE4

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-306**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Diamond drilling	DATE STARTED: 10/16/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: RR	DATE COMPLETED: 10/16/2023	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							
	15	1	0			(0-2) Fill: Brown Fine SAND, some M-F gravel and brick, trace silt. NO,NS,MOIST	0
						(2-4) Fill: Brown Fine SAND, little F gravel, Trace Silt, trace clay. NO, NS,moist.	0
				2	SB-306 (6-6.5)		0
	4	2	2			(4-6) Brown Fine SAND, little F gravel, little silt, trace clay. Clay properties/ Plasticity observed. NO, NS, moist.	0
				4			0
4	7	3	4				0
				6		(6-8) Brown M-Fine SAND, little F gravel	0
	22	4	6				0
				8			0
	19	5	8				0
10				10		(8-10) Brown M-Fine SAND, little F gravel, trace silt	
15						End of boring 10' refusal not reached	
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-307**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Diamond drilling	DATE STARTED: 10/18/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: RR	DATE COMPLETED: 10/18/2023	0 Hr.	24 Hr. Date 10/18/23

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
	10	1				(0-1.5) M-F gravel,brick and asphalt.	0
			1			(1.5-3) Fill: Brown Fine SAND, little F gravel, Little Silt, trace clay. NO, NS,moist.	0
				3	SB-307 (9.5-10)		0
	3	2	3			(3-5) Brown Fine SAND, some coarse brick,little M-F gravel, little silt, trace clay. NO,NS, wet/moist.	0
				5			0
4	15	3	5				0
				7			0
	20	4	7			(5-7) Light Brown - Reddish Brown M-Fine SAND, little F gravel, Trace silt, trace clay.	0
				9			0
	24	5	9				0
10				10			0
						(7-7.5) Coarse-Fine red brick, M-F gravel	0
							0
							0
						(7.5-9) Brown M-F SAND, Some M-F Gravel, Trace silt. NS,NO,MOIST	0
15							0
							0
						(9-10) Light brown - Brown fine silty SAND, little M-F gravel (discolored), little silt, trace clay. NO, moist, some staining on gravel.	0
							0
							0
20						End of boring 10' refusal not reached, geotech boring continued	
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	466 Main St.	GEOPROBE NO.	**SB-308**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Diamond drilling	DATE STARTED: 10/18/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: RR	DATE COMPLETED: 10/18/2023	0 Hr.	24 Hr. Date 10/18/23

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
	17	1				(1-1.5) fill:Light brown-tan Fine sand, trace F gravel, some silt,trace clay. NO,NS, dry.	0
			1			(1.5-3) Fill: Brown - Light brown Fine SAND, little C- F brick,trace clay. NO, NS, dry.	0
				3	SB-308 (3.5-4)		0(3')
	20	2	3			(3-3.5) fill: Gray F sand, trace F gravel, some silt. NO,NS,dry.	4 (3.5')
				5			0
4	19	3	5			(3.5-5) fill: Brown M-F SAND, little F gravel, trace silt. NO,NS, Dry.	0
				7		(5-5.5) fill: Gray fine SAND, trace F gravel, some silt. NO,NS,Dry.	3 (5.5')
	24	4	7				3.1 (6')
				9		(5.5 -7) fill :Light brown- brown M-F SAND, Little F gravel, Trace silt. NO,NS,Dry.	2 (6.5')
	17	5	9				0
10				10			0
						(7-9) Fill: Reddish-Brown F SAND, Little M-F Gravel, Little Silt, Trace Clay. Some discoloration, NO, dry.	0
							0
							0
						(9-10) Fill: Brown fine SAND, Little M-F Gravel, Trace silt. NO, NS, Moist.	0
15							0
							0
						End of boring 10' refusal not reached, geotech boring continued	0
							0
							0
20							0
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

Appendix C:

Laboratory Reports

ANALYTICAL REPORT

Lab Number:	L2242456
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Katherine Eldridge
Phone:	(973) 808-9050
Project Name:	466 MAIN ST
Project Number:	12587
Report Date:	08/28/22

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

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

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

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2242456-01	SB-1 (7.5-8.0)	SOIL	NEW ROCHELLE	08/06/22 10:45	08/07/22
L2242456-02	SB-2 (5.5-6)	SOIL	NEW ROCHELLE	08/06/22 10:50	08/07/22
L2242456-03	SB-3 (7.5-8)	SOIL	NEW ROCHELLE	08/06/22 11:00	08/07/22
L2242456-04	SB-4 (6.5-7)	SOIL	NEW ROCHELLE	08/06/22 11:10	08/07/22
L2242456-05	SB-5 (6.5-7)	SOIL	NEW ROCHELLE	08/06/22 12:30	08/07/22
L2242456-06	SB-6 (8.0-8.5)	SOIL	NEW ROCHELLE	08/06/22 13:05	08/07/22
L2242456-07	SB-7 (6.5-7)	SOIL	NEW ROCHELLE	08/06/22 13:30	08/07/22
L2242456-08	SB-9 (8-8.5)	SOIL	NEW ROCHELLE	08/06/22 13:40	08/07/22
L2242456-09	SB-10 (4-4.5)	SOIL	NEW ROCHELLE	08/06/22 14:00	08/07/22
L2242456-10	SB-11 (7-7.5)	SOIL	NEW ROCHELLE	08/06/22 14:25	08/07/22
L2242456-11	SB-12 (0.5-1.0)	SOIL	NEW ROCHELLE	08/06/22 14:40	08/07/22
L2242456-12	SB-13 (1-1.5)	SOIL	NEW ROCHELLE	08/06/22 14:55	08/07/22

Project Name:	466 MAIN ST	**Lab Number:**	L2242456
Project Number:	12587	**Report Date:**	08/28/22

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:	466 MAIN ST	**Lab Number:**	L2242456
Project Number:	12587	**Report Date:**	08/28/22

Case Narrative (continued)

Report Submission

August 28, 2022: This final report includes the results of all requested analyses.

August 22, 2022: 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.

Sample Receipt

L2242456-10: The Encore Samplers were received empty. At the client's request, aliquots were taken from an unpreserved container and preserved appropriately.

Volatile Organics

L2242456-10: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Semivolatile Organics

L2242456-12: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (5%) and 2,4,6-tribromophenol (2%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

The WG1672267-2/-3 LCS/LCSD recoveries, associated with L2242456-01 through -10 and -12, 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.

The WG1678210-2/-3 LCS/LCSD recoveries, associated with L2242456-12RE, 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.

Project Name:	466 MAIN ST	**Lab Number:**	L2242456
Project Number:	12587	**Report Date:**	08/28/22

Case Narrative (continued)

Perfluorinated Alkyl Acids by Isotope Dilution

L2242456-01 and -10: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

L2242456-01, WG1674153-1, and WG1674153-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Total Metals

L2242456-01 through -10 and -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1673065-3 MS recoveries for aluminum (0%), iron (0%) and manganese (0%), performed on L2242456-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1673065-3 MS recoveries, performed on L2242456-01, are outside the acceptance criteria for antimony (34%), chromium (64%), magnesium (66%) and potassium (54%). A post digestion spike was performed and was within acceptance criteria.

The WG1673065-3 MS recovery, performed on L2242456-01, is outside the acceptance criteria for calcium (68%). A post digestion spike was performed and yielded an unacceptable recovery for calcium (65%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1673065-3 MS recoveries, performed on L2242456-01, are outside the acceptance criteria for thallium (72%) and zinc (73%). A post digestion spike was performed and yielded unacceptable recoveries for thallium (73%) and zinc (70%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1673065-4 Laboratory Duplicate RPDs for calcium (30%), chromium (23%), cobalt (25%) and potassium (22%), performed on L2242456-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

The WG1673065-6 serial dilution analysis, associated with L2242456-01, had a %D above the acceptance

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Case Narrative (continued)

criteria for iron (21%).

Cyanide, Total

The WG1674336-2/-3 LCS/LCSD recoveries for cyanide, total (63%/74%), associated with L2242456-07 through -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1674337-2/-3 LCS/LCSD recoveries for cyanide, total (63%/74%), associated with L2242456-12, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/28/22

ORGANICS

VOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 10:45
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 15:40
Analyst: MKS
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01 Date Collected: 08/06/22 10:45

Client ID: SB-1 (7.5-8.0) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	0.64	J	ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	10		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 10:45
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	9.51	J	ug/kg			1
Unknown	3.05	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	6.46	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02
Client ID: SB-2 (5.5-6)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 10:50
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 16:19
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02 Date Collected: 08/06/22 10:50

Client ID: SB-2 (5.5-6) Date Received: 08/07/22

Sample Location: NEW ROCHELLE 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	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	0.69	J	ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	6.9	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02
Client ID: SB-2 (5.5-6)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 10:50
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Tentatively Identified Compounds						
Total TIC Compounds	9.08	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	6.27	NJ	ug/kg			1
Unknown	2.81	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03
Client ID: SB-3 (7.5-8)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 16:57
Analyst: MKS
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.24	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	ND		ug/kg	0.44	0.15	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03 Date Collected: 08/06/22 11:00

Client ID: SB-3 (7.5-8) Date Received: 08/07/22

Sample Location: NEW ROCHELLE 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	0.44	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	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.26	1
Xylenes, Total	ND		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.88	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	0.54	J	ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.81	1
Acetone	9.4		ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	2.0	1
Vinyl acetate	ND		ug/kg	8.8	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.8	1.0	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	0.88	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.88	0.15	1
sec-Butylbenzene	ND		ug/kg	0.88	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	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	2.6	0.88	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.88	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03
Client ID: SB-3 (7.5-8)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:00
Date Received: 08/07/22
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	0.88	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	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	0.29	1
1,4-Dioxane	ND		ug/kg	70	31.	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	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	7.56	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.33	NJ	ug/kg			1
Unknown	2.23	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04
Client ID: SB-4 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:10
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 17:35
Analyst: MKS
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04 Date Collected: 08/06/22 11:10

Client ID: SB-4 (6.5-7) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	0.69	J	ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	7.0	J	ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.72	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04
Client ID: SB-4 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:10
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds				
Total TIC Compounds	8.02	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	5.52	NJ	ug/kg	1
Unknown	2.50	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05
Client ID: SB-5 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 12:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 18:13
Analyst: MKS
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05 Date Collected: 08/06/22 12:30

Client ID: SB-5 (6.5-7) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	0.60	J	ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	6.5	J	ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05
Client ID: SB-5 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 12:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	7.48	J	ug/kg			1
Unknown	2.24	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.24	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06
Client ID: SB-6 (8.0-8.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:05
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 18:52
Analyst: MKS
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06 Date Collected: 08/06/22 13:05

Client ID: SB-6 (8.0-8.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE 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	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	0.56	J	ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	9.4		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.0	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06
Client ID: SB-6 (8.0-8.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:05
Date Received: 08/07/22
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	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Tentatively Identified Compounds						
Total TIC Compounds	7.76	J	ug/kg			1
Unknown	2.38	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.38	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07
Client ID: SB-7 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 19:30
Analyst: MKS
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07 Date Collected: 08/06/22 13:30

Client ID: SB-7 (6.5-7) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07 Date Collected: 08/06/22 13:30

Client ID: SB-7 (6.5-7) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Tentatively Identified Compounds

Total TIC Compounds	9.36	J	ug/kg			1
Unknown	2.94	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	6.42	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08
Client ID: SB-9 (8-8.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:40
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 20:09
Analyst: MKS
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08 Date Collected: 08/06/22 13:40

Client ID: SB-9 (8-8.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE 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	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	0.58	J	ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	4.9	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08
Client ID: SB-9 (8-8.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:40
Date Received: 08/07/22
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	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds				
Total TIC Compounds	8.10	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	5.38	NJ	ug/kg	1
Unknown	2.72	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 20:47
Analyst: MKS
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	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	0.60	J	ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	5.8	J	ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	8.03	J	ug/kg			1
Unknown	2.51	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.52	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 21:26
Analyst: MKS
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10 Date Collected: 08/06/22 14:25

Client ID: SB-11 (7-7.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	11.8	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.64	NJ	ug/kg			1
Unknown	2.70	J	ug/kg			1
Unknown	3.42	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-11
Client ID: SB-12 (0.5-1.0)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:40
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 22:05
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	0.74		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-11 Date Collected: 08/06/22 14:40

Client ID: SB-12 (0.5-1.0) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.47	J	ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	9.6	J	ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-11
Client ID: SB-12 (0.5-1.0)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:40
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	8.38	J	ug/kg			1
Unknown	2.61	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.77	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:55
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/16/22 22:43
Analyst: MKS
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12 Date Collected: 08/06/22 14:55

Client ID: SB-13 (1-1.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE 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	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:55
Date Received: 08/07/22
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	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds				
Total TIC Compounds	6.98	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	4.83	NJ	ug/kg	1
Unknown	2.15	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/16/22 15:02
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-12 Batch: WG1676327-5					
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	0.88	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/16/22 15:02
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-12 Batch: WG1676327-5					
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	0.71	J	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	2.3	J	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/16/22 15:02
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-12 Batch: WG1676327-5					
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	10.7	J	ug/kg
Unknown	3.15	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	7.51	NJ	ug/kg

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/16/22 15:02
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-12 Batch: WG1676327-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-12 Batch: WG1676327-3 WG1676327-4								
Methylene chloride	97		98		70-130	1		30
1,1-Dichloroethane	106		108		70-130	2		30
Chloroform	102		104		70-130	2		30
Carbon tetrachloride	105		106		70-130	1		30
1,2-Dichloropropane	108		109		70-130	1		30
Dibromochloromethane	93		92		70-130	1		30
1,1,2-Trichloroethane	90		89		70-130	1		30
Tetrachloroethene	96		96		70-130	0		30
Chlorobenzene	90		90		70-130	0		30
Trichlorofluoromethane	106		107		70-139	1		30
1,2-Dichloroethane	99		99		70-130	0		30
1,1,1-Trichloroethane	103		105		70-130	2		30
Bromodichloromethane	105		106		70-130	1		30
trans-1,3-Dichloropropene	92		91		70-130	1		30
cis-1,3-Dichloropropene	107		107		70-130	0		30
1,1-Dichloropropene	107		108		70-130	1		30
Bromoform	75		77		70-130	3		30
1,1,2,2-Tetrachloroethane	84		86		70-130	2		30
Benzene	103		105		70-130	2		30
Toluene	90		92		70-130	2		30
Ethylbenzene	91		92		70-130	1		30
Chloromethane	100		101		52-130	1		30
Bromomethane	98		100		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-12 Batch: WG1676327-3 WG1676327-4								
Vinyl chloride	86		87		67-130	1		30
Chloroethane	110		111		50-151	1		30
1,1-Dichloroethene	107		109		65-135	2		30
trans-1,2-Dichloroethene	105		107		70-130	2		30
Trichloroethene	106		107		70-130	1		30
1,2-Dichlorobenzene	86		86		70-130	0		30
1,3-Dichlorobenzene	86		87		70-130	1		30
1,4-Dichlorobenzene	87		87		70-130	0		30
Methyl tert butyl ether	99		98		66-130	1		30
p/m-Xylene	90		90		70-130	0		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	101		104		70-130	3		30
Dibromomethane	98		99		70-130	1		30
Styrene	80		80		70-130	0		30
Dichlorodifluoromethane	81		81		30-146	0		30
Acetone	112		108		54-140	4		30
Carbon disulfide	99		100		59-130	1		30
2-Butanone	104		100		70-130	4		30
Vinyl acetate	103		104		70-130	1		30
4-Methyl-2-pentanone	97		95		70-130	2		30
1,2,3-Trichloropropane	84		86		68-130	2		30
2-Hexanone	94		91		70-130	3		30
Bromochloromethane	103		104		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-12 Batch: WG1676327-3 WG1676327-4								
2,2-Dichloropropane	108		110		70-130	2		30
1,2-Dibromoethane	91		90		70-130	1		30
1,3-Dichloropropane	90		89		69-130	1		30
1,1,1,2-Tetrachloroethane	91		91		70-130	0		30
Bromobenzene	85		88		70-130	3		30
n-Butylbenzene	86		85		70-130	1		30
sec-Butylbenzene	88		90		70-130	2		30
tert-Butylbenzene	87		90		70-130	3		30
o-Chlorotoluene	84		86		70-130	2		30
p-Chlorotoluene	86		89		70-130	3		30
1,2-Dibromo-3-chloropropane	85		84		68-130	1		30
Hexachlorobutadiene	100		98		67-130	2		30
Isopropylbenzene	86		90		70-130	5		30
p-Isopropyltoluene	88		88		70-130	0		30
Naphthalene	88		86		70-130	2		30
Acrylonitrile	105		101		70-130	4		30
n-Propylbenzene	87		91		70-130	4		30
1,2,3-Trichlorobenzene	95		93		70-130	2		30
1,2,4-Trichlorobenzene	94		92		70-130	2		30
1,3,5-Trimethylbenzene	86		88		70-130	2		30
1,2,4-Trimethylbenzene	87		89		70-130	2		30
1,4-Dioxane	119		115		65-136	3		30
p-Diethylbenzene	88		88		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-12 Batch: WG1676327-3 WG1676327-4								
p-Ethyltoluene	88		90		70-130	2		30
1,2,4,5-Tetramethylbenzene	90		89		70-130	1		30
Ethyl ether	103		103		67-130	0		30
trans-1,4-Dichloro-2-butene	85		87		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	99		102		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:45
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/19/22 18:17
Analyst: EK
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01 Date Collected: 08/06/22 10:45

Client ID: SB-1 (7.5-8.0) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01 Date Collected: 08/06/22 10:45

Client ID: SB-1 (7.5-8.0) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	66		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:45
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/15/22 21:39
Analyst: SG
Percent Solids: 94%

Extraction Method: ALPHA 23528
Extraction Date: 08/11/22 10:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.507	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.507	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.253	0.040	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.507	0.053	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.253	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.253	0.061	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.253	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.507	0.182	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.507	0.138	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.253	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.253	0.132	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.253	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.507	0.291	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.507	0.204	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.507	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.507	0.155	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.507	0.086	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.507	0.071	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.507	0.207	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.507	0.055	1
PFOA/PFOS, Total	ND		ng/g	0.253	0.043	1

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 10:45
Date Received: 08/07/22
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)	101		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	111		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	104		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	111		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	119		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	110		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	102		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**12**	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**16**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		24-159

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:45
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/17/22 11:56
Analyst: RS
Percent Solids: 94%

Extraction Method: ALPHA 23528
Extraction Date: 08/11/22 10:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.507	0.099	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**133**	Q	10-117

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02
Client ID: SB-2 (5.5-6)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:50
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/19/22 18:41
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02 Date Collected: 08/06/22 10:50

Client ID: SB-2 (5.5-6) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02 Date Collected: 08/06/22 10:50

Client ID: SB-2 (5.5-6) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	71		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03
Client ID: SB-3 (7.5-8)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 11:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/19/22 19:05
Analyst: EK
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03 Date Collected: 08/06/22 11:00

Client ID: SB-3 (7.5-8) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03
Client ID: SB-3 (7.5-8)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	54		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04
Client ID: SB-4 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 11:10
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/22 15:44
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

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	25.	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: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04 Date Collected: 08/06/22 11:10

Client ID: SB-4 (6.5-7) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	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	24.	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04
Client ID: SB-4 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:10
Date Received: 08/07/22
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	59		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	66		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05
Client ID: SB-5 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/22 16:08
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		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	26.	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: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05 Date Collected: 08/06/22 12:30

Client ID: SB-5 (6.5-7) Date Received: 08/07/22

Sample Location: NEW ROCHELLE 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05
Client ID: SB-5 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 12:30
Date Received: 08/07/22
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	ND		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	64		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	67		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06
Client ID: SB-6 (8.0-8.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:05
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/22 16:32
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	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	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06 Date Collected: 08/06/22 13:05

Client ID: SB-6 (8.0-8.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	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	74.	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	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	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: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06 Date Collected: 08/06/22 13:05

Client ID: SB-6 (8.0-8.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	57		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07
Client ID: SB-7 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/22 16:56
Analyst: EK
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

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

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07 Date Collected: 08/06/22 13:30

Client ID: SB-7 (6.5-7) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	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	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07 Date Collected: 08/06/22 13:30

Client ID: SB-7 (6.5-7) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	75		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08
Client ID: SB-9 (8-8.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:40
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/22 17:20
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	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	ND		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	26.	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: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08 Date Collected: 08/06/22 13:40

Client ID: SB-9 (8-8.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	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	84.	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08
Client ID: SB-9 (8-8.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:40
Date Received: 08/07/22
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	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	59		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/22 17:44
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

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	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	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	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09 Date Collected: 08/06/22 14:00

Client ID: SB-10 (4-4.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	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	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:00
Date Received: 08/07/22
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	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	75		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/22 18:08
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10 Date Collected: 08/06/22 14:25

Client ID: SB-11 (7-7.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	87		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/15/22 23:18
Analyst: SG
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 08/11/22 10:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.527	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.527	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.263	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.527	0.055	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.263	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.263	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.263	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.527	0.189	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.527	0.144	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.263	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.263	0.137	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.263	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.527	0.302	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.527	0.212	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.527	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.527	0.161	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.527	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.527	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.527	0.215	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.527	0.057	1
PFOA/PFOS, Total	ND		ng/g	0.263	0.044	1

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:25
Date Received: 08/07/22
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)	104		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	111		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	108		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	117		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	112		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	34		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	112		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	39		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	95		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		24-159

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/17/22 12:03
Analyst: RS
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 08/11/22 10:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.527	0.103	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	114		10-117

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:55
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/20/22 18:33
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 20:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		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	56	J	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: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12 Date Collected: 08/06/22 14:55

Client ID: SB-13 (1-1.5) Date Received: 08/07/22

Sample Location: NEW ROCHELLE 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	22	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	20	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	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	42	J	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:55
Date Received: 08/07/22
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	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	338	J	ug/kg			1
Unknown	338	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**5**	Q	25-120
Phenol-d6	36		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	**2**	Q	10-136
4-Terphenyl-d14	75		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12 RE
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:55
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/23/22 13:11
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 08/22/22 21:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	32	J	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	63	J	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: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12 RE Date Collected: 08/06/22 14:55
Client ID: SB-13 (1-1.5) Date Received: 08/07/22
Sample Location: NEW ROCHELLE 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	28	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	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	33	J	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: 466 MAIN ST **Lab Number:** L2242456

Project Number: 12587 **Report Date:** 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12 RE Date Collected: 08/06/22 14:55
Client ID: SB-13 (1-1.5) Date Received: 08/07/22
Sample Location: NEW ROCHELLE 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	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	174	J	ug/kg			1
Unknown	174	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**15**	Q	25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	13		10-136
4-Terphenyl-d14	76		18-120

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/10/22 23:46
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/07/22 16:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,12 Batch: WG1672267-1					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/10/22 23:46
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/07/22 16:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,12 Batch: WG1672267-1					
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	21.
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: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/10/22 23:46
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/07/22 16:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,12 Batch: WG1672267-1					
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	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	69		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/15/22 18:53
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 08/11/22 10:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,10 Batch: WG1674153-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/15/22 18:53
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 08/11/22 10:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,10 Batch: WG1674153-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	**41**	Q	61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**41**	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**54**	Q	74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**44**	Q	66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**44**	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**53**	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**49**	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	57		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**52**	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**63**	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**49**	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	58		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**26**	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**42**	Q	61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	39		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**29**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**34**	Q	54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**18**	Q	24-159

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/16/22 10:24
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 08/11/22 10:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,10 Batch: WG1674153-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	109		10-117

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/22 09:37
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 08/22/22 13:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1678210-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	68	J	ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/22 09:37
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 08/22/22 13:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1678210-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 466 MAIN ST
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/23/22 09:37
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 08/22/22 13:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1678210-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	76		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
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Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1672267-2 WG1672267-3								
Acenaphthene	50		62		31-137	21		50
1,2,4-Trichlorobenzene	56		69		38-107	21		50
Hexachlorobenzene	55		66		40-140	18		50
Bis(2-chloroethyl)ether	52		60		40-140	14		50
2-Chloronaphthalene	50		60		40-140	18		50
1,2-Dichlorobenzene	52		64		40-140	21		50
1,3-Dichlorobenzene	51		62		40-140	19		50
1,4-Dichlorobenzene	52		64		28-104	21		50
3,3'-Dichlorobenzidine	45		52		40-140	14		50
2,4-Dinitrotoluene	62		75		40-132	19		50
2,6-Dinitrotoluene	59		73		40-140	21		50
Fluoranthene	57		70		40-140	20		50
4-Chlorophenyl phenyl ether	53		64		40-140	19		50
4-Bromophenyl phenyl ether	54		66		40-140	20		50
Bis(2-chloroisopropyl)ether	40		48		40-140	18		50
Bis(2-chloroethoxy)methane	60		74		40-117	21		50
Hexachlorobutadiene	50		62		40-140	21		50
Hexachlorocyclopentadiene	54		69		40-140	24		50
Hexachloroethane	56		68		40-140	19		50
Isophorone	49		60		40-140	20		50
Naphthalene	53		65		40-140	20		50
Nitrobenzene	60		73		40-140	20		50
NDPA/DPA	51		62		36-157	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1672267-2 WG1672267-3								
n-Nitrosodi-n-propylamine	49		60		32-121	20		50
Bis(2-ethylhexyl)phthalate	52		66		40-140	24		50
Butyl benzyl phthalate	60		74		40-140	21		50
Di-n-butylphthalate	56		69		40-140	21		50
Di-n-octylphthalate	52		64		40-140	21		50
Diethyl phthalate	51		62		40-140	19		50
Dimethyl phthalate	50		61		40-140	20		50
Benzo(a)anthracene	49		60		40-140	20		50
Benzo(a)pyrene	54		65		40-140	18		50
Benzo(b)fluoranthene	53		63		40-140	17		50
Benzo(k)fluoranthene	53		63		40-140	17		50
Chrysene	50		61		40-140	20		50
Acenaphthylene	51		63		40-140	21		50
Anthracene	55		66		40-140	18		50
Benzo(ghi)perylene	55		68		40-140	21		50
Fluorene	52		62		40-140	18		50
Phenanthrene	54		64		40-140	17		50
Dibenzo(a,h)anthracene	54		65		40-140	18		50
Indeno(1,2,3-cd)pyrene	62		74		40-140	18		50
Pyrene	57		68		35-142	18		50
Biphenyl	50		61		37-127	20		50
4-Chloroaniline	57		68		40-140	18		50
2-Nitroaniline	74		93		47-134	23		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1672267-2 WG1672267-3								
3-Nitroaniline	62		72		26-129	15		50
4-Nitroaniline	64		78		41-125	20		50
Dibenzofuran	50		60		40-140	18		50
2-Methylnaphthalene	52		63		40-140	19		50
1,2,4,5-Tetrachlorobenzene	51		65		40-117	24		50
Acetophenone	52		63		14-144	19		50
2,4,6-Trichlorophenol	55		69		30-130	23		50
p-Chloro-m-cresol	59		73		26-103	21		50
2-Chlorophenol	57		69		25-102	19		50
2,4-Dichlorophenol	61		74		30-130	19		50
2,4-Dimethylphenol	64		76		30-130	17		50
2-Nitrophenol	93		110		30-130	17		50
4-Nitrophenol	57		71		11-114	22		50
2,4-Dinitrophenol	35		40		4-130	13		50
4,6-Dinitro-o-cresol	79		97		10-130	20		50
Pentachlorophenol	52		63		17-109	19		50
Phenol	50		59		26-90	17		50
2-Methylphenol	55		66		30-130.	18		50
3-Methylphenol/4-Methylphenol	56		67		30-130	18		50
2,4,5-Trichlorophenol	56		70		30-130	22		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	53		64		40-140	19		50
Carbazole	55		67		54-128	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1672267-2 WG1672267-3								
1,4-Dioxane	46		52		40-140	12		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		72		25-120
Phenol-d6	59		70		10-120
Nitrobenzene-d5	66		81		23-120
2-Fluorobiphenyl	52		62		30-120
2,4,6-Tribromophenol	71		87		10-136
4-Terphenyl-d14	62		76		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

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Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,10 Batch: WG1674153-2								
Perfluorobutanoic Acid (PFBA)	95		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	97		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	98		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	98		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	92		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	89		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	93		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	93		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	111		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	120		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	76		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	102		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	105		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	108		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	122		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	94		-		69-133	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
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Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,10 Batch: WG1674153-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	**42**	Q			61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**42**	Q			58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**60**	Q			74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**46**	Q			66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**47**	Q			71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**56**	Q			78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**52**	Q			75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	66				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**56**	Q			72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**68**	Q			79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**53**	Q			75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	60				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**29**	Q			31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**48**	Q			61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**26**	Q			34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**40**	Q			54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**20**	Q			24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01,10		Batch: WG1674153-2					
Perfluorooctanesulfonamide (FOSA)	101		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	110				10-117

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1678210-2 WG1678210-3								
Acenaphthene	84		80		31-137	5		50
1,2,4-Trichlorobenzene	81		79		38-107	3		50
Hexachlorobenzene	90		90		40-140	0		50
Bis(2-chloroethyl)ether	85		83		40-140	2		50
2-Chloronaphthalene	84		80		40-140	5		50
1,2-Dichlorobenzene	84		81		40-140	4		50
1,3-Dichlorobenzene	82		78		40-140	5		50
1,4-Dichlorobenzene	82		79		28-104	4		50
3,3'-Dichlorobenzidine	74		64		40-140	14		50
2,4-Dinitrotoluene	105		108		40-132	3		50
2,6-Dinitrotoluene	94		94		40-140	0		50
Fluoranthene	88		91		40-140	3		50
4-Chlorophenyl phenyl ether	85		84		40-140	1		50
4-Bromophenyl phenyl ether	88		88		40-140	0		50
Bis(2-chloroisopropyl)ether	89		86		40-140	3		50
Bis(2-chloroethoxy)methane	85		83		40-117	2		50
Hexachlorobutadiene	79		74		40-140	7		50
Hexachlorocyclopentadiene	91		87		40-140	4		50
Hexachloroethane	85		82		40-140	4		50
Isophorone	82		78		40-140	5		50
Naphthalene	87		83		40-140	5		50
Nitrobenzene	95		92		40-140	3		50
NDPA/DPA	88		88		36-157	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1678210-2 WG1678210-3								
n-Nitrosodi-n-propylamine	85		82		32-121	4		50
Bis(2-ethylhexyl)phthalate	100		103		40-140	3		50
Butyl benzyl phthalate	99		103		40-140	4		50
Di-n-butylphthalate	94		97		40-140	3		50
Di-n-octylphthalate	98		103		40-140	5		50
Diethyl phthalate	86		88		40-140	2		50
Dimethyl phthalate	81		83		40-140	2		50
Benzo(a)anthracene	86		87		40-140	1		50
Benzo(a)pyrene	89		90		40-140	1		50
Benzo(b)fluoranthene	89		91		40-140	2		50
Benzo(k)fluoranthene	90		93		40-140	3		50
Chrysene	85		86		40-140	1		50
Acenaphthylene	87		84		40-140	4		50
Anthracene	91		90		40-140	1		50
Benzo(ghi)perylene	88		84		40-140	5		50
Fluorene	87		86		40-140	1		50
Phenanthrene	88		88		40-140	0		50
Dibenzo(a,h)anthracene	88		89		40-140	1		50
Indeno(1,2,3-cd)pyrene	96		96		40-140	0		50
Pyrene	89		91		35-142	2		50
Biphenyl	83		79		37-127	5		50
4-Chloroaniline	76		66		40-140	14		50
2-Nitroaniline	106		108		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1678210-2 WG1678210-3								
3-Nitroaniline	100		95		26-129	5		50
4-Nitroaniline	102		104		41-125	2		50
Dibenzofuran	85		82		40-140	4		50
2-Methylnaphthalene	90		85		40-140	6		50
1,2,4,5-Tetrachlorobenzene	82		77		40-117	6		50
Acetophenone	81		80		14-144	1		50
2,4,6-Trichlorophenol	86		83		30-130	4		50
p-Chloro-m-cresol	95		92		26-103	3		50
2-Chlorophenol	94		91		25-102	3		50
2,4-Dichlorophenol	88		86		30-130	2		50
2,4-Dimethylphenol	89		83		30-130	7		50
2-Nitrophenol	116		111		30-130	4		50
4-Nitrophenol	101		110		11-114	9		50
2,4-Dinitrophenol	116		110		4-130	5		50
4,6-Dinitro-o-cresol	**140**	Q	**146**	Q	10-130	4		50
Pentachlorophenol	81		84		17-109	4		50
Phenol	90		85		26-90	6		50
2-Methylphenol	90		86		30-130.	5		50
3-Methylphenol/4-Methylphenol	90		84		30-130	7		50
2,4,5-Trichlorophenol	90		91		30-130	1		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	89		87		40-140	2		50
Carbazole	90		92		54-128	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1678210-2 WG1678210-3								
1,4-Dioxane	68		64		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	99		95		25-120
Phenol-d6	97		94		10-120
Nitrobenzene-d5	103		101		23-120
2-Fluorobiphenyl	85		81		30-120
2,4,6-Tribromophenol	107		109		10-136
4-Terphenyl-d14	95		99		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,10 QC Batch ID: WG1674153-3 WG1674153-4 QC Sample: L2242036-02 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	ND	5.24	5.02	96		5.14	97		71-135	2		30
Perfluoropentanoic Acid (PFPeA)	ND	5.24	4.99	95		5.12	97		69-132	3		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.65	4.86	104		4.80	102		72-128	1		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	4.91	5.01	102		5.08	102		62-145	1		30
Perfluorohexanoic Acid (PFHxA)	ND	5.24	5.09	97		5.28	100		70-132	4		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	4.93	5.21	106		5.32	107		73-123	2		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.24	5.24	100		5.38	102		71-131	3		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.79	5.52	115		5.66	117		67-130	3		30
Perfluorooctanoic Acid (PFOA)	ND	5.24	5.09	97		5.02	95		69-133	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	4.99	5.33	107		5.54	110		64-140	4		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5	4.45	89		4.53	90		70-132	2		30
Perfluorononanoic Acid (PFNA)	ND	5.24	4.56	87		4.53	86		72-129	1		30
Perfluorooctanesulfonic Acid (PFOS)	ND	4.86	4.40	91		4.81	98		68-136	9		30
Perfluorodecanoic Acid (PFDA)	ND	5.24	5.09	97		5.26	99		69-133	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.03	6.60F	131		5.74F	113		65-137	14		30
Perfluorononanesulfonic Acid (PFNS)	ND	5.04	4.07	81		4.21	83		69-125	3		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.24	5.87	112		6.33F	120		63-144	8		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.24	5.93	113		5.79	109		64-136	2		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.06	4.08	81		4.15	81		59-134	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.24	4.90	94		5.51	104		61-139	12		30
Perfluorododecanoic Acid (PFDoA)	ND	5.24	5.54	106		5.46	103		69-135	1		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.24	6.23	119		6.44	122		66-139	3		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,10 QC Batch ID: WG1674153-3 WG1674153-4 QC Sample: L2242036-02 Client ID: MS Sample												
Perfluorotetradecanoic Acid (PFTA)	ND	5.24	4.90	94		5.38	102		69-133	9		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	80		88		19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	84		85		14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	83		86		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	46		43		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		45		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	70		82		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		82		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		79		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		78		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**75**	Q	**76**	Q	78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	62		68		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39		34		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		75		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	72		74		58-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		89		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		85		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		87		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	76		78		74-139

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,10 QC Batch ID: WG1674153-5 WG1674153-6 QC Sample: L2242036-06 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	ND	5.47	5.32	97		5.34	95		71-135	0		30
Perfluoropentanoic Acid (PFPeA)	ND	5.47	5.36	98		5.32	95		69-132	1		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.85	5.10	105		5.19	104		72-128	2		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.13	5.53	108		5.68	108		62-145	3		30
Perfluorohexanoic Acid (PFHxA)	ND	5.47	5.34	98		5.47	98		70-132	2		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	5.15	5.64	110		5.34	101		73-123	5		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.47	5.46	100		5.60	100		71-131	3		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5	6.15	123		5.73	112		67-130	7		30
Perfluorooctanoic Acid (PFOA)	ND	5.47	5.30	97		5.50	98		69-133	4		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.2	5.61	108		5.22	98		64-140	7		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.22	4.67	90		4.58	86		70-132	2		30
Perfluorononanoic Acid (PFNA)	ND	5.47	5.02	92		5.24	94		72-129	4		30
Perfluorooctanesulfonic Acid (PFOS)	ND	5.07	5.16	102		4.74	91		68-136	8		30
Perfluorodecanoic Acid (PFDA)	ND	5.47	5.52	101		5.29	95		69-133	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.25	5.75F	110		5.94F	111		65-137	3		30
Perfluorononanesulfonic Acid (PFNS)	ND	5.26	4.73	90		4.55	85		69-125	4		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.47	5.46	100		5.67	101		63-144	4		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.47	6.40	117		6.33	113		64-136	1		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.28	4.47	85		4.65	86		59-134	4		30
Perfluorooctanesulfonamide (FOSA)	ND	5.47	5.86	107		5.28	94		67-137	10		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.47	6.32	116		5.72F	102		61-139	10		30
Perfluorododecanoic Acid (PFDoA)	ND	5.47	5.90	108		5.57	100		69-135	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,10 QC Batch ID: WG1674153-5 WG1674153-6 QC Sample: L2242036-06 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	5.47	7.05	129		7.19	128		66-139	2		30
Perfluorotetradecanoic Acid (PFTA)	ND	5.47	5.26	96		5.38	96		69-133	2		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	97		98		19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	87		85		14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98		100		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57		63		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		65		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		95		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		101		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		97		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95		93		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	82		85		78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		83		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	57		57		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		95		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		90		58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	106		114		10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		102		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		98		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		96		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	83		82		74-139

PCBS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:45
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 17:18
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.9	3.01	1	A
Aroclor 1221	ND		ug/kg	33.9	3.40	1	A
Aroclor 1232	ND		ug/kg	33.9	7.18	1	A
Aroclor 1242	ND		ug/kg	33.9	4.57	1	A
Aroclor 1248	ND		ug/kg	33.9	5.08	1	A
Aroclor 1254	ND		ug/kg	33.9	3.71	1	A
Aroclor 1260	ND		ug/kg	33.9	6.26	1	A
Aroclor 1262	ND		ug/kg	33.9	4.30	1	A
Aroclor 1268	ND		ug/kg	33.9	3.51	1	A
PCBs, Total	ND		ug/kg	33.9	3.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02
Client ID: SB-2 (5.5-6)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:50
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 17:31
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	3.33	1	A
Aroclor 1221	ND		ug/kg	37.5	3.76	1	A
Aroclor 1232	ND		ug/kg	37.5	7.95	1	A
Aroclor 1242	ND		ug/kg	37.5	5.06	1	A
Aroclor 1248	ND		ug/kg	37.5	5.62	1	A
Aroclor 1254	ND		ug/kg	37.5	4.10	1	A
Aroclor 1260	ND		ug/kg	37.5	6.93	1	A
Aroclor 1262	ND		ug/kg	37.5	4.76	1	A
Aroclor 1268	ND		ug/kg	37.5	3.88	1	A
PCBs, Total	ND		ug/kg	37.5	3.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03
Client ID: SB-3 (7.5-8)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 11:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 17:44
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.6	2.98	1	A
Aroclor 1221	ND		ug/kg	33.6	3.36	1	A
Aroclor 1232	ND		ug/kg	33.6	7.11	1	A
Aroclor 1242	ND		ug/kg	33.6	4.52	1	A
Aroclor 1248	ND		ug/kg	33.6	5.03	1	A
Aroclor 1254	ND		ug/kg	33.6	3.67	1	A
Aroclor 1260	ND		ug/kg	33.6	6.20	1	A
Aroclor 1262	ND		ug/kg	33.6	4.26	1	A
Aroclor 1268	ND		ug/kg	33.6	3.48	1	A
PCBs, Total	ND		ug/kg	33.6	2.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04
Client ID: SB-4 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 11:10
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 17:56
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	3.26	1	A
Aroclor 1221	ND		ug/kg	36.7	3.68	1	A
Aroclor 1232	ND		ug/kg	36.7	7.78	1	A
Aroclor 1242	ND		ug/kg	36.7	4.94	1	A
Aroclor 1248	ND		ug/kg	36.7	5.50	1	A
Aroclor 1254	ND		ug/kg	36.7	4.01	1	A
Aroclor 1260	ND		ug/kg	36.7	6.78	1	A
Aroclor 1262	ND		ug/kg	36.7	4.66	1	A
Aroclor 1268	ND		ug/kg	36.7	3.80	1	A
PCBs, Total	ND		ug/kg	36.7	3.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05
Client ID: SB-5 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 18:09
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.0	3.10	1	A
Aroclor 1221	ND		ug/kg	35.0	3.50	1	A
Aroclor 1232	ND		ug/kg	35.0	7.41	1	A
Aroclor 1242	ND		ug/kg	35.0	4.71	1	A
Aroclor 1248	ND		ug/kg	35.0	5.24	1	A
Aroclor 1254	ND		ug/kg	35.0	3.83	1	A
Aroclor 1260	ND		ug/kg	35.0	6.46	1	A
Aroclor 1262	ND		ug/kg	35.0	4.44	1	A
Aroclor 1268	ND		ug/kg	35.0	3.62	1	A
PCBs, Total	ND		ug/kg	35.0	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06
Client ID: SB-6 (8.0-8.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:05
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 18:22
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.0	3.10	1	A
Aroclor 1221	ND		ug/kg	35.0	3.50	1	A
Aroclor 1232	ND		ug/kg	35.0	7.41	1	A
Aroclor 1242	ND		ug/kg	35.0	4.71	1	A
Aroclor 1248	ND		ug/kg	35.0	5.24	1	A
Aroclor 1254	ND		ug/kg	35.0	3.82	1	A
Aroclor 1260	ND		ug/kg	35.0	6.46	1	A
Aroclor 1262	ND		ug/kg	35.0	4.44	1	A
Aroclor 1268	ND		ug/kg	35.0	3.62	1	A
PCBs, Total	ND		ug/kg	35.0	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07
Client ID: SB-7 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 18:35
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.3	3.49	1	A
Aroclor 1221	ND		ug/kg	39.3	3.93	1	A
Aroclor 1232	ND		ug/kg	39.3	8.32	1	A
Aroclor 1242	ND		ug/kg	39.3	5.29	1	A
Aroclor 1248	ND		ug/kg	39.3	5.89	1	A
Aroclor 1254	ND		ug/kg	39.3	4.30	1	A
Aroclor 1260	ND		ug/kg	39.3	7.26	1	A
Aroclor 1262	ND		ug/kg	39.3	4.99	1	A
Aroclor 1268	ND		ug/kg	39.3	4.07	1	A
PCBs, Total	ND		ug/kg	39.3	3.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08
Client ID: SB-9 (8-8.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:40
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 18:48
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	3.13	1	A
Aroclor 1221	ND		ug/kg	35.3	3.53	1	A
Aroclor 1232	ND		ug/kg	35.3	7.48	1	A
Aroclor 1242	ND		ug/kg	35.3	4.75	1	A
Aroclor 1248	ND		ug/kg	35.3	5.29	1	A
Aroclor 1254	ND		ug/kg	35.3	3.86	1	A
Aroclor 1260	ND		ug/kg	35.3	6.52	1	A
Aroclor 1262	ND		ug/kg	35.3	4.48	1	A
Aroclor 1268	ND		ug/kg	35.3	3.65	1	A
PCBs, Total	ND		ug/kg	35.3	3.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 19:01
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.38	1	A
Aroclor 1221	ND		ug/kg	38.0	3.81	1	A
Aroclor 1232	ND		ug/kg	38.0	8.06	1	A
Aroclor 1242	ND		ug/kg	38.0	5.13	1	A
Aroclor 1248	ND		ug/kg	38.0	5.70	1	A
Aroclor 1254	ND		ug/kg	38.0	4.16	1	A
Aroclor 1260	ND		ug/kg	38.0	7.03	1	A
Aroclor 1262	ND		ug/kg	38.0	4.83	1	A
Aroclor 1268	ND		ug/kg	38.0	3.94	1	A
PCBs, Total	ND		ug/kg	38.0	3.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 19:27
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:42
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.19	1	A
Aroclor 1221	ND		ug/kg	36.0	3.60	1	A
Aroclor 1232	ND		ug/kg	36.0	7.62	1	A
Aroclor 1242	ND		ug/kg	36.0	4.85	1	A
Aroclor 1248	ND		ug/kg	36.0	5.39	1	A
Aroclor 1254	ND		ug/kg	36.0	3.93	1	A
Aroclor 1260	ND		ug/kg	36.0	6.64	1	A
Aroclor 1262	ND		ug/kg	36.0	4.57	1	A
Aroclor 1268	ND		ug/kg	36.0	3.72	1	A
PCBs, Total	ND		ug/kg	36.0	3.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:55
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/08/22 19:39
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 21:47
Cleanup Method: EPA 3665A
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.5	3.24	1	A
Aroclor 1221	ND		ug/kg	36.5	3.66	1	A
Aroclor 1232	ND		ug/kg	36.5	7.74	1	A
Aroclor 1242	ND		ug/kg	36.5	4.92	1	A
Aroclor 1248	ND		ug/kg	36.5	5.48	1	A
Aroclor 1254	ND		ug/kg	36.5	3.99	1	A
Aroclor 1260	ND		ug/kg	36.5	6.74	1	A
Aroclor 1262	ND		ug/kg	36.5	4.64	1	A
Aroclor 1268	ND		ug/kg	36.5	3.78	1	A
PCBs, Total	ND		ug/kg	36.5	3.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/08/22 11:39
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 08/07/22 11:31
Cleanup Method: EPA 3665A
Cleanup Date: 08/07/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/07/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10,12 Batch: WG1672220-1						
Aroclor 1016	ND		ug/kg	32.0	2.85	A
Aroclor 1221	ND		ug/kg	32.0	3.21	A
Aroclor 1232	ND		ug/kg	32.0	6.79	A
Aroclor 1242	ND		ug/kg	32.0	4.32	A
Aroclor 1248	ND		ug/kg	32.0	4.81	A
Aroclor 1254	ND		ug/kg	32.0	3.51	A
Aroclor 1260	ND		ug/kg	32.0	5.92	A
Aroclor 1262	ND		ug/kg	32.0	4.07	A
Aroclor 1268	ND		ug/kg	32.0	3.32	A
PCBs, Total	ND		ug/kg	32.0	2.85	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	57		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1672220-2 WG1672220-3									
Aroclor 1016	66		68		40-140	3		50	A
Aroclor 1260	55		56		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		72		30-150	A
Decachlorobiphenyl	54		54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		74		30-150	B
Decachlorobiphenyl	60		60		30-150	B

PESTICIDES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:45
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 14:01
Analyst: MMG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.400	1	A
Endosulfan II	ND		ug/kg	1.70	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 10:45
Date Received: 08/07/22
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	100		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02
Client ID: SB-2 (5.5-6)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:50
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 14:13
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.367	1	A
Lindane	ND		ug/kg	0.781	0.349	1	A
Alpha-BHC	ND		ug/kg	0.781	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.711	1	A
Heptachlor	ND		ug/kg	0.938	0.420	1	A
Aldrin	ND		ug/kg	1.88	0.660	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.05	1	A
Endrin	ND		ug/kg	0.781	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.820	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.586	1	A
4,4'-DDE	ND		ug/kg	1.88	0.434	1	A
4,4'-DDD	ND		ug/kg	1.88	0.669	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		ug/kg	1.88	0.626	1	A
Endosulfan sulfate	ND		ug/kg	0.781	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.84	1	A
cis-Chlordane	ND		ug/kg	2.34	0.653	1	A
trans-Chlordane	ND		ug/kg	2.34	0.619	1	A
Chlordane	ND		ug/kg	15.6	6.21	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02
Client ID: SB-2 (5.5-6)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 10:50
Date Received: 08/07/22
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	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03
Client ID: SB-3 (7.5-8)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 11:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 14:26
Analyst: MMG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.931	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.724	1	A
Endrin ketone	ND		ug/kg	1.66	0.426	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	ND		ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.590	1	A
4,4'-DDT	ND		ug/kg	1.66	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.966	1	A
Toxaphene	ND		ug/kg	31.0	8.69	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A
trans-Chlordane	ND		ug/kg	2.07	0.546	1	A
Chlordane	ND		ug/kg	13.8	5.48	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03
Client ID: SB-3 (7.5-8)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:00
Date Received: 08/07/22
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	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04
Client ID: SB-4 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 11:10
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 14:38
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22

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	0.771	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	1	A
4,4'-DDD	ND		ug/kg	1.76	0.628	1	A
4,4'-DDT	ND		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.734	0.350	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	0.582	1	A
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04
Client ID: SB-4 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:10
Date Received: 08/07/22
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	82		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05
Client ID: SB-5 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 14:51
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.699	0.313	1	A
Alpha-BHC	ND		ug/kg	0.699	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.944	1	A
Endrin	ND		ug/kg	0.699	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.979	1	A
Toxaphene	ND		ug/kg	31.5	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05
Client ID: SB-5 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 12:30
Date Received: 08/07/22
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	88		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06
Client ID: SB-6 (8.0-8.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:05
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 15:04
Analyst: MMG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.680	0.304	1	A
Alpha-BHC	ND		ug/kg	0.680	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.619	1	A
Heptachlor	ND		ug/kg	0.817	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.575	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.919	1	A
Endrin	ND		ug/kg	0.680	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.714	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	ND		ug/kg	1.63	0.378	1	A
4,4'-DDD	ND		ug/kg	1.63	0.582	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.680	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.953	1	A
Toxaphene	ND		ug/kg	30.6	8.57	1	A
cis-Chlordane	ND		ug/kg	2.04	0.569	1	A
trans-Chlordane	ND		ug/kg	2.04	0.539	1	A
Chlordane	ND		ug/kg	13.6	5.41	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06
Client ID: SB-6 (8.0-8.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:05
Date Received: 08/07/22
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	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07
Client ID: SB-7 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 15:16
Analyst: MMG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.796	0.356	1	A
Alpha-BHC	ND		ug/kg	0.796	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.724	1	A
Heptachlor	ND		ug/kg	0.955	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.673	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.07	1	A
Endrin	ND		ug/kg	0.796	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	ND		ug/kg	1.19	0.597	1	A
4,4'-DDE	ND		ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.681	1	A
4,4'-DDT	ND		ug/kg	1.91	1.54	1	A
Endosulfan I	ND		ug/kg	1.91	0.451	1	A
Endosulfan II	ND		ug/kg	1.91	0.638	1	A
Endosulfan sulfate	ND		ug/kg	0.796	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.11	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	ND		ug/kg	2.39	0.665	1	A
trans-Chlordane	ND		ug/kg	2.39	0.630	1	A
Chlordane	ND		ug/kg	15.9	6.33	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07
Client ID: SB-7 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:30
Date Received: 08/07/22
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	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08
Client ID: SB-9 (8-8.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:40
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 15:29
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.633	1	A
Heptachlor	ND		ug/kg	0.835	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.696	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.974	1	A
Toxaphene	ND		ug/kg	31.3	8.77	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.551	1	A
Chlordane	ND		ug/kg	13.9	5.53	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08
Client ID: SB-9 (8-8.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:40
Date Received: 08/07/22
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	100		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 15:41
Analyst: MMG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.673	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.625	1	A
Heptachlor epoxide	ND		ug/kg	3.33	0.999	1	A
Endrin	ND		ug/kg	0.740	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.633	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.419	1	A
Endosulfan II	ND		ug/kg	1.78	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:00
Date Received: 08/07/22
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	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 15:54
Analyst: MMG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:10
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	ND		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.971	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.9	5.51	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:25
Date Received: 08/07/22
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	100		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:55
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/09/22 16:07
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 08/07/22 22:23
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22

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	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.991	1	A
Toxaphene	ND		ug/kg	31.8	8.92	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: 466 MAIN ST
Lab Number: L2242456
Project Number: 12587
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:55
Date Received: 08/07/22
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	101		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/09/22 16:19
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 08/07/22 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10,12 Batch: WG1672225-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.647	0.289	A
Alpha-BHC	ND		ug/kg	0.647	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.589	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.647	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.400	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.554	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.367	A
Endosulfan II	ND		ug/kg	1.55	0.519	A
Endosulfan sulfate	ND		ug/kg	0.647	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.906	A
Toxaphene	ND		ug/kg	29.1	8.15	A
cis-Chlordane	ND		ug/kg	1.94	0.541	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/09/22 16:19
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 08/07/22 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 08/08/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/08/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10,12 Batch: WG1672225-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	82		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1672225-2 WG1672225-3									
Delta-BHC	125		129		30-150	3		30	A
Lindane	114		120		30-150	5		30	A
Alpha-BHC	121		127		30-150	5		30	A
Beta-BHC	105		110		30-150	5		30	A
Heptachlor	119		120		30-150	1		30	A
Aldrin	110		115		30-150	4		30	A
Heptachlor epoxide	98		100		30-150	2		30	A
Endrin	119		123		30-150	3		30	A
Endrin aldehyde	84		84		30-150	0		30	A
Endrin ketone	113		113		30-150	0		30	A
Dieldrin	127		131		30-150	3		30	A
4,4'-DDE	120		124		30-150	3		30	A
4,4'-DDD	136		138		30-150	1		30	A
4,4'-DDT	126		127		30-150	1		30	A
Endosulfan I	111		115		30-150	4		30	A
Endosulfan II	118		119		30-150	1		30	A
Endosulfan sulfate	98		98		30-150	0		30	A
Methoxychlor	114		116		30-150	2		30	A
cis-Chlordane	91		94		30-150	3		30	A
trans-Chlordane	123		127		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1672225-2 WG1672225-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		97		30-150	A
Decachlorobiphenyl	74		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		97		30-150	B
Decachlorobiphenyl	87		93		30-150	B

METALS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 10:45
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8950		mg/kg	8.47	2.29	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.24	0.322	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Arsenic, Total	0.421	J	mg/kg	0.847	0.176	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Barium, Total	49.0		mg/kg	0.847	0.147	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Beryllium, Total	0.258	J	mg/kg	0.424	0.028	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Cadmium, Total	0.103	J	mg/kg	0.847	0.083	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Calcium, Total	611		mg/kg	8.47	2.97	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Chromium, Total	17.6		mg/kg	0.847	0.081	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Cobalt, Total	3.21		mg/kg	1.69	0.141	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Copper, Total	13.1		mg/kg	0.847	0.219	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Iron, Total	12400		mg/kg	4.24	0.765	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Lead, Total	3.05	J	mg/kg	4.24	0.227	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Magnesium, Total	2010		mg/kg	8.47	1.30	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Manganese, Total	290		mg/kg	0.847	0.135	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.069	0.045	1	08/10/22 00:05	08/18/22 17:09	EPA 7471B	1,7471B	ZK
Nickel, Total	11.0		mg/kg	2.12	0.205	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Potassium, Total	2380		mg/kg	212	12.2	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.69	0.219	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.847	0.240	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Sodium, Total	141	J	mg/kg	169	2.67	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.69	0.267	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Vanadium, Total	17.8		mg/kg	0.847	0.172	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF
Zinc, Total	21.3		mg/kg	4.24	0.248	2	08/09/22 23:35	08/26/22 11:06	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02
Client ID: SB-2 (5.5-6)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 10:50
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7700		mg/kg	9.36	2.53	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.68	0.356	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Arsenic, Total	2.32		mg/kg	0.936	0.195	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Barium, Total	45.6		mg/kg	0.936	0.163	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Beryllium, Total	0.345	J	mg/kg	0.468	0.031	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Cadmium, Total	0.107	J	mg/kg	0.936	0.092	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Calcium, Total	1180		mg/kg	9.36	3.28	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Chromium, Total	13.5		mg/kg	0.936	0.090	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Cobalt, Total	3.02		mg/kg	1.87	0.155	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Copper, Total	10.6		mg/kg	0.936	0.241	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Iron, Total	10900		mg/kg	4.68	0.845	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Lead, Total	30.5		mg/kg	4.68	0.251	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Magnesium, Total	1940		mg/kg	9.36	1.44	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Manganese, Total	157		mg/kg	0.936	0.149	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Mercury, Total	0.170		mg/kg	0.075	0.049	1	08/10/22 00:05	08/18/22 17:28	EPA 7471B	1,7471B	ZK
Nickel, Total	8.74		mg/kg	2.34	0.226	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Potassium, Total	661		mg/kg	234	13.5	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.87	0.241	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.936	0.265	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Sodium, Total	215		mg/kg	187	2.95	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.87	0.295	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Vanadium, Total	16.2		mg/kg	0.936	0.190	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF
Zinc, Total	25.5		mg/kg	4.68	0.274	2	08/09/22 23:35	08/26/22 11:00	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03
Client ID: SB-3 (7.5-8)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7600		mg/kg	8.10	2.19	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.05	0.308	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Arsenic, Total	ND		mg/kg	0.810	0.168	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Barium, Total	63.9		mg/kg	0.810	0.141	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Beryllium, Total	0.272	J	mg/kg	0.405	0.027	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Cadmium, Total	0.124	J	mg/kg	0.810	0.079	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Calcium, Total	390		mg/kg	8.10	2.83	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Chromium, Total	13.8		mg/kg	0.810	0.078	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Cobalt, Total	4.13		mg/kg	1.62	0.134	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Copper, Total	13.5		mg/kg	0.810	0.209	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Iron, Total	12800		mg/kg	4.05	0.731	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Lead, Total	2.57	J	mg/kg	4.05	0.217	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Magnesium, Total	2260		mg/kg	8.10	1.25	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Manganese, Total	445		mg/kg	0.810	0.129	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.068	0.044	1	08/10/22 00:05	08/18/22 17:38	EPA 7471B	1,7471B	ZK
Nickel, Total	11.8		mg/kg	2.02	0.196	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Potassium, Total	2970		mg/kg	202	11.7	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.62	0.209	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.810	0.229	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Sodium, Total	99.8	J	mg/kg	162	2.55	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.62	0.255	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Vanadium, Total	16.9		mg/kg	0.810	0.164	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF
Zinc, Total	20.1		mg/kg	4.05	0.237	2	08/09/22 23:35	08/26/22 11:03	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04
Client ID: SB-4 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 11:10
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	7910		mg/kg	8.99	2.43	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.50	0.342	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Arsenic, Total	2.05		mg/kg	0.899	0.187	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Barium, Total	45.0		mg/kg	0.899	0.156	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Beryllium, Total	0.378	J	mg/kg	0.450	0.030	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Cadmium, Total	0.097	J	mg/kg	0.899	0.088	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Calcium, Total	1060		mg/kg	8.99	3.15	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Chromium, Total	12.1		mg/kg	0.899	0.086	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Cobalt, Total	5.20		mg/kg	1.80	0.149	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Copper, Total	8.47		mg/kg	0.899	0.232	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Iron, Total	11600		mg/kg	4.50	0.812	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Lead, Total	6.31		mg/kg	4.50	0.241	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Magnesium, Total	1990		mg/kg	8.99	1.38	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Manganese, Total	150		mg/kg	0.899	0.143	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.077	0.050	1	08/10/22 00:05	08/18/22 17:41	EPA 7471B	1,7471B	ZK
Nickel, Total	7.75		mg/kg	2.25	0.218	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Potassium, Total	327		mg/kg	225	12.9	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.80	0.232	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.899	0.254	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Sodium, Total	146	J	mg/kg	180	2.83	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.80	0.283	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Vanadium, Total	16.1		mg/kg	0.899	0.182	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF
Zinc, Total	19.6		mg/kg	4.50	0.263	2	08/09/22 23:35	08/26/22 11:59	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05
Client ID: SB-5 (6.5-7)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 12:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	9020		mg/kg	8.41	2.27	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.21	0.320	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Arsenic, Total	0.559	J	mg/kg	0.841	0.175	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Barium, Total	58.7		mg/kg	0.841	0.146	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Beryllium, Total	0.331	J	mg/kg	0.421	0.028	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Cadmium, Total	0.101	J	mg/kg	0.841	0.082	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Calcium, Total	1170		mg/kg	8.41	2.94	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Chromium, Total	17.6		mg/kg	0.841	0.081	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Cobalt, Total	5.37		mg/kg	1.68	0.140	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Copper, Total	15.1		mg/kg	0.841	0.217	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Iron, Total	14800		mg/kg	4.21	0.760	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Lead, Total	3.66	J	mg/kg	4.21	0.225	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Magnesium, Total	2780		mg/kg	8.41	1.30	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Manganese, Total	236		mg/kg	0.841	0.134	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.072	0.047	1	08/10/22 00:05	08/18/22 17:44	EPA 7471B	1,7471B	ZK
Nickel, Total	12.9		mg/kg	2.10	0.204	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Potassium, Total	2060		mg/kg	210	12.1	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.68	0.217	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.841	0.238	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Sodium, Total	413		mg/kg	168	2.65	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.68	0.265	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Vanadium, Total	22.1		mg/kg	0.841	0.171	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF
Zinc, Total	22.9		mg/kg	4.21	0.246	2	08/09/22 23:35	08/26/22 12:03	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06
Client ID: SB-6 (8.0-8.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 13:05
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6250		mg/kg	8.45	2.28	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.23	0.321	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Arsenic, Total	ND		mg/kg	0.845	0.176	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Barium, Total	65.8		mg/kg	0.845	0.147	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Beryllium, Total	0.197	J	mg/kg	0.423	0.028	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Cadmium, Total	0.111	J	mg/kg	0.845	0.083	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Calcium, Total	806		mg/kg	8.45	2.96	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Chromium, Total	14.6		mg/kg	0.845	0.081	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Cobalt, Total	4.48		mg/kg	1.69	0.140	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Copper, Total	13.0		mg/kg	0.845	0.218	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Iron, Total	12600		mg/kg	4.23	0.763	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Lead, Total	2.26	J	mg/kg	4.23	0.226	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Magnesium, Total	2350		mg/kg	8.45	1.30	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Manganese, Total	217		mg/kg	0.845	0.134	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.072	0.047	1	08/10/22 00:05	08/18/22 17:47	EPA 7471B	1,7471B	ZK
Nickel, Total	12.9		mg/kg	2.11	0.205	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Potassium, Total	3360		mg/kg	211	12.2	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.69	0.218	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.845	0.239	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Sodium, Total	158	J	mg/kg	169	2.66	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.69	0.266	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Vanadium, Total	17.7		mg/kg	0.845	0.172	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF
Zinc, Total	21.6		mg/kg	4.23	0.248	2	08/09/22 23:35	08/26/22 12:06	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07
Client ID: SB-7 (6.5-7)
Sample Location: NEW ROCHELLE
Sample Depth:
Matrix: Soil
Percent Solids: 82%

Date Collected: 08/06/22 13:30
Date Received: 08/07/22
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	11200		mg/kg	9.67	2.61	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.84	0.367	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Arsenic, Total	6.41		mg/kg	0.967	0.201	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Barium, Total	109		mg/kg	0.967	0.168	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Beryllium, Total	0.669		mg/kg	0.484	0.032	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Cadmium, Total	0.126	J	mg/kg	0.967	0.095	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Calcium, Total	2210		mg/kg	9.67	3.38	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Chromium, Total	21.8		mg/kg	0.967	0.093	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Cobalt, Total	11.4		mg/kg	1.93	0.160	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Copper, Total	13.5		mg/kg	0.967	0.250	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Iron, Total	15200		mg/kg	4.84	0.873	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Lead, Total	11.8		mg/kg	4.84	0.259	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Magnesium, Total	2950		mg/kg	9.67	1.49	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Manganese, Total	140		mg/kg	0.967	0.154	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.078	0.051	1	08/10/22 00:05	08/18/22 17:51	EPA 7471B	1,7471B	ZK
Nickel, Total	13.6		mg/kg	2.42	0.234	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Potassium, Total	650		mg/kg	242	13.9	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.93	0.250	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.967	0.274	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Sodium, Total	902		mg/kg	193	3.05	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.93	0.305	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Vanadium, Total	29.5		mg/kg	0.967	0.196	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF
Zinc, Total	36.8		mg/kg	4.84	0.283	2	08/09/22 23:35	08/26/22 12:22	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08
Client ID: SB-9 (8-8.5)
Sample Location: NEW ROCHELLE
Sample Depth:
Matrix: Soil
Percent Solids: 91%

Date Collected: 08/06/22 13:40
Date Received: 08/07/22
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	4960		mg/kg	8.55	2.31	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.27	0.325	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Arsenic, Total	0.234	J	mg/kg	0.855	0.178	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Barium, Total	47.6		mg/kg	0.855	0.149	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Beryllium, Total	0.190	J	mg/kg	0.427	0.028	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Cadmium, Total	ND		mg/kg	0.855	0.084	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Calcium, Total	676		mg/kg	8.55	2.99	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Chromium, Total	14.0		mg/kg	0.855	0.082	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Cobalt, Total	3.86		mg/kg	1.71	0.142	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Copper, Total	9.90		mg/kg	0.855	0.220	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Iron, Total	9470		mg/kg	4.27	0.772	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Lead, Total	2.11	J	mg/kg	4.27	0.229	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Magnesium, Total	1880		mg/kg	8.55	1.32	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Manganese, Total	154		mg/kg	0.855	0.136	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.075	0.049	1	08/10/22 00:05	08/18/22 17:54	EPA 7471B	1,7471B	ZK
Nickel, Total	11.0		mg/kg	2.14	0.207	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Potassium, Total	2550		mg/kg	214	12.3	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.71	0.220	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.855	0.242	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Sodium, Total	103	J	mg/kg	171	2.69	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.71	0.269	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Vanadium, Total	16.3		mg/kg	0.855	0.174	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF
Zinc, Total	15.7		mg/kg	4.27	0.250	2	08/09/22 23:35	08/26/22 12:26	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:00
Date Received: 08/07/22
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	13600		mg/kg	8.82	2.38	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.41	0.335	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Arsenic, Total	0.409	J	mg/kg	0.882	0.183	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Barium, Total	93.3		mg/kg	0.882	0.154	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Beryllium, Total	0.494		mg/kg	0.441	0.029	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Cadmium, Total	0.105	J	mg/kg	0.882	0.086	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Calcium, Total	581		mg/kg	8.82	3.09	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Chromium, Total	19.0		mg/kg	0.882	0.085	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Cobalt, Total	5.61		mg/kg	1.76	0.146	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Copper, Total	21.0		mg/kg	0.882	0.228	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Iron, Total	16300		mg/kg	4.41	0.797	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Lead, Total	4.71		mg/kg	4.41	0.236	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Magnesium, Total	2850		mg/kg	8.82	1.36	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Manganese, Total	465		mg/kg	0.882	0.140	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.080	0.052	1	08/10/22 00:05	08/18/22 17:57	EPA 7471B	1,7471B	ZK
Nickel, Total	14.1		mg/kg	2.20	0.213	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Potassium, Total	3130		mg/kg	220	12.7	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.76	0.228	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.882	0.250	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Sodium, Total	314		mg/kg	176	2.78	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.76	0.278	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Vanadium, Total	24.7		mg/kg	0.882	0.179	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF
Zinc, Total	24.4		mg/kg	4.41	0.258	2	08/09/22 23:35	08/26/22 12:29	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE
Sample Depth:
Matrix: Soil
Percent Solids: 92%

Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	7670		mg/kg	8.48	2.29	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.24	0.322	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Arsenic, Total	ND		mg/kg	0.848	0.176	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Barium, Total	51.6		mg/kg	0.848	0.148	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Beryllium, Total	0.272	J	mg/kg	0.424	0.028	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Cadmium, Total	0.087	J	mg/kg	0.848	0.083	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Calcium, Total	481		mg/kg	8.48	2.97	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Chromium, Total	11.3		mg/kg	0.848	0.081	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Cobalt, Total	3.40		mg/kg	1.70	0.141	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Copper, Total	11.4		mg/kg	0.848	0.219	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Iron, Total	10700		mg/kg	4.24	0.766	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Lead, Total	2.62	J	mg/kg	4.24	0.227	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Magnesium, Total	1580		mg/kg	8.48	1.31	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Manganese, Total	351		mg/kg	0.848	0.135	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.079	0.051	1	08/10/22 00:05	08/18/22 18:01	EPA 7471B	1,7471B	ZK
Nickel, Total	11.1		mg/kg	2.12	0.205	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Potassium, Total	1930		mg/kg	212	12.2	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Selenium, Total	ND		mg/kg	1.70	0.219	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.848	0.240	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Sodium, Total	239		mg/kg	170	2.67	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.70	0.267	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Vanadium, Total	13.7		mg/kg	0.848	0.172	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF
Zinc, Total	14.0		mg/kg	4.24	0.248	2	08/09/22 23:35	08/26/22 12:33	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 14:55
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	5970		mg/kg	8.62	2.33	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Antimony, Total	ND		mg/kg	4.31	0.328	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Arsenic, Total	ND		mg/kg	0.862	0.179	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Barium, Total	64.3		mg/kg	0.862	0.150	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Beryllium, Total	0.233	J	mg/kg	0.431	0.028	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Cadmium, Total	ND		mg/kg	0.862	0.085	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Calcium, Total	1390		mg/kg	8.62	3.02	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Chromium, Total	17.1		mg/kg	0.862	0.083	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Cobalt, Total	5.42		mg/kg	1.72	0.143	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Copper, Total	13.4		mg/kg	0.862	0.222	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Iron, Total	12500		mg/kg	4.31	0.778	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Lead, Total	2.72	J	mg/kg	4.31	0.231	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Magnesium, Total	2880		mg/kg	8.62	1.33	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Manganese, Total	116		mg/kg	0.862	0.137	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Mercury, Total	ND		mg/kg	0.077	0.050	1	08/10/22 00:05	08/18/22 18:04	EPA 7471B	1,7471B	ZK
Nickel, Total	14.2		mg/kg	2.16	0.209	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Potassium, Total	3620		mg/kg	216	12.4	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Selenium, Total	0.254	J	mg/kg	1.72	0.222	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Silver, Total	ND		mg/kg	0.862	0.244	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Sodium, Total	111	J	mg/kg	172	2.72	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Thallium, Total	ND		mg/kg	1.72	0.272	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Vanadium, Total	18.0		mg/kg	0.862	0.175	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF
Zinc, Total	21.7		mg/kg	4.31	0.253	2	08/09/22 23:35	08/26/22 12:36	EPA 3050B	1,6010D	JF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10,12 Batch: WG1673065-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Barium, Total	ND		mg/kg	0.400	0.070	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Calcium, Total	ND		mg/kg	4.00	1.40	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Copper, Total	ND		mg/kg	0.400	0.103	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Iron, Total	1.65	J	mg/kg	2.00	0.361	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Lead, Total	ND		mg/kg	2.00	0.107	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Manganese, Total	ND		mg/kg	0.400	0.064	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Potassium, Total	ND		mg/kg	100	5.76	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Silver, Total	ND		mg/kg	0.400	0.113	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Sodium, Total	ND		mg/kg	80.0	1.26	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Thallium, Total	ND		mg/kg	0.800	0.126	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF
Zinc, Total	ND		mg/kg	2.00	0.117	1	08/09/22 23:35	08/26/22 10:49	1,6010D	JF

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): 01-10,12 Batch: WG1673066-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/10/22 00:05	08/18/22 17:02	1,7471B	ZK

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 Batch: WG1673065-2 SRM Lot Number: D113-540								
Aluminum, Total	69		-		51-149	-		
Antimony, Total	102		-		20-250	-		
Arsenic, Total	85		-		70-130	-		
Barium, Total	90		-		75-125	-		
Beryllium, Total	102		-		75-125	-		
Cadmium, Total	86		-		75-125	-		
Calcium, Total	91		-		73-128	-		
Chromium, Total	89		-		70-130	-		
Cobalt, Total	88		-		75-125	-		
Copper, Total	88		-		75-125	-		
Iron, Total	82		-		36-164	-		
Lead, Total	83		-		72-128	-		
Magnesium, Total	83		-		63-138	-		
Manganese, Total	85		-		77-123	-		
Nickel, Total	87		-		70-130	-		
Potassium, Total	80		-		59-141	-		
Selenium, Total	84		-		66-134	-		
Silver, Total	84		-		70-131	-		
Sodium, Total	101		-		35-164	-		
Thallium, Total	87		-		70-130	-		
Vanadium, Total	86		-		74-126	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 Batch: WG1673065-2 SRM Lot Number: D113-540					
Zinc, Total	80	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 Batch: WG1673066-2 SRM Lot Number: D113-540					
Mercury, Total	87	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 QC Batch ID: WG1673065-3 QC Sample: L2242456-01 Client ID: SB-1 (7.5-8.0)												
Aluminum, Total	8950	161	8540	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	40.4	13.6	**34**	Q	-	-		75-125	-		20
Arsenic, Total	0.421J	9.69	7.87	81		-	-		75-125	-		20
Barium, Total	49.0	161	177	79		-	-		75-125	-		20
Beryllium, Total	0.258J	4.04	3.49	86		-	-		75-125	-		20
Cadmium, Total	0.103J	4.28	3.34	78		-	-		75-125	-		20
Calcium, Total	611	807	1160	**68**	Q	-	-		75-125	-		20
Chromium, Total	17.6	16.1	27.9	**64**	Q	-	-		75-125	-		20
Cobalt, Total	3.21	40.4	33.4	75		-	-		75-125	-		20
Copper, Total	13.1	20.2	30.8	88		-	-		75-125	-		20
Iron, Total	12400	80.7	12300	**0**	Q	-	-		75-125	-		20
Lead, Total	3.05J	42.8	35.4	83		-	-		75-125	-		20
Magnesium, Total	2010	807	2540	**66**	Q	-	-		75-125	-		20
Manganese, Total	290	40.4	270	**0**	Q	-	-		75-125	-		20
Nickel, Total	11.0	40.4	42.3	78		-	-		75-125	-		20
Potassium, Total	2380	807	2820	**54**	Q	-	-		75-125	-		20
Selenium, Total	ND	9.69	7.37	76		-	-		75-125	-		20
Silver, Total	ND	24.2	19.2	79		-	-		75-125	-		20
Sodium, Total	141J	807	846	105		-	-		75-125	-		20
Thallium, Total	ND	9.69	7.03	**72**	Q	-	-		75-125	-		20
Vanadium, Total	17.8	40.4	49.7	79		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 QC Batch ID: WG1673065-3 QC Sample: L2242456-01 Client ID: SB-1 (7.5-8.0)										
Zinc, Total	21.3	40.4	50.7	**73**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 QC Batch ID: WG1673066-3 QC Sample: L2242456-01 Client ID: SB-1 (7.5-8.0)										
Mercury, Total	ND	1.51	1.47	97		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 QC Batch ID: WG1673065-4 QC Sample: L2242456-01 Client ID: SB-1 (7.5-8.0)						
Aluminum, Total	8950	7600	mg/kg	16		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	0.421J	0.400J	mg/kg	NC		20
Barium, Total	49.0	48.2	mg/kg	2		20
Beryllium, Total	0.258J	0.250J	mg/kg	NC		20
Cadmium, Total	0.103J	0.104J	mg/kg	NC		20
Calcium, Total	611	451	mg/kg	**30**	Q	20
Chromium, Total	17.6	13.9	mg/kg	**23**	Q	20
Cobalt, Total	3.21	4.13	mg/kg	**25**	Q	20
Copper, Total	13.1	13.3	mg/kg	2		20
Iron, Total	12400	12100	mg/kg	2		20
Lead, Total	3.05J	2.72J	mg/kg	NC		20
Magnesium, Total	2010	1660	mg/kg	19		20
Manganese, Total	290	326	mg/kg	12		20
Nickel, Total	11.0	10.7	mg/kg	3		20
Potassium, Total	2380	1910	mg/kg	**22**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	141J	122J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 QC Batch ID: WG1673065-4 QC Sample: L2242456-01 Client ID: SB-1 (7.5-8.0)					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	17.8	16.0	mg/kg	11	20
Zinc, Total	21.3	19.4	mg/kg	9	20
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 QC Batch ID: WG1673066-4 QC Sample: L2242456-01 Client ID: SB-1 (7.5-8.0)					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2242456
Report Date: 08/28/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10,12 QC Batch ID: WG1673065-6 QC Sample: L2242456-01 Client ID: SB-1 (7.5-8.0)						
Aluminum, Total	8950	10400	mg/kg	16		20
Barium, Total	49.0	57.2	mg/kg	17		20
Calcium, Total	611	581	mg/kg	5		20
Iron, Total	12400	15000	mg/kg	**21**	Q	20
Magnesium, Total	2010	2400	mg/kg	19		20
Manganese, Total	290	339	mg/kg	17		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-01
Client ID: SB-1 (7.5-8.0)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:45
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	08/11/22 09:45	08/11/22 13:55	1,9010C/9012B	CS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-02
Client ID: SB-2 (5.5-6)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 10:50
Date Received: 08/07/22
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	84.6		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	0.64	J	mg/kg	1.1	0.23	1	08/11/22 09:45	08/11/22 13:56	1,9010C/9012B	CS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-03
Client ID: SB-3 (7.5-8)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 11:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.9		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	08/11/22 09:45	08/11/22 13:57	1,9010C/9012B	CS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-04
Client ID: SB-4 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 11:10
Date Received: 08/07/22
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	87.3		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	08/11/22 09:45	08/11/22 13:58	1,9010C/9012B	CS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-05
Client ID: SB-5 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	08/11/22 09:45	08/11/22 13:59	1,9010C/9012B	CS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-06
Client ID: SB-6 (8.0-8.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:05
Date Received: 08/07/22
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	91.9		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	08/11/22 09:45	08/11/22 14:00	1,9010C/9012B	CS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-07
Client ID: SB-7 (6.5-7)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:30
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	2.1		mg/kg	1.1	0.24	1	08/12/22 05:30	08/15/22 11:24	1,9010C/9012B	JR

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-08
Client ID: SB-9 (8-8.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 13:40
Date Received: 08/07/22
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	91.1		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	08/12/22 05:30	08/15/22 11:25	1,9010C/9012B	JR

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-09
Client ID: SB-10 (4-4.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:00
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	08/12/22 05:30	08/15/22 11:26	1,9010C/9012B	JR

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-10
Client ID: SB-11 (7-7.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:25
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	08/12/22 05:30	08/15/22 11:27	1,9010C/9012B	JR

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-11
Client ID: SB-12 (0.5-1.0)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:40
Date Received: 08/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

SAMPLE RESULTS

Lab ID: L2242456-12
Client ID: SB-13 (1-1.5)
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 14:55
Date Received: 08/07/22
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	89.7		%	0.100	NA	1	-	08/09/22 10:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	08/12/22 05:30	08/15/22 11:36	1,9010C/9012B	JR

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242456
Report Date: 08/28/22

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): 01-06 Batch: WG1673862-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	08/11/22 09:45	08/11/22 13:31	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 07-10 Batch: WG1674336-1										
Cyanide, Total	0.30	J	mg/kg	0.96	0.20	1	08/12/22 05:30	08/15/22 11:20	1,9010C/9012B	JR
General Chemistry - Westborough Lab for sample(s): 12 Batch: WG1674337-1										
Cyanide, Total	0.30	J	mg/kg	0.96	0.20	1	08/12/22 05:30	08/15/22 11:20	1,9010C/9012B	JR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1673862-2 WG1673862-3								
Cyanide, Total	96		84		80-120	18		35
General Chemistry - Westborough Lab Associated sample(s): 07-10 Batch: WG1674336-2 WG1674336-3								
Cyanide, Total	**63**	Q	**74**	Q	80-120	16		35
General Chemistry - Westborough Lab Associated sample(s): 12 Batch: WG1674337-2 WG1674337-3								
Cyanide, Total	**63**	Q	**74**	Q	80-120	16		35

Matrix Spike Analysis
Batch Quality Control

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Project Number: 12587
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Report Date: 08/28/22

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): 01-06 QC Batch ID: WG1673862-4 WG1673862-5 QC Sample: L2242036-06 Client ID: MS Sample												
Cyanide, Total	ND	12	12	100		12	110		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 07-10 QC Batch ID: WG1674336-4 WG1674336-5 QC Sample: L2243390-01 Client ID: MS Sample												
Cyanide, Total	ND	10	10	99		12	120		75-125	18		35
General Chemistry - Westborough Lab Associated sample(s): 12 QC Batch ID: WG1674337-4 WG1674337-5 QC Sample: L2242456-12 Client ID: SB-13 (1-1.5)												
Cyanide, Total	ND	10	11	100		12	120		75-125	9		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

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Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1672838-1 QC Sample: L2242456-01 Client ID: SB-1 (7.5-8.0)						
Solids, Total	93.5	94.0	%	1		20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

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(*)
L2242456-01A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-01B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-01C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-01D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-01E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2242456-01G	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2242456-01H	Plastic 8oz unpreserved	A	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2242456-01X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-01Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-01Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-02A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-02B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-02C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-02D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2242456-02F	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2242456-02X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-02Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-02Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-03A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-03B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-03C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-03D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2242456-03F	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2242456-03X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-03Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-03Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-04A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-04B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-04C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-04D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2242456-04F	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2242456-04X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-04Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-04Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-05A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-05B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2242456-05C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-05D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	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),SB-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2242456-05F	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2242456-05X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-05Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-05Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-06A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-06B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-06C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-06D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2242456-06F	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2242456-06X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-06Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-06Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-07A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-07B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-07C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-07D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2242456-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2242456-07F	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2242456-07X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-07Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-07Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-08A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-08B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-08C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-08D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2242456-08F	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2242456-08X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-08Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-08Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-09A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-09B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-09C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-09D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2242456-09F	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2242456-09X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-09Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-09Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-10A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		ARCHIVE()
L2242456-10B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		ARCHIVE()
L2242456-10C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		ARCHIVE()
L2242456-10D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-10E	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-10F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2242456-10G	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8260HLW(14),NYTCL-8081(14),NYTCL-8082(365)
L2242456-10H	Plastic 8oz unpreserved	A	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2242456-10X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-10Y	Vial Water preserved split	A	NA		3.4	Y	Absent	**10-AUG-22 02:07**	NYTCL-8260HLW(14)
L2242456-10Z	Vial Water preserved split	A	NA		3.4	Y	Absent	**10-AUG-22 02:07**	NYTCL-8260HLW(14)
L2242456-11A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-11B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-11C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-11D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2242456-11X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-11Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-11Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-12A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-12B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-12C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-12D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2242456-12E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2242456-12F	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2242456-12X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2242456-12Y	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)
L2242456-12Z	Vial Water preserved split	A	NA		3.4	Y	Absent	07-AUG-22 14:30	NYTCL-8260HLW(14)

Container Comments

L2242456-10A	Container received empty.
L2242456-10B	Container received empty.
L2242456-10C	Container received empty.

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242456
Report Date: 08/28/22

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
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	466 MAIN ST	**Lab Number:**	L2242456
Project Number:	12587	**Report Date:**	08/28/22

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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2242456
Project Number:	12587	**Report Date:**	08/28/22

Footnotes

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2242456
Project Number:	12587	**Report Date:**	08/28/22

Data Qualifiers

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2242456
Project Number:	12587	**Report Date:**	08/28/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; 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, SM9222D.**

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, EPA 537.1.

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 2

Date Rec'd in Lab: 8/7/22

ALPHA Job #: L2242456

Client Information
Client: SESI
Address: 959 Route 46E
Parsippany, NJ
Phone: (973) 808 9050
Fax:
Email: Katherine.eldridge@sesi.cc

Project Information
Project Name: 466 Main St.
Project Location: New Rochelle
Project #: 12557
(Use Project name as Project #) ☐
Project Manager: Katherine Eldridge
ALPHAQuote #:

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other NY EQuIS EDD

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:

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	TAL/TAL+30	PFAS	Sample Specific Comments	Total Bottle
42456 01	SB-1 (7.5-8.0)	08/06/22	1045	Soil	CC	X	X		8
02	SB-2 (5.5-6)		1050			X			6
03	SB-3 (7.5-8)		1100			X			
04	SB-4 (6.5-7)		1110			X			
05	SB-5 (6.5-7)		1230			X			
06	SB-6 (8.0-8.5)		1305			X			
07	SB-7 (6.5-7)		1330			X			
08	SB-9 (8-8.5)		1340			X			
09	SB-10 (4-4.5)		1400			X			
10	SB-11 (7-7.5)		1425			X	X		8

ANALYSIS

Container Type	PAE	P							
Preservative	1	1							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	08/06/22	MSM (@01)	8/6/22 17:00
MSM via courier	08/6/22 16:30	MSM via courier	8/7/22 08:31
MSM (courier)	8/7/22 0953	CC via courier 8/7/22	0953

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)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL
Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
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Mansfield, MA 02048
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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 2 of 2

Date Rec'd in Lab: 8/7/22

ALPHA Job #: L2242456

Client Information
Client: Same GESI
Address:
Phone:
Fax:
Email:

Project Information
Project Name: Same 466 Main St
Project Location: New Rochelle
Project #: 12587
(Use Project name as Project #)
Project Manager: Katherine Eldridge
ALPHAQuote #:

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

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other NYEQuIS

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/TAL+3C	VOCs/percent-solid	Total Bottle	Sample Specific Comments
42456-11	SB-12 (0.5-1.0)	08/06/22	1440	Soil	CC		X	4	
12	SB-13 (1-1.5)	↓	~~1440~~ 1455	↓	↓	X		6	

Container Type: PAE, PE
Preservative: 1, 1

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	08/06/22	MSMA (mm)	8/6/22 17:00
MSMA (mm)	8/6/22 10:30	MSMA (mm)	8/7/22 08:58
MSMA (mm)	8/6/22 0958	CC clean 8/7/22	0953

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2242461
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Katherine Eldridge
Phone:	(973) 808-9050
Project Name:	466 MAIN ST.
Project Number:	12587
Report Date:	08/19/22

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

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

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2242461-01	SV-1	SOIL_VAPOR	NEW ROCHELLE	08/06/22 16:15	08/06/22
L2242461-02	SV-2	SOIL_VAPOR	NEW ROCHELLE	08/06/22 15:56	08/06/22
L2242461-03	AA-1	AIR	NEW ROCHELLE	08/06/22 16:14	08/06/22

Project Name:	466 MAIN ST.	**Lab Number:**	L2242461
Project Number:	12587	**Report Date:**	08/19/22

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:	466 MAIN ST.	**Lab Number:**	L2242461
Project Number:	12587	**Report Date:**	08/19/22

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on August 5, 2022. The canister certification results are provided as an addendum.

L2242461-01D: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Due to the low pressure in the canister, the sample did not pull the target volume of 250 mL required for a 1X analysis. A dilution factor has been applied as a result of the lower volume analyzed.

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: 08/19/22

AIR

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

SAMPLE RESULTS

Lab ID: L2242461-01 D
Client ID: SV-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:15
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/18/22 19:38
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.713	--	ND	3.53	--		3.566
Chloromethane	1.42	0.713	--	2.93	1.47	--		3.566
Freon-114	ND	0.713	--	ND	4.98	--		3.566
Vinyl chloride	ND	0.713	--	ND	1.82	--		3.566
1,3-Butadiene	40.0	0.713	--	88.5	1.58	--		3.566
Bromomethane	ND	0.713	--	ND	2.77	--		3.566
Chloroethane	ND	0.713	--	ND	1.88	--		3.566
Ethanol	ND	17.8	--	ND	33.5	--		3.566
Vinyl bromide	ND	0.713	--	ND	3.12	--		3.566
Acetone	125	3.57	--	297	8.48	--		3.566
Trichlorofluoromethane	ND	0.713	--	ND	4.01	--		3.566
Isopropanol	4.40	1.78	--	10.8	4.38	--		3.566
1,1-Dichloroethene	ND	0.713	--	ND	2.83	--		3.566
Tertiary butyl Alcohol	18.4	1.78	--	55.8	5.40	--		3.566
Methylene chloride	7.15	1.78	--	24.8	6.18	--		3.566
3-Chloropropene	ND	0.713	--	ND	2.23	--		3.566
Carbon disulfide	26.3	0.713	--	81.9	2.22	--		3.566
Freon-113	ND	0.713	--	ND	5.46	--		3.566
trans-1,2-Dichloroethene	0.838	0.713	--	3.32	2.83	--		3.566
1,1-Dichloroethane	ND	0.713	--	ND	2.89	--		3.566
Methyl tert butyl ether	ND	0.713	--	ND	2.57	--		3.566
2-Butanone	25.1	1.78	--	74.0	5.25	--		3.566
cis-1,2-Dichloroethene	ND	0.713	--	ND	2.83	--		3.566

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

SAMPLE RESULTS

Lab ID: L2242461-01 D
Client ID: SV-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:15
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	3.57	1.78	--	12.9	6.41	--		3.566
Chloroform	ND	0.713	--	ND	3.48	--		3.566
Tetrahydrofuran	3.30	1.78	--	9.73	5.25	--		3.566
1,2-Dichloroethane	ND	0.713	--	ND	2.89	--		3.566
n-Hexane	10.8	0.713	--	38.1	2.51	--		3.566
1,1,1-Trichloroethane	ND	0.713	--	ND	3.89	--		3.566
Benzene	5.77	0.713	--	18.4	2.28	--		3.566
Carbon tetrachloride	ND	0.713	--	ND	4.49	--		3.566
Cyclohexane	1.52	0.713	--	5.23	2.45	--		3.566
1,2-Dichloropropane	ND	0.713	--	ND	3.30	--		3.566
Bromodichloromethane	ND	0.713	--	ND	4.78	--		3.566
1,4-Dioxane	ND	0.713	--	ND	2.57	--		3.566
Trichloroethene	ND	0.713	--	ND	3.83	--		3.566
2,2,4-Trimethylpentane	ND	0.713	--	ND	3.33	--		3.566
Heptane	5.43	0.713	--	22.3	2.92	--		3.566
cis-1,3-Dichloropropene	ND	0.713	--	ND	3.24	--		3.566
4-Methyl-2-pentanone	6.58	1.78	--	27.0	7.29	--		3.566
trans-1,3-Dichloropropene	ND	0.713	--	ND	3.24	--		3.566
1,1,2-Trichloroethane	ND	0.713	--	ND	3.89	--		3.566
Toluene	6.59	0.713	--	24.8	2.69	--		3.566
2-Hexanone	7.93	0.713	--	32.5	2.92	--		3.566
Dibromochloromethane	ND	0.713	--	ND	6.07	--		3.566
1,2-Dibromoethane	ND	0.713	--	ND	5.48	--		3.566
Tetrachloroethene	ND	0.713	--	ND	4.83	--		3.566
Chlorobenzene	ND	0.713	--	ND	3.28	--		3.566
Ethylbenzene	ND	0.713	--	ND	3.10	--		3.566

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

SAMPLE RESULTS

Lab ID: L2242461-01 D
Client ID: SV-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:15
Date Received: 08/06/22
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								
p/m-Xylene	1.68	1.43	--	7.30	6.21	--		3.566
Bromoform	ND	0.713	--	ND	7.37	--		3.566
Styrene	ND	0.713	--	ND	3.04	--		3.566
1,1,2,2-Tetrachloroethane	ND	0.713	--	ND	4.90	--		3.566
o-Xylene	ND	0.713	--	ND	3.10	--		3.566
4-Ethyltoluene	ND	0.713	--	ND	3.51	--		3.566
1,3,5-Trimethylbenzene	ND	0.713	--	ND	3.51	--		3.566
1,2,4-Trimethylbenzene	ND	0.713	--	ND	3.51	--		3.566
Benzyl chloride	ND	0.713	--	ND	3.69	--		3.566
1,3-Dichlorobenzene	ND	0.713	--	ND	4.29	--		3.566
1,4-Dichlorobenzene	ND	0.713	--	ND	4.29	--		3.566
1,2-Dichlorobenzene	ND	0.713	--	ND	4.29	--		3.566
1,2,4-Trichlorobenzene	ND	0.713	--	ND	5.29	--		3.566
Hexachlorobutadiene	ND	0.713	--	ND	7.61	--		3.566

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	81		60-140

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

SAMPLE RESULTS

Lab ID: L2242461-02
Client ID: SV-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:56
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/18/22 20:20
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.558	0.200	--	2.76	0.989	--		1
Chloromethane	4.25	0.200	--	8.78	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	0.257	0.200	--	0.657	0.511	--		1
1,3-Butadiene	7.18	0.200	--	15.9	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	1.38	0.200	--	3.64	0.528	--		1
Ethanol	18.6	5.00	--	35.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	182	1.00	--	432	2.38	--		1
Trichlorofluoromethane	0.439	0.200	--	2.47	1.12	--		1
Isopropanol	6.26	0.500	--	15.4	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	20.9	0.500	--	63.4	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	16.5	0.200	--	51.4	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	34.3	0.500	--	101	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

SAMPLE RESULTS

Lab ID: L2242461-02
Client ID: SV-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:56
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	1.38	0.500	--	4.97	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	2.01	0.500	--	5.93	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	5.73	0.200	--	20.2	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	7.41	0.200	--	23.7	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	3.98	0.200	--	13.7	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	3.61	0.200	--	14.8	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	6.07	0.500	--	24.9	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	5.63	0.200	--	21.2	0.754	--		1
2-Hexanone	8.54	0.200	--	35.0	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.07	0.200	--	7.26	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.64	0.200	--	7.12	0.869	--		1

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

SAMPLE RESULTS

Lab ID: L2242461-02
Client ID: SV-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:56
Date Received: 08/06/22
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								
p/m-Xylene	5.15	0.400	--	22.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.232	0.200	--	0.988	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.17	0.200	--	9.43	0.869	--		1
4-Ethyltoluene	0.715	0.200	--	3.52	0.983	--		1
1,3,5-Trimethylbenzene	1.75	0.200	--	8.60	0.983	--		1
1,2,4-Trimethylbenzene	1.59	0.200	--	7.82	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	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	91		60-140

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2242461
Report Date: 08/19/22

SAMPLE RESULTS

Lab ID: L2242461-03
Client ID: AA-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:14
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/18/22 18:44
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.497	0.200	--	2.46	0.989	--		1
Chloromethane	0.696	0.200	--	1.44	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	9.43	5.00	--	17.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.70	1.00	--	13.5	2.38	--		1
Trichlorofluoromethane	0.242	0.200	--	1.36	1.12	--		1
Isopropanol	3.30	0.500	--	8.11	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
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

SAMPLE RESULTS

Lab ID: L2242461-03
Client ID: AA-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:14
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	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	1.04	0.200	--	3.92	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
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

SAMPLE RESULTS

Lab ID: L2242461-03
Client ID: AA-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:14
Date Received: 08/06/22
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								
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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	89		60-140

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2242461
Report Date: 08/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/18/22 16:20

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): 01-03 Batch: WG1677003-4								
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
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

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2242461
Report Date: 08/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/18/22 16:20

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): 01-03 Batch: WG1677003-4								
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
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2242461
Report Date: 08/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/18/22 16:20

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): 01-03 Batch: WG1677003-4								
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: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1677003-3								
Dichlorodifluoromethane	95		-		70-130	-		
Chloromethane	102		-		70-130	-		
Freon-114	98		-		70-130	-		
Vinyl chloride	95		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Bromomethane	98		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethanol	83		-		40-160	-		
Vinyl bromide	91		-		70-130	-		
Acetone	101		-		40-160	-		
Trichlorofluoromethane	89		-		70-130	-		
Isopropanol	97		-		40-160	-		
1,1-Dichloroethene	100		-		70-130	-		
Tertiary butyl Alcohol	94		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	105		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
Freon-113	101		-		70-130	-		
trans-1,2-Dichloroethene	92		-		70-130	-		
1,1-Dichloroethane	99		-		70-130	-		
Methyl tert butyl ether	96		-		70-130	-		
2-Butanone	95		-		70-130	-		
cis-1,2-Dichloroethene	101		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2242461
Report Date: 08/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1677003-3								
Ethyl Acetate	100		-		70-130	-		
Chloroform	104		-		70-130	-		
Tetrahydrofuran	94		-		70-130	-		
1,2-Dichloroethane	91		-		70-130	-		
n-Hexane	101		-		70-130	-		
1,1,1-Trichloroethane	106		-		70-130	-		
Benzene	106		-		70-130	-		
Carbon tetrachloride	103		-		70-130	-		
Cyclohexane	101		-		70-130	-		
1,2-Dichloropropane	107		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	98		-		70-130	-		
Trichloroethene	108		-		70-130	-		
2,2,4-Trimethylpentane	103		-		70-130	-		
Heptane	108		-		70-130	-		
cis-1,3-Dichloropropene	110		-		70-130	-		
4-Methyl-2-pentanone	107		-		70-130	-		
trans-1,3-Dichloropropene	90		-		70-130	-		
1,1,2-Trichloroethane	106		-		70-130	-		
Toluene	108		-		70-130	-		
2-Hexanone	107		-		70-130	-		
Dibromochloromethane	106		-		70-130	-		
1,2-Dibromoethane	101		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2242461

Report Date: 08/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1677003-3								
Tetrachloroethene	104		-		70-130	-		
Chlorobenzene	104		-		70-130	-		
Ethylbenzene	108		-		70-130	-		
p/m-Xylene	107		-		70-130	-		
Bromoform	108		-		70-130	-		
Styrene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	111		-		70-130	-		
o-Xylene	109		-		70-130	-		
4-Ethyltoluene	98		-		70-130	-		
1,3,5-Trimethylbenzene	104		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		
Benzyl chloride	89		-		70-130	-		
1,3-Dichlorobenzene	101		-		70-130	-		
1,4-Dichlorobenzene	99		-		70-130	-		
1,2-Dichlorobenzene	96		-		70-130	-		
1,2,4-Trichlorobenzene	84		-		70-130	-		
Hexachlorobutadiene	89		-		70-130	-		

Project Name: 466 MAIN ST.

Lab Number: L2242461

Project Number: 12587

Report Date: 08/19/22

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
L2242461-01	SV-1	01443	Flow 2	08/05/22	395862		-	-	-	Pass	40.2	36.6	9
L2242461-01	SV-1	2697	6.0L Can	08/05/22	395862	L2239490-03	Pass	-29.3	-20.3	-	-	-	-
L2242461-02	SV-2	0808	Flow 2	08/05/22	395862		-	-	-	Pass	40.0	62	43
L2242461-02	SV-2	1945	6.0L Can	08/05/22	395862	L2239490-04	Pass	-29.1	-6.2	-	-	-	-
L2242461-03	AA-1	01102	Flow 2	08/05/22	395862		-	-	-	Pass	40.0	34.9	14
L2242461-03	AA-1	1973	6.0L Can	08/05/22	395862	L2239490-03	Pass	-29.3	-9.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-03
Client ID: CAN 1998 SHELF 30
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/25/22 19:21
Analyst: TS

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-03
Client ID: CAN 1998 SHELF 30
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-03
Client ID: CAN 1998 SHELF 30
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-03
Client ID: CAN 1998 SHELF 30
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-03
Client ID: CAN 1998 SHELF 30
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140

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

Lab Number: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-03
Client ID: CAN 1998 SHELF 30
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/25/22 19:21
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-03
Client ID: CAN 1998 SHELF 30
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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	0.100	--	ND	0.377	--		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	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-03
Client ID: CAN 1998 SHELF 30
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	92		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	92		60-140

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

Lab Number: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-04
Client ID: CAN 613 SHELF 32
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/25/22 19:59
Analyst: TS

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-04
Client ID: CAN 613 SHELF 32
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-04
Client ID: CAN 613 SHELF 32
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-04
Client ID: CAN 613 SHELF 32
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-04
Client ID: CAN 613 SHELF 32
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-04
Client ID: CAN 613 SHELF 32
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/25/22 19:59
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2239490
Report Date: 08/19/22

Air Canister Certification Results

Lab ID: L2239490-04
Client ID: CAN 613 SHELF 32
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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	0.100	--	ND	0.377	--		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	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2239490

Project Number: CANISTER QC BAT **Report Date:** 08/19/22

Air Canister Certification Results

Lab ID: L2239490-04
Client ID: CAN 613 SHELF 32
Sample Location:

Date Collected: 07/22/22 18:00
Date Received: 07/25/22
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								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2242461
Report Date: 08/19/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2242461-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2242461-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2242461-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	466 MAIN ST.	**Lab Number:**	L2242461
Project Number:	12587	**Report Date:**	08/19/22

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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.

Report Format: Data Usability Report

Project Name:	466 MAIN ST.	**Lab Number:**	L2242461
Project Number:	12587	**Report Date:**	08/19/22

Footnotes

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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.

Report Format: Data Usability Report

Project Name:	466 MAIN ST.	**Lab Number:**	L2242461
Project Number:	12587	**Report Date:**	08/19/22

Data Qualifiers

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

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, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; 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, SM9222D.**

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, EPA 537.1.

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

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

AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 8/9/22

ALPHA Job #: L2242461

Client Information

Client: SESI
Address: 959 Route 46E
Parsippany NJ
Phone: (973) 808-9050
Fax:
Email: Katherine.eldridge@sesi.org

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 466 Main St.
Project Location: New Rochelle
Project #: 12587
Project Manager: Katherine Eldridge
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: ASP-B EDD 4 File
(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 #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NY	DOH	Matrices

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

24.4L

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	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
42461-01	SV-1	8/6/22	1426	16.15	30.5	6.44	SG	JMoon	6L	2697	01443	X					
02	SV-2		1429	1556	30.6	6.41	SG	JMoon	6L	1945	0808	X					
03	AA-1		1428	1614	30.5	9.46	AA	JMoon	6L	16364	0102	X					

ANALYSIS

*SAMPLE MATRIX CODES

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

Container Type 6L

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.

Relinquished By:	Date/Time	Received By:	Date/Time:
MSMoon	08/08/22 1726	MSMoon	8/8/22 17:26
YG	8/8/22 1839 YG	GL AHL	8-8-22 2400
GL AHL	8/8/22		8/8/22 0020
	8/9/22 0335		8/9/22 0335

ANALYTICAL REPORT

Lab Number:	L2242491
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Katherine Eldridge
Phone:	(973) 808-9050
Project Name:	466 MAIN ST
Project Number:	12587
Report Date:	08/22/22

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

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

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

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2242491-01	TW-1	WATER	NEW ROCHELLE	08/06/22 12:00	08/06/22
L2242491-02	TW-2	WATER	NEW ROCHELLE	08/06/22 16:55	08/06/22
L2242491-03	MW-1	WATER	NEW ROCHELLE	08/06/22 15:45	08/06/22
L2242491-04	FB-1	WATER	NEW ROCHELLE	08/06/22 15:55	08/06/22

Project Name:	466 MAIN ST	**Lab Number:**	L2242491
Project Number:	12587	**Report Date:**	08/22/22

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:	466 MAIN ST	**Lab Number:**	L2242491
Project Number:	12587	**Report Date:**	08/22/22

Case Narrative (continued)

Report Submission

August 22, 2022: This final report includes the results of all requested analyses.

August 15, 2022: 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.

Sample Receipt

L2242491-04: A sample identified as "FB-1" was listed on the Chain of Custody, but not received. This was verified by the client.

Semivolatile Organics

The WG1675411-1 Method Blank, associated with L2242491-01 through -03, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

Perfluorinated Alkyl Acids by Isotope Dilution

L2242491-01 and WG1673102-3: The sample was centrifuged and decanted prior to extraction due to sample matrix.

L2242491-01, -02, WG1673102-3 and WG1673102-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2242491-02 and -03: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

Total Metals

The WG1672775-3 MS recoveries for calcium (60%), iron (0%), magnesium (140%) and sodium (240%), performed on L2242491-01, do not apply because the sample concentrations are greater than four times the

Project Name:	466 MAIN ST	**Lab Number:**	L2242491
Project Number:	12587	**Report Date:**	08/22/22

Case Narrative (continued)

spike amounts added.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/22/22

ORGANICS

VOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/09/22 20:48
Analyst: MV

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: 466 MAIN ST **Lab Number:** L2242491

Project Number: 12587 **Report Date:** 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01 Date Collected: 08/06/22 12:00

Client ID: TW-1 Date Received: 08/06/22

Sample Location: NEW ROCHELLE 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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 12:00
Date Received: 08/06/22
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	1.31	J	ug/l			1
Cyclotrisiloxane, Hexamethyl-	1.31	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 16:55
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/09/22 21:12
Analyst: MV

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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 16:55
Date Received: 08/06/22
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	3.1	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 16:55
Date Received: 08/06/22
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	1.32	J	ug/l			1
Unknown	1.32	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:45
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/09/22 21:36
Analyst: MV

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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 15:45
Date Received: 08/06/22
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 15:45
Date Received: 08/06/22
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	1.33	J	ug/l			1
Unknown	1.33	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/09/22 20:25
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1673714-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/09/22 20:25
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1673714-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/09/22 20:25
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1673714-5					
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			
Total TIC Compounds	1.32	J	ug/l
Cyclotrisiloxane, Hexamethyl-	1.32	NJ	ug/l

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/09/22 20:25
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1673714-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1673714-3 WG1673714-4								
Methylene chloride	91		89		70-130	2		20
1,1-Dichloroethane	87		86		70-130	1		20
Chloroform	92		90		70-130	2		20
Carbon tetrachloride	96		96		63-132	0		20
1,2-Dichloropropane	84		84		70-130	0		20
Dibromochloromethane	97		98		63-130	1		20
1,1,2-Trichloroethane	90		90		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	94		94		75-130	0		20
Trichlorofluoromethane	93		94		62-150	1		20
1,2-Dichloroethane	87		90		70-130	3		20
1,1,1-Trichloroethane	92		92		67-130	0		20
Bromodichloromethane	92		92		67-130	0		20
trans-1,3-Dichloropropene	91		93		70-130	2		20
cis-1,3-Dichloropropene	89		89		70-130	0		20
1,1-Dichloropropene	86		88		70-130	2		20
Bromoform	99		100		54-136	1		20
1,1,2,2-Tetrachloroethane	86		89		67-130	3		20
Benzene	88		88		70-130	0		20
Toluene	90		90		70-130	0		20
Ethylbenzene	91		90		70-130	1		20
Chloromethane	**50**	Q	**50**	Q	64-130	0		20
Bromomethane	47		48		39-139	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1673714-3 WG1673714-4								
Vinyl chloride	70		69		55-140	1		20
Chloroethane	78		82		55-138	5		20
1,1-Dichloroethene	90		91		61-145	1		20
trans-1,2-Dichloroethene	92		93		70-130	1		20
Trichloroethene	95		94		70-130	1		20
1,2-Dichlorobenzene	97		98		70-130	1		20
1,3-Dichlorobenzene	98		99		70-130	1		20
1,4-Dichlorobenzene	97		96		70-130	1		20
Methyl tert butyl ether	90		94		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		94		70-130	1		20
Dibromomethane	95		96		70-130	1		20
1,2,3-Trichloropropane	80		82		64-130	2		20
Acrylonitrile	83		85		70-130	2		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	81		81		36-147	0		20
Acetone	**56**	Q	74		58-148	**28**	Q	20
Carbon disulfide	86		85		51-130	1		20
2-Butanone	**57**	Q	66		63-138	15		20
Vinyl acetate	79		81		70-130	3		20
4-Methyl-2-pentanone	81		82		59-130	1		20
2-Hexanone	75		77		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1673714-3 WG1673714-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	100		99		63-133	1		20
1,2-Dibromoethane	96		98		70-130	2		20
1,3-Dichloropropane	89		90		70-130	1		20
1,1,1,2-Tetrachloroethane	96		98		64-130	2		20
Bromobenzene	97		99		70-130	2		20
n-Butylbenzene	93		92		53-136	1		20
sec-Butylbenzene	94		92		70-130	2		20
tert-Butylbenzene	95		95		70-130	0		20
o-Chlorotoluene	90		90		70-130	0		20
p-Chlorotoluene	91		92		70-130	1		20
1,2-Dibromo-3-chloropropane	96		98		41-144	2		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	93		93		70-130	0		20
p-Isopropyltoluene	98		96		70-130	2		20
Naphthalene	97		99		70-130	2		20
n-Propylbenzene	91		90		69-130	1		20
1,2,3-Trichlorobenzene	96		100		70-130	4		20
1,2,4-Trichlorobenzene	98		100		70-130	2		20
1,3,5-Trimethylbenzene	94		93		64-130	1		20
1,2,4-Trimethylbenzene	97		95		70-130	2		20
1,4-Dioxane	92		96		56-162	4		20
p-Diethylbenzene	99		97		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1673714-3 WG1673714-4								
p-Ethyltoluene	95		95		70-130	0		20
1,2,4,5-Tetramethylbenzene	98		96		70-130	2		20
Ethyl ether	91		92		59-134	1		20
trans-1,4-Dichloro-2-butene	88		91		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		95		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 08/14/22 18:21
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 19:00

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	ND		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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 12:00
Date Received: 08/06/22
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

Tentatively Identified Compounds						
Total TIC Compounds	4.22	J	ug/l			1
Unknown Alcohol	2.73	JB	ug/l			1
Unknown Alkane	1.49	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	79		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 08/15/22 15:36
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 15:09

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	0.02	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	0.03	J	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	0.01	J	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	0.02	J	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: 466 MAIN ST **Lab Number:** L2242491

Project Number: 12587 **Report Date:** 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01 Date Collected: 08/06/22 12:00

Client ID: TW-1 Date Received: 08/06/22

Sample Location: NEW ROCHELLE 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	82		21-120
Phenol-d6	82		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	102		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/13/22 01:54
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 08/09/22 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	30.5		ng/l	1.85	0.378	1
Perfluoropentanoic Acid (PFPeA)	20.8		ng/l	1.85	0.367	1
Perfluorobutanesulfonic Acid (PFBS)	25.1		ng/l	1.85	0.220	1
Perfluorohexanoic Acid (PFHxA)	24.3		ng/l	1.85	0.304	1
Perfluoroheptanoic Acid (PFHpA)	19.3		ng/l	1.85	0.209	1
Perfluorohexanesulfonic Acid (PFHxS)	8.36		ng/l	1.85	0.348	1
Perfluorooctanoic Acid (PFOA)	66.5		ng/l	1.85	0.219	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.85	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.85	0.638	1
Perfluorononanoic Acid (PFNA)	0.741	JF	ng/l	1.85	0.289	1
Perfluorooctanesulfonic Acid (PFOS)	10.6		ng/l	1.85	0.467	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.85	0.282	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.85	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.600	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.241	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.85	0.908	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.538	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.745	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.345	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.85	0.303	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.85	0.230	1
PFOA/PFOS, Total	77.1		ng/l	1.85	0.219	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
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)	93		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	79		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**169**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	137		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	67		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81		22-136

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:55
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 08/14/22 18:46
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 19:00

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	ND		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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 16:55
Date Received: 08/06/22
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	ND		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

Tentatively Identified Compounds						
Total TIC Compounds	4.40	J	ug/l			1
Unknown Alcohol	2.87	JB	ug/l			1
Unknown Alkane	1.53	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	81		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:55
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 08/15/22 15:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 19:04

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	0.02	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	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 16:55
Date Received: 08/06/22
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	84		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	96		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:55
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/13/22 02:27
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 08/09/22 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.45		ng/l	1.76	0.359	1
Perfluoropentanoic Acid (PFPeA)	3.70		ng/l	1.76	0.348	1
Perfluorobutanesulfonic Acid (PFBS)	3.88		ng/l	1.76	0.209	1
Perfluorohexanoic Acid (PFHxA)	4.32		ng/l	1.76	0.288	1
Perfluoroheptanoic Acid (PFHpA)	3.90		ng/l	1.76	0.198	1
Perfluorohexanesulfonic Acid (PFHxS)	1.21	JF	ng/l	1.76	0.330	1
Perfluorooctanoic Acid (PFOA)	12.8		ng/l	1.76	0.207	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.76	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.76	0.605	1
Perfluorononanoic Acid (PFNA)	0.967	JF	ng/l	1.76	0.274	1
Perfluorooctanesulfonic Acid (PFOS)	10.5		ng/l	1.76	0.443	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.76	0.267	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.76	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.76	0.570	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.76	0.228	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.76	0.861	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.76	0.707	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.76	0.327	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.76	0.288	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.76	0.218	1
PFOA/PFOS, Total	23.3		ng/l	1.76	0.207	1

Project Name: 466 MAIN ST **Lab Number:** L2242491

Project Number: 12587 **Report Date:** 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02 Date Collected: 08/06/22 16:55

Client ID: TW-2 Date Received: 08/06/22

Sample Location: 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)	75		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	65		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**153**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	45		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		22-136

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/14/22 03:57
Analyst: SG

Date Collected: 08/06/22 16:55
Date Received: 08/06/22
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 08/09/22 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.76	0.510	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	60		10-112

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:45
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 08/14/22 19:12
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 19:00

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	ND		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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 15:45
Date Received: 08/06/22
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	ND		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

Tentatively Identified Compounds						
Total TIC Compounds	4.40	J	ug/l			1
Unknown Alcohol	2.69	JB	ug/l			1
Unknown Alkane	1.71	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	79		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:45
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 08/15/22 16:08
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 19:04

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	0.04	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	0.11		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.13		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.27		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.08	J	ug/l	0.10	0.01	1
Chrysene	0.13		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.20		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.20		ug/l	0.10	0.01	1
Pyrene	0.03	J	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: 466 MAIN ST **Lab Number:** L2242491

Project Number: 12587 **Report Date:** 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03 Date Collected: 08/06/22 15:45

Client ID: MW-1 Date Received: 08/06/22

Sample Location: NEW ROCHELLE 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	77		21-120
Phenol-d6	72		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	103		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:45
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/13/22 03:00
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 08/09/22 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.41		ng/l	1.78	0.364	1
Perfluoropentanoic Acid (PFPeA)	10.6		ng/l	1.78	0.353	1
Perfluorobutanesulfonic Acid (PFBS)	6.09		ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	9.35		ng/l	1.78	0.293	1
Perfluoroheptanoic Acid (PFHpA)	4.48		ng/l	1.78	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	0.867	J	ng/l	1.78	0.336	1
Perfluorooctanoic Acid (PFOA)	11.2		ng/l	1.78	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.614	1
Perfluorononanoic Acid (PFNA)	1.64	J	ng/l	1.78	0.278	1
Perfluorooctanesulfonic Acid (PFOS)	14.0		ng/l	1.78	0.450	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.271	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.578	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.232	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.874	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.717	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.332	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.292	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.221	1
PFOA/PFOS, Total	25.2		ng/l	1.78	0.211	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE
Date Collected: 08/06/22 15:45
Date Received: 08/06/22
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)	70		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	78		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	64		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	69		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	67		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	124		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	71		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	77		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	121		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	42		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		22-136

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/14/22 04:05
Analyst: SG

Date Collected: 08/06/22 15:45
Date Received: 08/06/22
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 08/09/22 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.518	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	60		10-112

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-04
Client ID: FB-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:55
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/13/22 03:17
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 08/09/22 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.77	0.361	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.77	0.350	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.77	0.210	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.77	0.290	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.77	0.199	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.77	0.333	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.77	0.209	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.609	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.77	0.446	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.77	0.269	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.573	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.867	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.513	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.711	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.329	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.290	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.219	1
PFOA/PFOS, Total	ND		ng/l	1.77	0.209	1

Project Name: 466 MAIN ST **Lab Number:** L2242491

Project Number: 12587 **Report Date:** 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-04 Date Collected: 08/06/22 15:55

Client ID: FB-1 Date Received: 08/06/22

Sample Location: 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)	99		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	114		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	113		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	115		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	44		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	69		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		22-136

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/13/22 01:04
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 08/09/22 15:07

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1673102-1					
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)	ND		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)	0.904	J	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/13/22 01:04
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 08/09/22 15:07

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1673102-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	106		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	138		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	41		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	96		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		22-136

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 08/14/22 03:43
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 08/09/22 15:07

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1673102-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	60		10-112

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/14/22 15:45
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1675411-1					
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: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/14/22 15:45
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1675411-1					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/14/22 15:45
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1675411-1					
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	2.07	J	ug/l
Unknown Alcohol	2.07	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	48		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 08/12/22 16:34
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 15:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1675415-1					
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	0.03	J	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	0.02	J	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 08/12/22 16:34
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 08/11/22 15:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1675415-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		21-120
Phenol-d6	73		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	**125**	Q	10-120
4-Terphenyl-d14	95		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1673102-2								
Perfluorobutanoic Acid (PFBA)	110		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	110		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	111		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	108		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	124		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	122		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	124		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	113		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	122		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	120		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	128		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	112		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	139		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	106		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	115		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	116		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	121		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	127		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1673102-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	121				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	119				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	93				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	41				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	82				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77				22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01-04		Batch: WG1673102-2					
Perfluorooctanesulfonamide (FOSA)	114		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	61				10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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: WG1675411-2 WG1675411-3								
Acenaphthene	46		64		37-111	**33**	Q	30
1,2,4-Trichlorobenzene	43		61		39-98	**35**	Q	30
Hexachlorobenzene	50		68		40-140	**31**	Q	30
Bis(2-chloroethyl)ether	46		63		40-140	**31**	Q	30
2-Chloronaphthalene	45		66		40-140	**38**	Q	30
1,2-Dichlorobenzene	44		61		40-140	**32**	Q	30
1,3-Dichlorobenzene	44		61		40-140	**32**	Q	30
1,4-Dichlorobenzene	44		60		36-97	**31**	Q	30
3,3'-Dichlorobenzidine	**39**	Q	56		40-140	**36**	Q	30
2,4-Dinitrotoluene	55		78		48-143	**35**	Q	30
2,6-Dinitrotoluene	52		75		40-140	**36**	Q	30
Fluoranthene	44		64		40-140	**37**	Q	30
4-Chlorophenyl phenyl ether	49		66		40-140	30		30
4-Bromophenyl phenyl ether	48		70		40-140	**37**	Q	30
Bis(2-chloroisopropyl)ether	**35**	Q	48		40-140	**31**	Q	30
Bis(2-chloroethoxy)methane	45		63		40-140	**33**	Q	30
Hexachlorobutadiene	43		60		40-140	**33**	Q	30
Hexachlorocyclopentadiene	51		71		40-140	**33**	Q	30
Hexachloroethane	44		59		40-140	29		30
Isophorone	43		62		40-140	**36**	Q	30
Naphthalene	47		64		40-140	**31**	Q	30
Nitrobenzene	52		74		40-140	**35**	Q	30
NDPA/DPA	48		66		40-140	**32**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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: WG1675411-2 WG1675411-3								
n-Nitrosodi-n-propylamine	44		65		29-132	**39**	Q	30
Bis(2-ethylhexyl)phthalate	44		64		40-140	**37**	Q	30
Butyl benzyl phthalate	57		76		40-140	29		30
Di-n-butylphthalate	41		60		40-140	**38**	Q	30
Di-n-octylphthalate	50		68		40-140	**31**	Q	30
Diethyl phthalate	45		65		40-140	**36**	Q	30
Dimethyl phthalate	45		64		40-140	**35**	Q	30
Benzo(a)anthracene	48		70		40-140	**37**	Q	30
Benzo(a)pyrene	55		82		40-140	**39**	Q	30
Benzo(b)fluoranthene	54		78		40-140	**36**	Q	30
Benzo(k)fluoranthene	47		69		40-140	**38**	Q	30
Chrysene	45		65		40-140	**36**	Q	30
Acenaphthylene	48		68		45-123	**34**	Q	30
Anthracene	47		65		40-140	**32**	Q	30
Benzo(ghi)perylene	48		70		40-140	**37**	Q	30
Fluorene	46		65		40-140	**34**	Q	30
Phenanthrene	44		62		40-140	**34**	Q	30
Dibenzo(a,h)anthracene	46		72		40-140	**44**	Q	30
Indeno(1,2,3-cd)pyrene	55		87		40-140	**45**	Q	30
Pyrene	45		64		26-127	**35**	Q	30
Biphenyl	46		68		40-140	**39**	Q	30
4-Chloroaniline	**39**	Q	56		40-140	**36**	Q	30
2-Nitroaniline	56		80		52-143	**35**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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: WG1675411-2 WG1675411-3								
3-Nitroaniline	47		71		25-145	**41**	Q	30
4-Nitroaniline	**48**	Q	67		51-143	**33**	Q	30
Dibenzofuran	46		63		40-140	**31**	Q	30
2-Methylnaphthalene	46		64		40-140	**33**	Q	30
1,2,4,5-Tetrachlorobenzene	47		66		2-134	**34**	Q	30
Acetophenone	49		69		39-129	**34**	Q	30
2,4,6-Trichlorophenol	49		70		30-130	**35**	Q	30
p-Chloro-m-cresol	47		68		23-97	**37**	Q	30
2-Chlorophenol	47		65		27-123	**32**	Q	30
2,4-Dichlorophenol	47		68		30-130	**37**	Q	30
2,4-Dimethylphenol	46		67		30-130	**37**	Q	30
2-Nitrophenol	65		96		30-130	**39**	Q	30
4-Nitrophenol	39		54		10-80	**32**	Q	30
2,4-Dinitrophenol	54		73		20-130	30		30
4,6-Dinitro-o-cresol	63		89		20-164	**34**	Q	30
Pentachlorophenol	34		52		9-103	**42**	Q	30
Phenol	36		52		12-110	**36**	Q	30
2-Methylphenol	45		67		30-130	**39**	Q	30
3-Methylphenol/4-Methylphenol	49		72		30-130	**38**	Q	30
2,4,5-Trichlorophenol	50		70		30-130	**33**	Q	30
Benzoic Acid	52		53		10-164	2		30
Benzyl Alcohol	40		62		26-116	**43**	Q	30
Carbazole	**46**	Q	64		55-144	**33**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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: WG1675411-2 WG1675411-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		60		21-120
Phenol-d6	35		51		10-120
Nitrobenzene-d5	54		76		23-120
2-Fluorobiphenyl	45		67		15-120
2,4,6-Tribromophenol	55		76		10-120
4-Terphenyl-d14	48		66		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

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: WG1675415-2 WG1675415-3								
Acenaphthene	80		83		40-140	4		40
2-Chloronaphthalene	68		69		40-140	1		40
Fluoranthene	76		84		40-140	10		40
Hexachlorobutadiene	67		61		40-140	9		40
Naphthalene	72		70		40-140	3		40
Benzo(a)anthracene	86		88		40-140	2		40
Benzo(a)pyrene	76		79		40-140	4		40
Benzo(b)fluoranthene	84		90		40-140	7		40
Benzo(k)fluoranthene	83		85		40-140	2		40
Chrysene	87		90		40-140	3		40
Acenaphthylene	68		69		40-140	1		40
Anthracene	79		84		40-140	6		40
Benzo(ghi)perylene	88		91		40-140	3		40
Fluorene	81		85		40-140	5		40
Phenanthrene	79		84		40-140	6		40
Dibenzo(a,h)anthracene	93		95		40-140	2		40
Indeno(1,2,3-cd)pyrene	94		96		40-140	2		40
Pyrene	77		85		40-140	10		40
2-Methylnaphthalene	73		72		40-140	1		40
Pentachlorophenol	76		80		40-140	5		40
Hexachlorobenzene	87		88		40-140	1		40
Hexachloroethane	62		59		40-140	5		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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: WG1675415-2 WG1675415-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		74		21-120
Phenol-d6	66		67		10-120
Nitrobenzene-d5	95		92		23-120
2-Fluorobiphenyl	78		78		15-120
2,4,6-Tribromophenol	100		110		10-120
4-Terphenyl-d14	80		90		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1673102-3 QC Sample: L2242491-01 Client ID: TW-1												
Perfluorobutanoic Acid (PFBA)	30.5	36.9	70.9	109		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	20.8	36.9	61.0	109		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	25.1	32.8	60.6	108		-	-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	24.3	36.9	61.1	100		-	-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	19.3	36.9	58.8	107		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	8.36	33.7	51.8	129		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	66.5	36.9	112	123		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	35.1	40.0	114		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	35.2	36.6	104		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	0.741JF	36.9	38.6	103		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	10.6	34.2	51.5	119		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	ND	36.9	39.7	108		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35.4	39.6	112		-	-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.9	39.1	106		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	36.9	46.8	127		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.6	41.4	116		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	36.9	48.1	130		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.9	46.2	125		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	36.9	43.3	117		-	-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	36.9	43.9	119		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	36.9	46.1	125		-	-		59-182	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1673102-3 QC Sample: L2242491-01 Client ID: TW-1												

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	119				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**159**	Q			14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	59				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	86				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	91				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1673102-4 QC Sample: L2242491-02 Client ID: TW-2						
Perfluorobutanoic Acid (PFBA)	4.45	4.39	ng/l	1		30
Perfluoropentanoic Acid (PFPeA)	3.70	3.83	ng/l	3		30
Perfluorobutanesulfonic Acid (PFBS)	3.88	4.01	ng/l	3		30
Perfluorohexanoic Acid (PFHxA)	4.32	4.90	ng/l	13		30
Perfluoroheptanoic Acid (PFHpA)	3.90	3.79	ng/l	3		30
Perfluorohexanesulfonic Acid (PFHxS)	1.21JF	1.10J	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	12.8	13.9	ng/l	8		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	0.967JF	0.534J	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	10.5	10.5F	ng/l	0		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1673102-4 QC Sample: L2242491-02 Client ID: TW-2

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		71		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		78		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		92		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	65		64		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		71		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		99		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		69		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**153**	Q	**149**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		70		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		93		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		74		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		135		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	45		35		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74		78		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		44		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		69		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		66		22-136

PCBS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/14/22 12:23
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 08/13/22 03:52
Cleanup Method: EPA 3665A
Cleanup Date: 08/13/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:55
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/14/22 12:32
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 08/13/22 02:24
Cleanup Method: EPA 3665A
Cleanup Date: 08/13/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:45
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/14/22 12:41
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 08/13/22 02:24
Cleanup Method: EPA 3665A
Cleanup Date: 08/13/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/14/22 11:38
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 08/13/22 02:24
Cleanup Method: EPA 3665A
Cleanup Date: 08/13/22
Cleanup Method: EPA 3660B
Cleanup Date: 08/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1674812-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	106		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1674812-2 WG1674812-3									
Aroclor 1016	89		86		40-140	3		50	A
Aroclor 1260	87		87		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		88		30-150	A
Decachlorobiphenyl	96		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		87		30-150	B
Decachlorobiphenyl	104		100		30-150	B

PESTICIDES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/13/22 17:20
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 08/12/22 16:22
Cleanup Method: EPA 3660B
Cleanup Date: 08/13/22

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	A
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: 466 MAIN ST
Lab Number: L2242491
Project Number: 12587
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:55
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/13/22 17:31
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 08/12/22 16:22
Cleanup Method: EPA 3660B
Cleanup Date: 08/13/22

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	A
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: 466 MAIN ST
Lab Number: L2242491
Project Number: 12587
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:55
Date Received: 08/06/22
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	86		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:45
Date Received: 08/06/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/13/22 17:53
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 08/12/22 16:22
Cleanup Method: EPA 3660B
Cleanup Date: 08/13/22

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	A
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: 466 MAIN ST **Lab Number:** L2242491

Project Number: 12587 **Report Date:** 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03 Date Collected: 08/06/22 15:45

Client ID: MW-1 Date Received: 08/06/22

Sample Location: NEW ROCHELLE 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	81		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/13/22 16:47
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 08/12/22 16:22

Cleanup Method: EPA 3660B
Cleanup Date: 08/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1674717-1						
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		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
4,4'-DDT	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		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/13/22 16:47
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 08/12/22 16:22

Cleanup Method: EPA 3660B
Cleanup Date: 08/13/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1674717-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	97		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1674717-2 WG1674717-3									
Delta-BHC	68		71		30-150	3		20	A
Lindane	80		82		30-150	3		20	A
Alpha-BHC	85		89		30-150	4		20	A
Beta-BHC	77		79		30-150	3		20	A
Heptachlor	74		77		30-150	4		20	A
Aldrin	72		75		30-150	4		20	A
Heptachlor epoxide	77		79		30-150	3		20	A
Endrin	81		83		30-150	3		20	A
Endrin aldehyde	51		54		30-150	6		20	A
Endrin ketone	90		92		30-150	3		20	A
Dieldrin	85		89		30-150	4		20	A
4,4'-DDE	78		81		30-150	4		20	A
4,4'-DDD	89		92		30-150	4		20	A
4,4'-DDT	85		90		30-150	5		20	A
Endosulfan I	79		87		30-150	9		20	A
Endosulfan II	80		83		30-150	4		20	A
Endosulfan sulfate	80		84		30-150	4		20	A
Methoxychlor	89		100		30-150	12		20	A
cis-Chlordane	79		83		30-150	5		20	A
trans-Chlordane	96		104		30-150	8		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1674717-2 WG1674717-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		78		30-150	A
Decachlorobiphenyl	92		92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		83		30-150	B
Decachlorobiphenyl	91		93		30-150	B

METALS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE
Sample Depth:
Matrix: Water

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14.1		mg/l	0.0100	0.00327	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Antimony, Total	0.00121	J	mg/l	0.00400	0.00042	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Arsenic, Total	0.00108		mg/l	0.00050	0.00016	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Barium, Total	0.2378		mg/l	0.00050	0.00017	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Beryllium, Total	0.00044	J	mg/l	0.00050	0.00010	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Cadmium, Total	0.00011	J	mg/l	0.00020	0.00005	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Calcium, Total	202.		mg/l	0.100	0.0394	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Chromium, Total	0.03719		mg/l	0.00100	0.00017	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Cobalt, Total	0.01882		mg/l	0.00050	0.00016	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Copper, Total	0.03154		mg/l	0.00100	0.00038	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Iron, Total	28.7		mg/l	0.0500	0.0191	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Lead, Total	0.00714		mg/l	0.00100	0.00034	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Magnesium, Total	102.		mg/l	0.0700	0.0242	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Manganese, Total	0.9475		mg/l	0.00100	0.00044	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/09/22 03:44	08/10/22 11:47	EPA 7470A	1,7470A	DMB
Nickel, Total	0.03784		mg/l	0.00200	0.00055	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Potassium, Total	14.2		mg/l	0.100	0.0309	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Selenium, Total	0.0146		mg/l	0.00500	0.00173	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Silver, Total	0.00023	J	mg/l	0.00040	0.00016	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Sodium, Total	314.		mg/l	0.100	0.0293	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Thallium, Total	0.00049	J	mg/l	0.00100	0.00014	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Vanadium, Total	0.04032		mg/l	0.00500	0.00157	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP
Zinc, Total	0.05490		mg/l	0.01000	0.00341	1	08/09/22 01:24	08/09/22 18:05	EPA 3005A	1,6020B	WP

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE
Sample Depth:
Matrix: Water

Date Collected: 08/06/22 16:55
Date Received: 08/06/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10.1		mg/l	0.0100	0.00327	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Arsenic, Total	0.00070		mg/l	0.00050	0.00016	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Barium, Total	0.1970		mg/l	0.00050	0.00017	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Beryllium, Total	0.00029	J	mg/l	0.00050	0.00010	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Calcium, Total	74.6		mg/l	0.100	0.0394	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Chromium, Total	0.02509		mg/l	0.00100	0.00017	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Cobalt, Total	0.01116		mg/l	0.00050	0.00016	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Copper, Total	0.02494		mg/l	0.00100	0.00038	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Iron, Total	18.8		mg/l	0.0500	0.0191	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Lead, Total	0.00425		mg/l	0.00100	0.00034	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Magnesium, Total	30.7		mg/l	0.0700	0.0242	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Manganese, Total	0.8536		mg/l	0.00100	0.00044	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/09/22 03:44	08/10/22 11:03	EPA 7470A	1,7470A	DMB
Nickel, Total	0.02617		mg/l	0.00200	0.00055	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Potassium, Total	10.7		mg/l	0.100	0.0309	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Selenium, Total	0.00939		mg/l	0.00500	0.00173	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Sodium, Total	124.		mg/l	0.100	0.0293	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Thallium, Total	0.00025	J	mg/l	0.00100	0.00014	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Vanadium, Total	0.02477		mg/l	0.00500	0.00157	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP
Zinc, Total	0.03032		mg/l	0.01000	0.00341	1	08/09/22 01:24	08/09/22 19:24	EPA 3005A	1,6020B	WP

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE
Sample Depth:
Matrix: Water

Date Collected: 08/06/22 15:45
Date Received: 08/06/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.29		mg/l	0.0100	0.00327	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Arsenic, Total	0.00079		mg/l	0.00050	0.00016	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Barium, Total	0.1630		mg/l	0.00050	0.00017	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Calcium, Total	84.3		mg/l	0.100	0.0394	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Chromium, Total	0.01309		mg/l	0.00100	0.00017	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Cobalt, Total	0.00547		mg/l	0.00050	0.00016	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Copper, Total	0.00807		mg/l	0.00100	0.00038	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Iron, Total	4.96		mg/l	0.0500	0.0191	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Lead, Total	0.00276		mg/l	0.00100	0.00034	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Magnesium, Total	46.3		mg/l	0.0700	0.0242	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Manganese, Total	1.127		mg/l	0.00100	0.00044	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/09/22 03:44	08/10/22 11:50	EPA 7470A	1,7470A	DMB
Nickel, Total	0.01102		mg/l	0.00200	0.00055	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Potassium, Total	14.6		mg/l	0.100	0.0309	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Selenium, Total	0.00515		mg/l	0.00500	0.00173	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Sodium, Total	124.		mg/l	0.100	0.0293	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Vanadium, Total	0.00846		mg/l	0.00500	0.00157	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP
Zinc, Total	0.00787	J	mg/l	0.01000	0.00341	1	08/09/22 01:24	08/09/22 19:29	EPA 3005A	1,6020B	WP

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

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): 01-03 Batch: WG1672485-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/09/22 03:44	08/10/22 10:56	1,7470A	DMB

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: WG1672775-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Barium, Total	ND		mg/l	0.00050	0.00017	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Calcium, Total	ND		mg/l	0.100	0.0394	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Iron, Total	ND		mg/l	0.0500	0.0191	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Potassium, Total	ND		mg/l	0.100	0.0309	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Sodium, Total	ND		mg/l	0.100	0.0293	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Thallium, Total	0.00020	J	mg/l	0.00100	0.00014	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/09/22 01:24	08/09/22 17:37	1,6020B	WP

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1672485-2								
Mercury, Total	101		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1672775-2					
Aluminum, Total	94	-	80-120	-	
Antimony, Total	80	-	80-120	-	
Arsenic, Total	100	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	110	-	80-120	-	
Cadmium, Total	101	-	80-120	-	
Calcium, Total	89	-	80-120	-	
Chromium, Total	94	-	80-120	-	
Cobalt, Total	94	-	80-120	-	
Copper, Total	95	-	80-120	-	
Iron, Total	97	-	80-120	-	
Lead, Total	100	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	97	-	80-120	-	
Nickel, Total	93	-	80-120	-	
Potassium, Total	96	-	80-120	-	
Selenium, Total	106	-	80-120	-	
Silver, Total	101	-	80-120	-	
Sodium, Total	96	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1672775-2					
Zinc, Total	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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): 01-03 QC Batch ID: WG1672485-3 QC Sample: L2242491-02 Client ID: TW-2												
Mercury, Total	ND	0.005	0.00481	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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: WG1672775-3 QC Sample: L2242491-01 Client ID: TW-1										
Aluminum, Total	14.1	2	15.9	90		-	-	75-125	-	20
Antimony, Total	0.00121J	0.5	0.4278	86		-	-	75-125	-	20
Arsenic, Total	0.00108	0.12	0.1080	89		-	-	75-125	-	20
Barium, Total	0.2378	2	2.172	97		-	-	75-125	-	20
Beryllium, Total	0.00044J	0.05	0.05472	109		-	-	75-125	-	20
Cadmium, Total	0.00011J	0.053	0.05402	102		-	-	75-125	-	20
Calcium, Total	202.	10	208	**60**	Q	-	-	75-125	-	20
Chromium, Total	0.03719	0.2	0.2318	97		-	-	75-125	-	20
Cobalt, Total	0.01882	0.5	0.4898	94		-	-	75-125	-	20
Copper, Total	0.03154	0.25	0.2678	94		-	-	75-125	-	20
Iron, Total	28.7	1	25.9	**0**	Q	-	-	75-125	-	20
Lead, Total	0.00714	0.53	0.5315	99		-	-	75-125	-	20
Magnesium, Total	102.	10	116	**140**	Q	-	-	75-125	-	20
Manganese, Total	0.9475	0.5	1.386	88		-	-	75-125	-	20
Nickel, Total	0.03784	0.5	0.5054	94		-	-	75-125	-	20
Potassium, Total	14.2	10	22.9	87		-	-	75-125	-	20
Selenium, Total	0.0146	0.12	0.128	94		-	-	75-125	-	20
Silver, Total	0.00023J	0.05	0.05120	102		-	-	75-125	-	20
Sodium, Total	314.	10	338	**240**	Q	-	-	75-125	-	20
Thallium, Total	0.00049J	0.12	0.1178	98		-	-	75-125	-	20
Vanadium, Total	0.04032	0.5	0.5199	96		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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: WG1672775-3 QC Sample: L2242491-01 Client ID: TW-1									
Zinc, Total	0.05490	0.5	0.5153	92	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1672485-4 QC Sample: L2242491-02 Client ID: TW-2						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1672775-4 QC Sample: L2242491-01 Client ID: TW-1					
Aluminum, Total	14.1	14.0	mg/l	1	20
Antimony, Total	0.00121J	0.00243J	mg/l	NC	20
Arsenic, Total	0.00108	0.00097	mg/l	11	20
Barium, Total	0.2378	0.2337	mg/l	2	20
Beryllium, Total	0.00044J	0.00041J	mg/l	NC	20
Cadmium, Total	0.00011J	0.00009J	mg/l	NC	20
Calcium, Total	202.	200	mg/l	1	20
Chromium, Total	0.03719	0.03606	mg/l	3	20
Cobalt, Total	0.01882	0.01806	mg/l	4	20
Copper, Total	0.03154	0.03072	mg/l	3	20
Iron, Total	28.7	27.9	mg/l	3	20
Lead, Total	0.00714	0.00701	mg/l	2	20
Magnesium, Total	102.	105	mg/l	3	20
Manganese, Total	0.9475	0.9086	mg/l	4	20
Nickel, Total	0.03784	0.03756	mg/l	1	20
Potassium, Total	14.2	13.9	mg/l	2	20
Selenium, Total	0.0146	0.0131	mg/l	11	20
Silver, Total	0.00023J	0.00027J	mg/l	NC	20
Sodium, Total	314.	310	mg/l	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1672775-4 QC Sample: L2242491-01 Client ID: TW-1					
Thallium, Total	0.00049J	0.00083J	mg/l	NC	20
Vanadium, Total	0.04032	0.04068	mg/l	1	20
Zinc, Total	0.05490	0.05318	mg/l	3	20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2242491
Report Date: 08/22/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1672775-6 QC Sample: L2242491-01 Client ID: TW-1						
Aluminum, Total	14.1	14.1	mg/l	0		20
Barium, Total	0.2378	0.2387	mg/l	0		20
Calcium, Total	202.	207.	mg/l	2		20
Chromium, Total	0.03719	0.03708	mg/l	0		20
Cobalt, Total	0.01882	0.01909	mg/l	1		20
Copper, Total	0.03154	0.03114	mg/l	1		20
Iron, Total	28.7	27.9	mg/l	3		20
Magnesium, Total	102.	106.	mg/l	4		20
Manganese, Total	0.9475	0.9523	mg/l	1		20
Potassium, Total	14.2	14.5	mg/l	2		20
Sodium, Total	314.	317.	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-01
Client ID: TW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 12:00
Date Received: 08/06/22
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	08/11/22 02:45	08/11/22 11:48	1,9010C/9012B	CS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-02
Client ID: TW-2
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 16:55
Date Received: 08/06/22
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	08/11/22 02:45	08/11/22 11:51	1,9010C/9012B	CS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

SAMPLE RESULTS

Lab ID: L2242491-03
Client ID: MW-1
Sample Location: NEW ROCHELLE

Date Collected: 08/06/22 15:45
Date Received: 08/06/22
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	08/11/22 02:45	08/11/22 11:52	1,9010C/9012B	CS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2242491
Report Date: 08/22/22

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: WG1673814-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	08/11/22 02:45	08/11/22 11:44	1,9010C/9012B	CS

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2242491

Report Date: 08/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1673814-2 WG1673814-3								
Cyanide, Total	90		91		85-115	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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: WG1673814-4 WG1673814-5 QC Sample: L2242491-01 Client ID: TW-1												
Cyanide, Total	ND	0.2	0.186	93		0.170	85		80-120	9		20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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(*)
L2242491-01A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2242491-01B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2242491-01C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2242491-01D	Plastic 250ml HNO3 preserved	A	<2	<2	4.6	Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2242491-01E	Plastic 250ml NaOH preserved	A	>12	>12	4.6	Y	Absent		TCN-9010(14)
L2242491-01F	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2242491-01G	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2242491-01H	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2242491-01I	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2242491-01J	Amber 250ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2242491-01K	Amber 250ml unpreserved	A	7	7	4.6	Y	Absent		HOLD-1,4DIOX(7)
L2242491-01L	Plastic 250ml unpreserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2242491-01M	Plastic 250ml unpreserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2242491-02A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2242491-02B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2242491-02C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2242491-02D	Plastic 250ml HNO3 preserved	A	<2	<2	4.6	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2242491-02E	Plastic 250ml NaOH preserved	A	>12	>12	4.6	Y	Absent		TCN-9010(14)
L2242491-02F	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2242491-02G	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2242491-02H	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2242491-02I	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2242491-02J	Amber 250ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2242491-02K	Amber 250ml unpreserved	A	7	7	4.6	Y	Absent		HOLD-1,4DIOX(7)
L2242491-02L	Plastic 250ml unpreserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2242491-02M	Plastic 250ml unpreserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2242491-03A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2242491-03B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2242491-03C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2242491-03D	Plastic 250ml HNO3 preserved	A	<2	<2	4.6	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2242491-03E	Plastic 250ml NaOH preserved	A	>12	>12	4.6	Y	Absent		TCN-9010(14)
L2242491-03F	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2242491-03G	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2242491-03H	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2242491-03I	Amber 120ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2242491-03J	Amber 250ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2242491-03K	Amber 250ml unpreserved	A	7	7	4.6	Y	Absent		HOLD-1,4DIOX(7)
L2242491-03L	Plastic 250ml unpreserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2242491-03M	Plastic 250ml unpreserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2242491-04A	Plastic 250ml unpreserved	A	NA		4.6	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2242491
Report Date: 08/22/22

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
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	466 MAIN ST	**Lab Number:**	L2242491
Project Number:	12587	**Report Date:**	08/22/22

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.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2242491
Project Number:	12587	**Report Date:**	08/22/22

Footnotes

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2242491
Project Number:	12587	**Report Date:**	08/22/22

Data Qualifiers

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	466 MAIN ST	**Lab Number:**	L2242491
Project Number:	12587	**Report Date:**	08/22/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; 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, SM9222D.**

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, EPA 537.1.

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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: 8/7/22

ALPHA Job #: L2212491

Client Information
Client: SESI
Address: 959 Route 46 E
Parsippany NJ
Phone: (973) 808 9050
Fax:
Email: Katherine.elbridge@sesi.org

Project Information
Project Name: 466 Main St
Project Location: New Rochelle
Project #: 12587
(Use Project name as Project #) ☐
Project Manager: Katherine Elbridge
ALPHAQuote #:

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other ☒ NY EQuIS EDD

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:

ANALYSIS
TAL/TCL+3D | PFAS | 1,4 Dioxane

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	TAL/TCL+3D	PFAS	1,4 Dioxane	Sample Specific Comments	Total Bottle
42491-01	TW-1	08/06/22	1200	GW	CC	X	X		Hold Dioxane	13
02	TW-2	↓	1655	↓	↓	X	X		↓	↓
03	MW-1	↓	1545	↓	↓	X	X		↓	↓
04	FB-1	↓	1555		↓	X	X	X	↓	1

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	AGV	AGV	APV							
Preservative	B C	/	/							

Relinquished By:	Date/Time	Received By:	Date/Time
	8/6/22 1725	MSM (mail)	8/6/22 1726
MSM (mail)	8/7/22 16:39	MSM (mail)	8/7/22 05:39
MSM (mail)	8/7/22 0952	Courier	8/7/22 0952

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2304933
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	466 MAIN ST.
Project Number:	12587
Report Date:	02/03/23

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

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

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

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2304933
Report Date: 02/03/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2304933-01	SV-201	SOIL_VAPOR	NEW ROCHELLE, NY	01/28/23 11:49	01/28/23
L2304933-02	SV-202	SOIL_VAPOR	NEW ROCHELLE, NY	01/28/23 11:52	01/28/23

Project Name:	466 MAIN ST.	**Lab Number:**	L2304933
Project Number:	12587	**Report Date:**	02/03/23

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:	466 MAIN ST.	**Lab Number:**	L2304933
Project Number:	12587	**Report Date:**	02/03/23

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 27, 2023. The canister certification results are provided as an addendum.

L2304933-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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: 02/03/23

AIR

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2304933
Report Date: 02/03/23

SAMPLE RESULTS

Lab ID: L2304933-01
Client ID: SV-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:49
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/02/23 23:46
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.419	0.200	--	2.07	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	1.78	0.200	--	3.94	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	18.4	5.00	--	34.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	14.8	1.00	--	35.2	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.40	0.500	--	3.44	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.877	0.500	--	2.66	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.830	0.200	--	2.58	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	8.18	0.500	--	24.1	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2304933
Report Date: 02/03/23

SAMPLE RESULTS

Lab ID: L2304933-01
Client ID: SV-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:49
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	1.41	0.500	--	5.08	1.80	--		1
Chloroform	0.391	0.200	--	1.91	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	35.0	0.200	--	123	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.48	0.200	--	4.73	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.605	0.200	--	2.08	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	9.12	0.200	--	37.4	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	14.9	0.200	--	56.2	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	1.03	0.200	--	6.98	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	40.5	0.200	--	176	0.869	--		1

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2304933
Report Date: 02/03/23

SAMPLE RESULTS

Lab ID: L2304933-01
Client ID: SV-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:49
Date Received: 01/28/23
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								
p/m-Xylene	126	0.400	--	547	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	34.8	0.200	--	151	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	0.482	0.200	--	2.37	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	96		60-140
chlorobenzene-d5	102		60-140

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2304933
Report Date: 02/03/23

SAMPLE RESULTS

Lab ID: L2304933-02 D
Client ID: SV-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:52
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/03/23 01:02
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.476	--	ND	2.35	--		2.381
Chloromethane	ND	0.476	--	ND	0.983	--		2.381
Freon-114	ND	0.476	--	ND	3.33	--		2.381
Vinyl chloride	ND	0.476	--	ND	1.22	--		2.381
1,3-Butadiene	ND	0.476	--	ND	1.05	--		2.381
Bromomethane	ND	0.476	--	ND	1.85	--		2.381
Chloroethane	ND	0.476	--	ND	1.26	--		2.381
Ethanol	49.2	11.9	--	92.7	22.4	--		2.381
Vinyl bromide	ND	0.476	--	ND	2.08	--		2.381
Acetone	21.9	2.38	--	52.0	5.65	--		2.381
Trichlorofluoromethane	ND	0.476	--	ND	2.67	--		2.381
Isopropanol	3.47	1.19	--	8.53	2.93	--		2.381
1,1-Dichloroethene	ND	0.476	--	ND	1.89	--		2.381
Tertiary butyl Alcohol	ND	1.19	--	ND	3.61	--		2.381
Methylene chloride	ND	1.19	--	ND	4.13	--		2.381
3-Chloropropene	ND	0.476	--	ND	1.49	--		2.381
Carbon disulfide	ND	0.476	--	ND	1.48	--		2.381
Freon-113	ND	0.476	--	ND	3.65	--		2.381
trans-1,2-Dichloroethene	ND	0.476	--	ND	1.89	--		2.381
1,1-Dichloroethane	ND	0.476	--	ND	1.93	--		2.381
Methyl tert butyl ether	ND	0.476	--	ND	1.72	--		2.381
2-Butanone	19.3	1.19	--	56.9	3.51	--		2.381
cis-1,2-Dichloroethene	ND	0.476	--	ND	1.89	--		2.381

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2304933
Report Date: 02/03/23

SAMPLE RESULTS

Lab ID: L2304933-02 D
Client ID: SV-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:52
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	4.95	1.19	--	17.8	4.29	--		2.381
Chloroform	ND	0.476	--	ND	2.32	--		2.381
Tetrahydrofuran	ND	1.19	--	ND	3.51	--		2.381
1,2-Dichloroethane	ND	0.476	--	ND	1.93	--		2.381
n-Hexane	2.02	0.476	--	7.12	1.68	--		2.381
1,1,1-Trichloroethane	ND	0.476	--	ND	2.60	--		2.381
Benzene	ND	0.476	--	ND	1.52	--		2.381
Carbon tetrachloride	ND	0.476	--	ND	2.99	--		2.381
Cyclohexane	0.478	0.476	--	1.65	1.64	--		2.381
1,2-Dichloropropane	ND	0.476	--	ND	2.20	--		2.381
Bromodichloromethane	ND	0.476	--	ND	3.19	--		2.381
1,4-Dioxane	ND	0.476	--	ND	1.72	--		2.381
Trichloroethene	ND	0.476	--	ND	2.56	--		2.381
2,2,4-Trimethylpentane	ND	0.476	--	ND	2.22	--		2.381
Heptane	2.19	0.476	--	8.97	1.95	--		2.381
cis-1,3-Dichloropropene	ND	0.476	--	ND	2.16	--		2.381
4-Methyl-2-pentanone	ND	1.19	--	ND	4.88	--		2.381
trans-1,3-Dichloropropene	ND	0.476	--	ND	2.16	--		2.381
1,1,2-Trichloroethane	ND	0.476	--	ND	2.60	--		2.381
Toluene	17.4	0.476	--	65.6	1.79	--		2.381
2-Hexanone	ND	0.476	--	ND	1.95	--		2.381
Dibromochloromethane	ND	0.476	--	ND	4.06	--		2.381
1,2-Dibromoethane	ND	0.476	--	ND	3.66	--		2.381
Tetrachloroethene	1.19	0.476	--	8.07	3.23	--		2.381
Chlorobenzene	ND	0.476	--	ND	2.19	--		2.381
Ethylbenzene	93.2	0.476	--	405	2.07	--		2.381

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2304933
Report Date: 02/03/23

SAMPLE RESULTS

Lab ID: L2304933-02 D
Client ID: SV-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:52
Date Received: 01/28/23
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								
p/m-Xylene	286	0.952	--	1240	4.14	--		2.381
Bromoform	ND	0.476	--	ND	4.92	--		2.381
Styrene	ND	0.476	--	ND	2.03	--		2.381
1,1,2,2-Tetrachloroethane	ND	0.476	--	ND	3.27	--		2.381
o-Xylene	77.6	0.476	--	337	2.07	--		2.381
4-Ethyltoluene	ND	0.476	--	ND	2.34	--		2.381
1,3,5-Trimethylbenzene	ND	0.476	--	ND	2.34	--		2.381
1,2,4-Trimethylbenzene	0.574	0.476	--	2.82	2.34	--		2.381
Benzyl chloride	ND	0.476	--	ND	2.46	--		2.381
1,3-Dichlorobenzene	ND	0.476	--	ND	2.86	--		2.381
1,4-Dichlorobenzene	ND	0.476	--	ND	2.86	--		2.381
1,2-Dichlorobenzene	ND	0.476	--	ND	2.86	--		2.381
1,2,4-Trichlorobenzene	ND	0.476	--	ND	3.53	--		2.381
Hexachlorobutadiene	ND	0.476	--	ND	5.08	--		2.381

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	97		60-140

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2304933
Report Date: 02/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/02/23 19:12

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): 01-02 Batch: WG1740291-4								
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
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

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2304933
Report Date: 02/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/02/23 19:12

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): 01-02 Batch: WG1740291-4								
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
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2304933
Report Date: 02/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/02/23 19:12

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): 01-02 Batch: WG1740291-4								
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: 466 MAIN ST.
Project Number: 12587

Lab Number: L2304933
Report Date: 02/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1740291-3								
Dichlorodifluoromethane	86		-		70-130	-		
Chloromethane	90		-		70-130	-		
Freon-114	90		-		70-130	-		
Vinyl chloride	88		-		70-130	-		
1,3-Butadiene	92		-		70-130	-		
Bromomethane	91		-		70-130	-		
Chloroethane	102		-		70-130	-		
Ethanol	75		-		40-160	-		
Vinyl bromide	85		-		70-130	-		
Acetone	70		-		40-160	-		
Trichlorofluoromethane	79		-		70-130	-		
Isopropanol	72		-		40-160	-		
1,1-Dichloroethene	83		-		70-130	-		
Tertiary butyl Alcohol	72		-		70-130	-		
Methylene chloride	83		-		70-130	-		
3-Chloropropene	87		-		70-130	-		
Carbon disulfide	76		-		70-130	-		
Freon-113	91		-		70-130	-		
trans-1,2-Dichloroethene	89		-		70-130	-		
1,1-Dichloroethane	93		-		70-130	-		
Methyl tert butyl ether	88		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2304933

Report Date: 02/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1740291-3								
Ethyl Acetate	93		-		70-130	-		
Chloroform	96		-		70-130	-		
Tetrahydrofuran	91		-		70-130	-		
1,2-Dichloroethane	82		-		70-130	-		
n-Hexane	95		-		70-130	-		
1,1,1-Trichloroethane	88		-		70-130	-		
Benzene	90		-		70-130	-		
Carbon tetrachloride	90		-		70-130	-		
Cyclohexane	96		-		70-130	-		
1,2-Dichloropropane	95		-		70-130	-		
Bromodichloromethane	92		-		70-130	-		
1,4-Dioxane	96		-		70-130	-		
Trichloroethene	94		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Heptane	96		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	93		-		70-130	-		
trans-1,3-Dichloropropene	82		-		70-130	-		
1,1,2-Trichloroethane	97		-		70-130	-		
Toluene	93		-		70-130	-		
2-Hexanone	93		-		70-130	-		
Dibromochloromethane	100		-		70-130	-		
1,2-Dibromoethane	98		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2304933

Report Date: 02/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1740291-3								
Tetrachloroethene	96		-		70-130	-		
Chlorobenzene	98		-		70-130	-		
Ethylbenzene	105		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	104		-		70-130	-		
Styrene	106		-		70-130	-		
1,1,2,2-Tetrachloroethane	99		-		70-130	-		
o-Xylene	107		-		70-130	-		
4-Ethyltoluene	102		-		70-130	-		
1,3,5-Trimethylbenzene	96		-		70-130	-		
1,2,4-Trimethylbenzene	97		-		70-130	-		
Benzyl chloride	92		-		70-130	-		
1,3-Dichlorobenzene	107		-		70-130	-		
1,4-Dichlorobenzene	108		-		70-130	-		
1,2-Dichlorobenzene	100		-		70-130	-		
1,2,4-Trichlorobenzene	89		-		70-130	-		
Hexachlorobutadiene	89		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2304933
Report Date: 02/03/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1740291-5 QC Sample: L2304933-01 Client ID: SV-201						
Dichlorodifluoromethane	0.419	0.404	ppbV	4		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	1.78	1.67	ppbV	6		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	18.4	18.3	ppbV	1		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	14.8	15.4	ppbV	4		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	1.40	1.48	ppbV	6		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	0.877	0.905	ppbV	3		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.830	0.825	ppbV	1		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

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2304933
Report Date: 02/03/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1740291-5 QC Sample: L2304933-01 Client ID: SV-201						
2-Butanone	8.18	8.30	ppbV	1		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	1.41	1.44	ppbV	2		25
Chloroform	0.391	0.402	ppbV	3		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	35.0	34.2	ppbV	2		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	1.48	1.48	ppbV	0		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	0.605	0.615	ppbV	2		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	9.12	9.04	ppbV	1		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

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2304933
Report Date: 02/03/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1740291-5 QC Sample: L2304933-01 Client ID: SV-201						
Toluene	14.9	14.9	ppbV	0		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	1.03	1.02	ppbV	1		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	40.5	40.6	ppbV	0		25
p/m-Xylene	126	126	ppbV	0		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	34.8	34.8	ppbV	0		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.482	0.497	ppbV	3		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

Project Name: 466 MAIN ST.

Lab Number: L2304933

Project Number: 12587

Report Date: 02/03/23

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
L2304933-01	SV-201	0996	SV200	01/27/23	413204		-	-	-	Pass	220	213	3
L2304933-01	SV-201	3402	2.7L Can	01/27/23	413204	L2303722-01	Pass	-29.7	-7.1	-	-	-	-
L2304933-02	SV-202	0703	SV200	01/27/23	413204		-	-	-	Pass	216	217	0
L2304933-02	SV-202	2236	2.7L Can	01/27/23	413204	L2303722-01	Pass	-29.7	-5.9	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2303722
Report Date: 02/03/23

Air Canister Certification Results

Lab ID: L2303722-01
Client ID: CAN 3932 SHELF 7
Sample Location:

Date Collected: 01/21/23 15:00
Date Received: 01/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/23/23 22:13
Analyst: NFL

	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: L2303722
Report Date: 02/03/23

Air Canister Certification Results

Lab ID: L2303722-01
Client ID: CAN 3932 SHELF 7
Sample Location:

Date Collected: 01/21/23 15:00
Date Received: 01/23/23
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
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		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: L2303722
Report Date: 02/03/23

Air Canister Certification Results

Lab ID: L2303722-01
Client ID: CAN 3932 SHELF 7
Sample Location:

Date Collected: 01/21/23 15:00
Date Received: 01/23/23
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: L2303722
Report Date: 02/03/23

Air Canister Certification Results

Lab ID: L2303722-01
Client ID: CAN 3932 SHELF 7
Sample Location:

Date Collected: 01/21/23 15:00
Date Received: 01/23/23
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
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2303722
Report Date: 02/03/23

Air Canister Certification Results

Lab ID: L2303722-01
Client ID: CAN 3932 SHELF 7
Sample Location:

Date Collected: 01/21/23 15:00
Date Received: 01/23/23
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								
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2303722
Report Date: 02/03/23

Air Canister Certification Results

Lab ID: L2303722-01
Client ID: CAN 3932 SHELF 7
Sample Location:

Date Collected: 01/21/23 15:00
Date Received: 01/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/23/23 22:13
Analyst: NFL

	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
Acrolein	ND	0.050	--	ND	0.115	--		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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2303722
Report Date: 02/03/23

Air Canister Certification Results

Lab ID: L2303722-01
Client ID: CAN 3932 SHELF 7
Sample Location:

Date Collected: 01/21/23 15:00
Date Received: 01/23/23
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								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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	0.100	--	ND	0.377	--		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	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2303722
Report Date: 02/03/23

Air Canister Certification Results

Lab ID: L2303722-01
Client ID: CAN 3932 SHELF 7
Sample Location:

Date Collected: 01/21/23 15:00
Date Received: 01/23/23
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								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	88		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	94		60-140

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2304933
Report Date: 02/03/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304933-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2304933-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	466 MAIN ST.	**Lab Number:**	L2304933
Project Number:	12587	**Report Date:**	02/03/23

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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.

Report Format: Data Usability Report

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Footnotes

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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.

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Data Qualifiers

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name:	466 MAIN ST.	**Lab Number:**	L2304933
Project Number:	12587	**Report Date:**	02/03/23

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, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; 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, SM9222D.**

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, EPA 537.1.

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

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

AIR ANALYSIS

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: 1/31/23

ALPHA Job #: L2304933

Client Information

Client: SESI
Address: 959 US 46 East Ste 300
Parsippany, NJ
Phone:
Fax:
Email: James.vandervliet@sesi.org

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 466 Main St.
Project Location: New Rochelle, NY
Project #: 12587
Project Manager: James VanderVliet
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

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

Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

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	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subject Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
04933-01	SV-201	1/28/23	11:40	11:49	30.21	6.75	SV	JL	2.7	3402	0996	✓					You're doing Great!
-02	SV-202	↓	11:43	11:52	29.63	6.82	SV	JL	2.7	2256	0703	✓					

*SAMPLE MATRIX CODES

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

Container Type

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.

Relinquished By:	Date/Time	Received By:	Date/Time:
[illegible]	1/28/23 1630	[illegible]	1/28/23 1630
[illegible]	1/29/23 1819	[illegible]	1/30/23 2030
Paul Massella	1/30/23	Paul Massella	1/31/23 0030
[illegible]	1/31/23 0420	[illegible]	1/31/23 04:20

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

ANALYTICAL REPORT

Lab Number:	L2305142
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	466 MAIN ST.
Project Number:	12587
Report Date:	02/17/23

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

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

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

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2305142-01	SB-201 (4-4.5)	SOIL	NEW ROCHELLE, NY	01/28/23 10:00	01/28/23
L2305142-02	SB-202 (1.5-2)	SOIL	NEW ROCHELLE, NY	01/28/23 10:05	01/28/23
L2305142-03	SB-203 (3.5-4)	SOIL	NEW ROCHELLE, NY	01/28/23 10:10	01/28/23
L2305142-04	SB-204 (1-1.5)	SOIL	NEW ROCHELLE, NY	01/28/23 10:15	01/28/23
L2305142-05	SB-205 (2.5-3)	SOIL	NEW ROCHELLE, NY	01/28/23 10:20	01/28/23
L2305142-06	SB-206 (3.5-4)	SOIL	NEW ROCHELLE, NY	01/28/23 10:25	01/28/23
L2305142-07	SB-207 (3-3.5)	SOIL	NEW ROCHELLE, NY	01/28/23 10:30	01/28/23
L2305142-08	SB-208 (4-4.5)	SOIL	NEW ROCHELLE, NY	01/28/23 10:35	01/28/23
L2305142-09	SB-209 (2.5-3)	SOIL	NEW ROCHELLE, NY	01/28/23 10:40	01/28/23
L2305142-10	SB-210 (2.5-3)	SOIL	NEW ROCHELLE, NY	01/28/23 10:45	01/28/23
L2305142-11	SB-211 (3.5-4)	SOIL	NEW ROCHELLE, NY	01/28/23 10:50	01/28/23
L2305142-12	SB-212 (3-3.5)	SOIL	NEW ROCHELLE, NY	01/28/23 10:55	01/28/23
L2305142-13	SB-213 (3-3.5)	SOIL	NEW ROCHELLE, NY	01/28/23 11:00	01/28/23
L2305142-14	SB-214 (4-4.5)	SOIL	NEW ROCHELLE, NY	01/28/23 11:05	01/28/23
L2305142-15	SB-215 (1-1.5)	SOIL	NEW ROCHELLE, NY	01/28/23 11:10	01/28/23
L2305142-16	TW-201	WATER	NEW ROCHELLE, NY	01/28/23 12:00	01/28/23
L2305142-17	TW-202	WATER	NEW ROCHELLE, NY	01/28/23 12:30	01/28/23

Project Name:	466 MAIN ST.	**Lab Number:**	L2305142
Project Number:	12587	**Report Date:**	02/17/23

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: 466 MAIN ST. **Lab Number:** L2305142
Project Number: 12587 **Report Date:** 02/17/23

Case Narrative (continued)

Report Submission
February 17, 2023: This final report includes the results of all requested analyses.
February 03, 2023: 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
L2305142-16: The pH was greater than two; however, the sample was analyzed within the method required holding time.

Semivolatile Organics
The WG1739391-1 Method Blank, associated with L2305142-16 and -17, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

Perfluorinated Alkyl Acids by 1633
L2305142-16 and -17: The sample has elevated detection limits due to the reduced sample volume utilized during extraction, as required by the sample matrix.
WG1743093-1R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.
WG1743093-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Total Metals
L2305142-01 through 15: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG1739216-3 MS recoveries for aluminum (1760%), calcium (0%) and iron (0%), performed on

Project Name:	466 MAIN ST.	**Lab Number:**	L2305142
Project Number:	12587	**Report Date:**	02/17/23

Case Narrative (continued)

L2305142-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1739216-3 MS recoveries, performed on L2305142-01, are outside the acceptance criteria for barium (231%), copper (0%), magnesium (42%), potassium (26%) and zinc (40%). A post digestion spike was performed and was within acceptance criteria.

The WG1739216-3/-4 MS/MSD recoveries, performed on L2305142-01, are outside the acceptance criteria for manganese (0%/0%). A post digestion spike was performed and yielded an unacceptable recovery for manganese (68%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1739216-4 Laboratory Duplicate RPDs for aluminum (24%), arsenic (29%), barium (31%), calcium (93%) and zinc (36%), performed on L2305142-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

Cyanide, Total

The WG1740107-2/-3 LCS/LCSD recoveries for cyanide, total (51%/74%), associated with L2305142-01 through -07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above the acceptance criteria for cyanide, total (36%).

The WG1740108-2 LCS recovery for cyanide, total (34%), associated with L2305142-08 through -15, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above the acceptance criteria for cyanide, total (67%).

The WG1740108-4/-5 MS/MSD recoveries, performed on L2305142-08, are outside the acceptance criteria for cyanide, total (67%/38%). The MS/MSD RPD is above the acceptance criteria for cyanide, total (57%),

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 02/17/23

ORGANICS

VOLATILES

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01
Client ID: SB-201 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 10:41
Analyst: NLK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.0	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.80	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.80	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.80	0.10	1
Dibromochloromethane	ND		ug/kg	0.80	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.80	0.21	1
Tetrachloroethene	ND		ug/kg	0.40	0.16	1
Chlorobenzene	ND		ug/kg	0.40	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.2	0.55	1
1,2-Dichloroethane	ND		ug/kg	0.80	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.40	0.13	1
Bromodichloromethane	ND		ug/kg	0.40	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.80	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.40	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.40	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.40	0.13	1
Bromoform	ND		ug/kg	3.2	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.40	0.13	1
Benzene	ND		ug/kg	0.40	0.13	1
Toluene	ND		ug/kg	0.80	0.43	1
Ethylbenzene	ND		ug/kg	0.80	0.11	1
Chloromethane	ND		ug/kg	3.2	0.74	1
Bromomethane	ND		ug/kg	1.6	0.46	1
Vinyl chloride	ND		ug/kg	0.80	0.27	1
Chloroethane	ND		ug/kg	1.6	0.36	1
1,1-Dichloroethene	0.65	J	ug/kg	0.80	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01 Date Collected: 01/28/23 10:00

Client ID: SB-201 (4-4.5) Date Received: 01/28/23

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	0.40	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.11	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.45	1
o-Xylene	ND		ug/kg	0.80	0.23	1
Xylenes, Total	ND		ug/kg	0.80	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	0.80	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.80	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.19	1
Styrene	ND		ug/kg	0.80	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.0	0.73	1
Acetone	ND		ug/kg	8.0	3.8	1
Carbon disulfide	ND		ug/kg	8.0	3.6	1
2-Butanone	ND		ug/kg	8.0	1.8	1
Vinyl acetate	ND		ug/kg	8.0	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	8.0	1.0	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	8.0	0.94	1
Bromochloromethane	ND		ug/kg	1.6	0.16	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.80	0.22	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.13	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.40	0.10	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.80	0.13	1
sec-Butylbenzene	ND		ug/kg	0.80	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.09	1
o-Chlorotoluene	ND		ug/kg	1.6	0.15	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.80	1
Hexachlorobutadiene	ND		ug/kg	3.2	0.13	1
Isopropylbenzene	ND		ug/kg	0.80	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.80	0.09	1
Naphthalene	ND		ug/kg	3.2	0.52	1
Acrylonitrile	ND		ug/kg	3.2	0.92	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01 Date Collected: 01/28/23 10:00

Client ID: SB-201 (4-4.5) Date Received: 01/28/23

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	0.80	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.27	1
1,4-Dioxane	ND		ug/kg	64	28.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.14	1
p-Ethyltoluene	ND		ug/kg	1.6	0.31	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.6	0.15	1
Ethyl ether	ND		ug/kg	1.6	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.0	1.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02
Client ID: SB-202 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 11:02
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	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.41	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.83	0.45	1
Ethylbenzene	0.12	J	ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02 Date Collected: 01/28/23 10:05

Client ID: SB-202 (1.5-2) Date Received: 01/28/23

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	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.17	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.83	0.24	1
Xylenes, Total	ND		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.83	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.20	1
Styrene	ND		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	ND		ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
Vinyl acetate	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.0	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.41	0.11	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.83	0.14	1
sec-Butylbenzene	ND		ug/kg	0.83	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.10	1
o-Chlorotoluene	ND		ug/kg	1.6	0.16	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.82	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.83	0.09	1
Naphthalene	ND		ug/kg	3.3	0.54	1
Acrylonitrile	ND		ug/kg	3.3	0.95	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02 Date Collected: 01/28/23 10:05

Client ID: SB-202 (1.5-2) Date Received: 01/28/23

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	0.83	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.28	1
1,4-Dioxane	ND		ug/kg	66	29.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.15	1
p-Ethyltoluene	ND		ug/kg	1.6	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.6	0.16	1
Ethyl ether	ND		ug/kg	1.6	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.1	1.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	97		70-130

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03
Client ID: SB-203 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 11:22
Analyst: NLK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.4	1.6	1
1,1-Dichloroethane	ND		ug/kg	0.68	0.10	1
Chloroform	ND		ug/kg	1.0	0.10	1
Carbon tetrachloride	ND		ug/kg	0.68	0.16	1
1,2-Dichloropropane	ND		ug/kg	0.68	0.09	1
Dibromochloromethane	ND		ug/kg	0.68	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.68	0.18	1
Tetrachloroethene	ND		ug/kg	0.34	0.13	1
Chlorobenzene	ND		ug/kg	0.34	0.09	1
Trichlorofluoromethane	ND		ug/kg	2.7	0.47	1
1,2-Dichloroethane	ND		ug/kg	0.68	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	0.34	0.11	1
Bromodichloromethane	ND		ug/kg	0.34	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.68	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	0.34	0.11	1
1,3-Dichloropropene, Total	ND		ug/kg	0.34	0.11	1
1,1-Dichloropropene	ND		ug/kg	0.34	0.11	1
Bromoform	ND		ug/kg	2.7	0.17	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.34	0.11	1
Benzene	ND		ug/kg	0.34	0.11	1
Toluene	ND		ug/kg	0.68	0.37	1
Ethylbenzene	0.33	J	ug/kg	0.68	0.10	1
Chloromethane	ND		ug/kg	2.7	0.63	1
Bromomethane	ND		ug/kg	1.4	0.39	1
Vinyl chloride	ND		ug/kg	0.68	0.23	1
Chloroethane	ND		ug/kg	1.4	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.68	0.16	1
trans-1,2-Dichloroethene	ND		ug/kg	1.0	0.09	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03 Date Collected: 01/28/23 10:10

Client ID: SB-203 (3.5-4) Date Received: 01/28/23

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	0.34	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	1.4	0.10	1
1,3-Dichlorobenzene	ND		ug/kg	1.4	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	1.4	0.12	1
Methyl tert butyl ether	ND		ug/kg	1.4	0.14	1
p/m-Xylene	1.6		ug/kg	1.4	0.38	1
o-Xylene	0.55	J	ug/kg	0.68	0.20	1
Xylenes, Total	2.2	J	ug/kg	0.68	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	0.68	0.12	1
1,2-Dichloroethene, Total	ND		ug/kg	0.68	0.09	1
Dibromomethane	ND		ug/kg	1.4	0.16	1
Styrene	ND		ug/kg	0.68	0.13	1
Dichlorodifluoromethane	ND		ug/kg	6.8	0.62	1
Acetone	12		ug/kg	6.8	3.2	1
Carbon disulfide	ND		ug/kg	6.8	3.1	1
2-Butanone	ND		ug/kg	6.8	1.5	1
Vinyl acetate	ND		ug/kg	6.8	1.4	1
4-Methyl-2-pentanone	ND		ug/kg	6.8	0.87	1
1,2,3-Trichloropropane	ND		ug/kg	1.4	0.09	1
2-Hexanone	ND		ug/kg	6.8	0.80	1
Bromochloromethane	ND		ug/kg	1.4	0.14	1
2,2-Dichloropropane	ND		ug/kg	1.4	0.14	1
1,2-Dibromoethane	ND		ug/kg	0.68	0.19	1
1,3-Dichloropropane	ND		ug/kg	1.4	0.11	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.34	0.09	1
Bromobenzene	ND		ug/kg	1.4	0.10	1
n-Butylbenzene	ND		ug/kg	0.68	0.11	1
sec-Butylbenzene	ND		ug/kg	0.68	0.10	1
tert-Butylbenzene	ND		ug/kg	1.4	0.08	1
o-Chlorotoluene	ND		ug/kg	1.4	0.13	1
p-Chlorotoluene	ND		ug/kg	1.4	0.07	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.0	0.68	1
Hexachlorobutadiene	ND		ug/kg	2.7	0.11	1
Isopropylbenzene	ND		ug/kg	0.68	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.68	0.07	1
Naphthalene	ND		ug/kg	2.7	0.44	1
Acrylonitrile	ND		ug/kg	2.7	0.78	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03 Date Collected: 01/28/23 10:10

Client ID: SB-203 (3.5-4) Date Received: 01/28/23

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	0.68	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.4	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.4	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.4	0.13	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.4	0.23	1
1,4-Dioxane	ND		ug/kg	54	24.	1
p-Diethylbenzene	ND		ug/kg	1.4	0.12	1
p-Ethyltoluene	ND		ug/kg	1.4	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.4	0.13	1
Ethyl ether	ND		ug/kg	1.4	0.23	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.4	0.96	1
Tentatively Identified Compounds						
Total TIC Compounds	2.76	J	ug/kg			1
Unknown	2.76	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	89		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04
Client ID: SB-204 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:15
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/02/23 18:31
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	1.8	0.85	1
1,1-Dichloroethane	ND		ug/kg	0.37	0.05	1
Chloroform	ND		ug/kg	0.55	0.05	1
Carbon tetrachloride	ND		ug/kg	0.37	0.09	1
1,2-Dichloropropane	ND		ug/kg	0.37	0.05	1
Dibromochloromethane	ND		ug/kg	0.37	0.05	1
1,1,2-Trichloroethane	ND		ug/kg	0.37	0.10	1
Tetrachloroethene	ND		ug/kg	0.18	0.07	1
Chlorobenzene	ND		ug/kg	0.18	0.05	1
Trichlorofluoromethane	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethane	ND		ug/kg	0.37	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.18	0.06	1
Bromodichloromethane	ND		ug/kg	0.18	0.04	1
trans-1,3-Dichloropropene	ND		ug/kg	0.37	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.18	0.06	1
1,3-Dichloropropene, Total	ND		ug/kg	0.18	0.06	1
1,1-Dichloropropene	ND		ug/kg	0.18	0.06	1
Bromoform	ND		ug/kg	1.5	0.09	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.18	0.06	1
Benzene	ND		ug/kg	0.18	0.06	1
Toluene	ND		ug/kg	0.37	0.20	1
Ethylbenzene	ND		ug/kg	0.37	0.05	1
Chloromethane	ND		ug/kg	1.5	0.34	1
Bromomethane	ND		ug/kg	0.74	0.21	1
Vinyl chloride	ND		ug/kg	0.37	0.12	1
Chloroethane	ND		ug/kg	0.74	0.17	1
1,1-Dichloroethene	ND		ug/kg	0.37	0.09	1
trans-1,2-Dichloroethene	ND		ug/kg	0.55	0.05	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04 Date Collected: 01/28/23 10:15

Client ID: SB-204 (1-1.5) Date Received: 01/28/23

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	0.18	0.05	1
1,2-Dichlorobenzene	ND		ug/kg	0.74	0.05	1
1,3-Dichlorobenzene	ND		ug/kg	0.74	0.06	1
1,4-Dichlorobenzene	ND		ug/kg	0.74	0.06	1
Methyl tert butyl ether	ND		ug/kg	0.74	0.07	1
p/m-Xylene	ND		ug/kg	0.74	0.21	1
o-Xylene	ND		ug/kg	0.37	0.11	1
Xylenes, Total	ND		ug/kg	0.37	0.11	1
cis-1,2-Dichloroethene	ND		ug/kg	0.37	0.07	1
1,2-Dichloroethene, Total	ND		ug/kg	0.37	0.05	1
Dibromomethane	ND		ug/kg	0.74	0.09	1
Styrene	ND		ug/kg	0.37	0.07	1
Dichlorodifluoromethane	ND		ug/kg	3.7	0.34	1
Acetone	ND		ug/kg	3.7	1.8	1
Carbon disulfide	ND		ug/kg	3.7	1.7	1
2-Butanone	ND		ug/kg	3.7	0.82	1
Vinyl acetate	ND		ug/kg	3.7	0.79	1
4-Methyl-2-pentanone	ND		ug/kg	3.7	0.47	1
1,2,3-Trichloropropane	ND		ug/kg	0.74	0.05	1
2-Hexanone	ND		ug/kg	3.7	0.44	1
Bromochloromethane	ND		ug/kg	0.74	0.08	1
2,2-Dichloropropane	ND		ug/kg	0.74	0.08	1
1,2-Dibromoethane	ND		ug/kg	0.37	0.10	1
1,3-Dichloropropane	ND		ug/kg	0.74	0.06	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.18	0.05	1
Bromobenzene	ND		ug/kg	0.74	0.05	1
n-Butylbenzene	ND		ug/kg	0.37	0.06	1
sec-Butylbenzene	ND		ug/kg	0.37	0.05	1
tert-Butylbenzene	ND		ug/kg	0.74	0.04	1
o-Chlorotoluene	ND		ug/kg	0.74	0.07	1
p-Chlorotoluene	ND		ug/kg	0.74	0.04	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.1	0.37	1
Hexachlorobutadiene	ND		ug/kg	1.5	0.06	1
Isopropylbenzene	ND		ug/kg	0.37	0.04	1
p-Isopropyltoluene	ND		ug/kg	0.37	0.04	1
Naphthalene	ND		ug/kg	1.5	0.24	1
Acrylonitrile	ND		ug/kg	1.5	0.42	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04 Date Collected: 01/28/23 10:15

Client ID: SB-204 (1-1.5) Date Received: 01/28/23

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	0.37	0.06	1
1,2,3-Trichlorobenzene	ND		ug/kg	0.74	0.12	1
1,2,4-Trichlorobenzene	ND		ug/kg	0.74	0.10	1
1,3,5-Trimethylbenzene	ND		ug/kg	0.74	0.07	1
1,2,4-Trimethylbenzene	ND		ug/kg	0.74	0.12	1
1,4-Dioxane	ND		ug/kg	30	13.	1
p-Diethylbenzene	ND		ug/kg	0.74	0.07	1
p-Ethyltoluene	ND		ug/kg	0.74	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	0.74	0.07	1
Ethyl ether	ND		ug/kg	0.74	0.13	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	1.8	0.52	1
Tentatively Identified Compounds						
Total TIC Compounds	3.17	J	ug/kg			1
Unknown	1.93	J	ug/kg			1
Unknown Cycloalkane	1.24	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	110		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05
Client ID: SB-205 (2.5-3)
Sample Location: NEW ROCHELLE, NY
Date Collected: 01/28/23 10:20
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 11:43
Analyst: NLK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.7	1.2	1
1,1-Dichloroethane	ND		ug/kg	0.54	0.08	1
Chloroform	ND		ug/kg	0.81	0.08	1
Carbon tetrachloride	ND		ug/kg	0.54	0.12	1
1,2-Dichloropropane	ND		ug/kg	0.54	0.07	1
Dibromochloromethane	ND		ug/kg	0.54	0.08	1
1,1,2-Trichloroethane	ND		ug/kg	0.54	0.14	1
Tetrachloroethene	ND		ug/kg	0.27	0.11	1
Chlorobenzene	ND		ug/kg	0.27	0.07	1
Trichlorofluoromethane	ND		ug/kg	2.2	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.54	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.27	0.09	1
Bromodichloromethane	ND		ug/kg	0.27	0.06	1
trans-1,3-Dichloropropene	ND		ug/kg	0.54	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	0.27	0.09	1
1,3-Dichloropropene, Total	ND		ug/kg	0.27	0.09	1
1,1-Dichloropropene	ND		ug/kg	0.27	0.09	1
Bromoform	ND		ug/kg	2.2	0.13	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.27	0.09	1
Benzene	ND		ug/kg	0.27	0.09	1
Toluene	ND		ug/kg	0.54	0.29	1
Ethylbenzene	ND		ug/kg	0.54	0.08	1
Chloromethane	ND		ug/kg	2.2	0.50	1
Bromomethane	ND		ug/kg	1.1	0.31	1
Vinyl chloride	ND		ug/kg	0.54	0.18	1
Chloroethane	ND		ug/kg	1.1	0.24	1
1,1-Dichloroethene	ND		ug/kg	0.54	0.13	1
trans-1,2-Dichloroethene	ND		ug/kg	0.81	0.07	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05 Date Collected: 01/28/23 10:20

Client ID: SB-205 (2.5-3) Date Received: 01/28/23

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	0.27	0.07	1
1,2-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,3-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,4-Dichlorobenzene	ND		ug/kg	1.1	0.09	1
Methyl tert butyl ether	ND		ug/kg	1.1	0.11	1
p/m-Xylene	ND		ug/kg	1.1	0.30	1
o-Xylene	ND		ug/kg	0.54	0.16	1
Xylenes, Total	ND		ug/kg	0.54	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.54	0.10	1
1,2-Dichloroethene, Total	ND		ug/kg	0.54	0.07	1
Dibromomethane	ND		ug/kg	1.1	0.13	1
Styrene	ND		ug/kg	0.54	0.11	1
Dichlorodifluoromethane	ND		ug/kg	5.4	0.49	1
Acetone	ND		ug/kg	5.4	2.6	1
Carbon disulfide	ND		ug/kg	5.4	2.5	1
2-Butanone	ND		ug/kg	5.4	1.2	1
Vinyl acetate	ND		ug/kg	5.4	1.2	1
4-Methyl-2-pentanone	ND		ug/kg	5.4	0.69	1
1,2,3-Trichloropropane	ND		ug/kg	1.1	0.07	1
2-Hexanone	ND		ug/kg	5.4	0.64	1
Bromochloromethane	ND		ug/kg	1.1	0.11	1
2,2-Dichloropropane	ND		ug/kg	1.1	0.11	1
1,2-Dibromoethane	ND		ug/kg	0.54	0.15	1
1,3-Dichloropropane	ND		ug/kg	1.1	0.09	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.27	0.07	1
Bromobenzene	ND		ug/kg	1.1	0.08	1
n-Butylbenzene	ND		ug/kg	0.54	0.09	1
sec-Butylbenzene	ND		ug/kg	0.54	0.08	1
tert-Butylbenzene	ND		ug/kg	1.1	0.06	1
o-Chlorotoluene	ND		ug/kg	1.1	0.10	1
p-Chlorotoluene	ND		ug/kg	1.1	0.06	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.6	0.54	1
Hexachlorobutadiene	ND		ug/kg	2.2	0.09	1
Isopropylbenzene	ND		ug/kg	0.54	0.06	1
p-Isopropyltoluene	ND		ug/kg	0.54	0.06	1
Naphthalene	ND		ug/kg	2.2	0.35	1
Acrylonitrile	ND		ug/kg	2.2	0.62	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05 Date Collected: 01/28/23 10:20

Client ID: SB-205 (2.5-3) Date Received: 01/28/23

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	0.54	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.1	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.1	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.1	0.10	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.1	0.18	1
1,4-Dioxane	ND		ug/kg	43	19.	1
p-Diethylbenzene	ND		ug/kg	1.1	0.10	1
p-Ethyltoluene	ND		ug/kg	1.1	0.21	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.1	0.10	1
Ethyl ether	ND		ug/kg	1.1	0.18	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.7	0.77	1
Tentatively Identified Compounds						
Total TIC Compounds	3.58	J	ug/kg			1
Pentane	2.21	NJ	ug/kg			1
Cyclopentane	1.37	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06
Client ID: SB-206 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:25
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 12:04
Analyst: NLK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.6	1.6	1
1,1-Dichloroethane	ND		ug/kg	0.72	0.10	1
Chloroform	ND		ug/kg	1.1	0.10	1
Carbon tetrachloride	ND		ug/kg	0.72	0.16	1
1,2-Dichloropropane	ND		ug/kg	0.72	0.09	1
Dibromochloromethane	ND		ug/kg	0.72	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.72	0.19	1
Tetrachloroethene	ND		ug/kg	0.36	0.14	1
Chlorobenzene	ND		ug/kg	0.36	0.09	1
Trichlorofluoromethane	ND		ug/kg	2.9	0.50	1
1,2-Dichloroethane	ND		ug/kg	0.72	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	0.36	0.12	1
Bromodichloromethane	ND		ug/kg	0.36	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.72	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.36	0.11	1
1,3-Dichloropropene, Total	ND		ug/kg	0.36	0.11	1
1,1-Dichloropropene	ND		ug/kg	0.36	0.11	1
Bromoform	ND		ug/kg	2.9	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.36	0.12	1
Benzene	ND		ug/kg	0.36	0.12	1
Toluene	ND		ug/kg	0.72	0.39	1
Ethylbenzene	ND		ug/kg	0.72	0.10	1
Chloromethane	ND		ug/kg	2.9	0.67	1
Bromomethane	ND		ug/kg	1.4	0.42	1
Vinyl chloride	ND		ug/kg	0.72	0.24	1
Chloroethane	ND		ug/kg	1.4	0.32	1
1,1-Dichloroethene	ND		ug/kg	0.72	0.17	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.10	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06 Date Collected: 01/28/23 10:25

Client ID: SB-206 (3.5-4) Date Received: 01/28/23

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	0.36	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.4	0.10	1
1,3-Dichlorobenzene	ND		ug/kg	1.4	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.4	0.12	1
Methyl tert butyl ether	ND		ug/kg	1.4	0.14	1
p/m-Xylene	ND		ug/kg	1.4	0.40	1
o-Xylene	ND		ug/kg	0.72	0.21	1
Xylenes, Total	ND		ug/kg	0.72	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	0.72	0.13	1
1,2-Dichloroethene, Total	ND		ug/kg	0.72	0.10	1
Dibromomethane	ND		ug/kg	1.4	0.17	1
Styrene	ND		ug/kg	0.72	0.14	1
Dichlorodifluoromethane	ND		ug/kg	7.2	0.66	1
Acetone	ND		ug/kg	7.2	3.5	1
Carbon disulfide	ND		ug/kg	7.2	3.3	1
2-Butanone	ND		ug/kg	7.2	1.6	1
Vinyl acetate	ND		ug/kg	7.2	1.5	1
4-Methyl-2-pentanone	ND		ug/kg	7.2	0.92	1
1,2,3-Trichloropropane	ND		ug/kg	1.4	0.09	1
2-Hexanone	ND		ug/kg	7.2	0.85	1
Bromochloromethane	ND		ug/kg	1.4	0.15	1
2,2-Dichloropropane	ND		ug/kg	1.4	0.14	1
1,2-Dibromoethane	ND		ug/kg	0.72	0.20	1
1,3-Dichloropropane	ND		ug/kg	1.4	0.12	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.36	0.10	1
Bromobenzene	ND		ug/kg	1.4	0.10	1
n-Butylbenzene	ND		ug/kg	0.72	0.12	1
sec-Butylbenzene	ND		ug/kg	0.72	0.10	1
tert-Butylbenzene	ND		ug/kg	1.4	0.09	1
o-Chlorotoluene	ND		ug/kg	1.4	0.14	1
p-Chlorotoluene	ND		ug/kg	1.4	0.08	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.2	0.72	1
Hexachlorobutadiene	ND		ug/kg	2.9	0.12	1
Isopropylbenzene	ND		ug/kg	0.72	0.08	1
p-Isopropyltoluene	ND		ug/kg	0.72	0.08	1
Naphthalene	ND		ug/kg	2.9	0.47	1
Acrylonitrile	ND		ug/kg	2.9	0.83	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06 Date Collected: 01/28/23 10:25

Client ID: SB-206 (3.5-4) Date Received: 01/28/23

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	0.72	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.4	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.4	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.4	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.4	0.24	1
1,4-Dioxane	ND		ug/kg	58	25.	1
p-Diethylbenzene	ND		ug/kg	1.4	0.13	1
p-Ethyltoluene	ND		ug/kg	1.4	0.28	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.4	0.14	1
Ethyl ether	ND		ug/kg	1.4	0.24	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.6	1.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07
Client ID: SB-207 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 12:24
Analyst: NLK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.1	1.4	1
1,1-Dichloroethane	ND		ug/kg	0.62	0.09	1
Chloroform	ND		ug/kg	0.93	0.09	1
Carbon tetrachloride	ND		ug/kg	0.62	0.14	1
1,2-Dichloropropane	ND		ug/kg	0.62	0.08	1
Dibromochloromethane	ND		ug/kg	0.62	0.09	1
1,1,2-Trichloroethane	ND		ug/kg	0.62	0.17	1
Tetrachloroethene	ND		ug/kg	0.31	0.12	1
Chlorobenzene	ND		ug/kg	0.31	0.08	1
Trichlorofluoromethane	ND		ug/kg	2.5	0.43	1
1,2-Dichloroethane	ND		ug/kg	0.62	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	0.31	0.10	1
Bromodichloromethane	ND		ug/kg	0.31	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.62	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	0.31	0.10	1
1,3-Dichloropropene, Total	ND		ug/kg	0.31	0.10	1
1,1-Dichloropropene	ND		ug/kg	0.31	0.10	1
Bromoform	ND		ug/kg	2.5	0.15	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.31	0.10	1
Benzene	ND		ug/kg	0.31	0.10	1
Toluene	ND		ug/kg	0.62	0.34	1
Ethylbenzene	ND		ug/kg	0.62	0.09	1
Chloromethane	ND		ug/kg	2.5	0.58	1
Bromomethane	ND		ug/kg	1.2	0.36	1
Vinyl chloride	ND		ug/kg	0.62	0.21	1
Chloroethane	ND		ug/kg	1.2	0.28	1
1,1-Dichloroethene	ND		ug/kg	0.62	0.15	1
trans-1,2-Dichloroethene	ND		ug/kg	0.93	0.09	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07 Date Collected: 01/28/23 10:30

Client ID: SB-207 (3-3.5) Date Received: 01/28/23

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	0.31	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	1.2	0.09	1
1,3-Dichlorobenzene	ND		ug/kg	1.2	0.09	1
1,4-Dichlorobenzene	ND		ug/kg	1.2	0.11	1
Methyl tert butyl ether	ND		ug/kg	1.2	0.12	1
p/m-Xylene	ND		ug/kg	1.2	0.35	1
o-Xylene	ND		ug/kg	0.62	0.18	1
Xylenes, Total	ND		ug/kg	0.62	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	0.62	0.11	1
1,2-Dichloroethene, Total	ND		ug/kg	0.62	0.09	1
Dibromomethane	ND		ug/kg	1.2	0.15	1
Styrene	ND		ug/kg	0.62	0.12	1
Dichlorodifluoromethane	ND		ug/kg	6.2	0.57	1
Acetone	ND		ug/kg	6.2	3.0	1
Carbon disulfide	ND		ug/kg	6.2	2.8	1
2-Butanone	ND		ug/kg	6.2	1.4	1
Vinyl acetate	ND		ug/kg	6.2	1.3	1
4-Methyl-2-pentanone	ND		ug/kg	6.2	0.80	1
1,2,3-Trichloropropane	ND		ug/kg	1.2	0.08	1
2-Hexanone	ND		ug/kg	6.2	0.73	1
Bromochloromethane	ND		ug/kg	1.2	0.13	1
2,2-Dichloropropane	ND		ug/kg	1.2	0.12	1
1,2-Dibromoethane	ND		ug/kg	0.62	0.17	1
1,3-Dichloropropane	ND		ug/kg	1.2	0.10	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.31	0.08	1
Bromobenzene	ND		ug/kg	1.2	0.09	1
n-Butylbenzene	ND		ug/kg	0.62	0.10	1
sec-Butylbenzene	ND		ug/kg	0.62	0.09	1
tert-Butylbenzene	ND		ug/kg	1.2	0.07	1
o-Chlorotoluene	ND		ug/kg	1.2	0.12	1
p-Chlorotoluene	ND		ug/kg	1.2	0.07	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.9	0.62	1
Hexachlorobutadiene	ND		ug/kg	2.5	0.10	1
Isopropylbenzene	ND		ug/kg	0.62	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.62	0.07	1
Naphthalene	ND		ug/kg	2.5	0.40	1
Acrylonitrile	ND		ug/kg	2.5	0.72	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07 Date Collected: 01/28/23 10:30

Client ID: SB-207 (3-3.5) Date Received: 01/28/23

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	0.62	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.2	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.2	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.2	0.12	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.2	0.21	1
1,4-Dioxane	ND		ug/kg	50	22.	1
p-Diethylbenzene	ND		ug/kg	1.2	0.11	1
p-Ethyltoluene	ND		ug/kg	1.2	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.2	0.12	1
Ethyl ether	ND		ug/kg	1.2	0.21	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.1	0.88	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08
Client ID: SB-208 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:35
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 12:45
Analyst: NLK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.4	1.1	1
1,1-Dichloroethane	ND		ug/kg	0.47	0.07	1
Chloroform	ND		ug/kg	0.71	0.07	1
Carbon tetrachloride	ND		ug/kg	0.47	0.11	1
1,2-Dichloropropane	ND		ug/kg	0.47	0.06	1
Dibromochloromethane	ND		ug/kg	0.47	0.07	1
1,1,2-Trichloroethane	ND		ug/kg	0.47	0.13	1
Tetrachloroethene	ND		ug/kg	0.24	0.09	1
Chlorobenzene	ND		ug/kg	0.24	0.06	1
Trichlorofluoromethane	ND		ug/kg	1.9	0.33	1
1,2-Dichloroethane	ND		ug/kg	0.47	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	0.24	0.08	1
Bromodichloromethane	ND		ug/kg	0.24	0.05	1
trans-1,3-Dichloropropene	ND		ug/kg	0.47	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	0.24	0.08	1
1,3-Dichloropropene, Total	ND		ug/kg	0.24	0.08	1
1,1-Dichloropropene	ND		ug/kg	0.24	0.08	1
Bromoform	ND		ug/kg	1.9	0.12	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.24	0.08	1
Benzene	ND		ug/kg	0.24	0.08	1
Toluene	ND		ug/kg	0.47	0.26	1
Ethylbenzene	0.35	J	ug/kg	0.47	0.07	1
Chloromethane	ND		ug/kg	1.9	0.44	1
Bromomethane	ND		ug/kg	0.95	0.28	1
Vinyl chloride	ND		ug/kg	0.47	0.16	1
Chloroethane	ND		ug/kg	0.95	0.21	1
1,1-Dichloroethene	ND		ug/kg	0.47	0.11	1
trans-1,2-Dichloroethene	ND		ug/kg	0.71	0.07	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08 Date Collected: 01/28/23 10:35

Client ID: SB-208 (4-4.5) Date Received: 01/28/23

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	0.24	0.07	1
1,2-Dichlorobenzene	ND		ug/kg	0.95	0.07	1
1,3-Dichlorobenzene	ND		ug/kg	0.95	0.07	1
1,4-Dichlorobenzene	ND		ug/kg	0.95	0.08	1
Methyl tert butyl ether	ND		ug/kg	0.95	0.10	1
p/m-Xylene	1.6		ug/kg	0.95	0.26	1
o-Xylene	0.55		ug/kg	0.47	0.14	1
Xylenes, Total	2.2		ug/kg	0.47	0.14	1
cis-1,2-Dichloroethene	ND		ug/kg	0.47	0.08	1
1,2-Dichloroethene, Total	ND		ug/kg	0.47	0.07	1
Dibromomethane	ND		ug/kg	0.95	0.11	1
Styrene	ND		ug/kg	0.47	0.09	1
Dichlorodifluoromethane	ND		ug/kg	4.7	0.43	1
Acetone	ND		ug/kg	4.7	2.3	1
Carbon disulfide	ND		ug/kg	4.7	2.2	1
2-Butanone	ND		ug/kg	4.7	1.0	1
Vinyl acetate	ND		ug/kg	4.7	1.0	1
4-Methyl-2-pentanone	ND		ug/kg	4.7	0.61	1
1,2,3-Trichloropropane	ND		ug/kg	0.95	0.06	1
2-Hexanone	ND		ug/kg	4.7	0.56	1
Bromochloromethane	ND		ug/kg	0.95	0.10	1
2,2-Dichloropropane	ND		ug/kg	0.95	0.10	1
1,2-Dibromoethane	ND		ug/kg	0.47	0.13	1
1,3-Dichloropropane	ND		ug/kg	0.95	0.08	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.24	0.06	1
Bromobenzene	ND		ug/kg	0.95	0.07	1
n-Butylbenzene	ND		ug/kg	0.47	0.08	1
sec-Butylbenzene	ND		ug/kg	0.47	0.07	1
tert-Butylbenzene	ND		ug/kg	0.95	0.06	1
o-Chlorotoluene	ND		ug/kg	0.95	0.09	1
p-Chlorotoluene	ND		ug/kg	0.95	0.05	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.4	0.47	1
Hexachlorobutadiene	ND		ug/kg	1.9	0.08	1
Isopropylbenzene	ND		ug/kg	0.47	0.05	1
p-Isopropyltoluene	ND		ug/kg	0.47	0.05	1
Naphthalene	ND		ug/kg	1.9	0.31	1
Acrylonitrile	ND		ug/kg	1.9	0.55	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08 Date Collected: 01/28/23 10:35

Client ID: SB-208 (4-4.5) Date Received: 01/28/23

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	0.47	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	0.95	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	0.95	0.13	1
1,3,5-Trimethylbenzene	ND		ug/kg	0.95	0.09	1
1,2,4-Trimethylbenzene	ND		ug/kg	0.95	0.16	1
1,4-Dioxane	ND		ug/kg	38	17.	1
p-Diethylbenzene	ND		ug/kg	0.95	0.08	1
p-Ethyltoluene	ND		ug/kg	0.95	0.18	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	0.95	0.09	1
Ethyl ether	ND		ug/kg	0.95	0.16	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.4	0.67	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09
Client ID: SB-209 (2.5-3)
Sample Location: NEW ROCHELLE, NY
Date Collected: 01/28/23 10:40
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/02/23 21:01
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.5	1.1	1
1,1-Dichloroethane	ND		ug/kg	0.49	0.07	1
Chloroform	ND		ug/kg	0.74	0.07	1
Carbon tetrachloride	ND		ug/kg	0.49	0.11	1
1,2-Dichloropropane	ND		ug/kg	0.49	0.06	1
Dibromochloromethane	ND		ug/kg	0.49	0.07	1
1,1,2-Trichloroethane	ND		ug/kg	0.49	0.13	1
Tetrachloroethene	ND		ug/kg	0.25	0.10	1
Chlorobenzene	ND		ug/kg	0.25	0.06	1
Trichlorofluoromethane	ND		ug/kg	2.0	0.34	1
1,2-Dichloroethane	ND		ug/kg	0.49	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	0.25	0.08	1
Bromodichloromethane	ND		ug/kg	0.25	0.05	1
trans-1,3-Dichloropropene	ND		ug/kg	0.49	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	0.25	0.08	1
1,3-Dichloropropene, Total	ND		ug/kg	0.25	0.08	1
1,1-Dichloropropene	ND		ug/kg	0.25	0.08	1
Bromoform	ND		ug/kg	2.0	0.12	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.25	0.08	1
Benzene	ND		ug/kg	0.25	0.08	1
Toluene	ND		ug/kg	0.49	0.27	1
Ethylbenzene	ND		ug/kg	0.49	0.07	1
Chloromethane	ND		ug/kg	2.0	0.46	1
Bromomethane	ND		ug/kg	0.98	0.29	1
Vinyl chloride	ND		ug/kg	0.49	0.16	1
Chloroethane	ND		ug/kg	0.98	0.22	1
1,1-Dichloroethene	ND		ug/kg	0.49	0.12	1
trans-1,2-Dichloroethene	ND		ug/kg	0.74	0.07	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09 Date Collected: 01/28/23 10:40

Client ID: SB-209 (2.5-3) Date Received: 01/28/23

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	0.25	0.07	1
1,2-Dichlorobenzene	ND		ug/kg	0.98	0.07	1
1,3-Dichlorobenzene	ND		ug/kg	0.98	0.07	1
1,4-Dichlorobenzene	ND		ug/kg	0.98	0.08	1
Methyl tert butyl ether	ND		ug/kg	0.98	0.10	1
p/m-Xylene	ND		ug/kg	0.98	0.28	1
o-Xylene	ND		ug/kg	0.49	0.14	1
Xylenes, Total	ND		ug/kg	0.49	0.14	1
cis-1,2-Dichloroethene	ND		ug/kg	0.49	0.09	1
1,2-Dichloroethene, Total	ND		ug/kg	0.49	0.07	1
Dibromomethane	ND		ug/kg	0.98	0.12	1
Styrene	ND		ug/kg	0.49	0.10	1
Dichlorodifluoromethane	ND		ug/kg	4.9	0.45	1
Acetone	ND		ug/kg	4.9	2.4	1
Carbon disulfide	ND		ug/kg	4.9	2.2	1
2-Butanone	ND		ug/kg	4.9	1.1	1
Vinyl acetate	ND		ug/kg	4.9	1.0	1
4-Methyl-2-pentanone	ND		ug/kg	4.9	0.63	1
1,2,3-Trichloropropane	ND		ug/kg	0.98	0.06	1
2-Hexanone	ND		ug/kg	4.9	0.58	1
Bromochloromethane	ND		ug/kg	0.98	0.10	1
2,2-Dichloropropane	ND		ug/kg	0.98	0.10	1
1,2-Dibromoethane	ND		ug/kg	0.49	0.14	1
1,3-Dichloropropane	ND		ug/kg	0.98	0.08	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.25	0.07	1
Bromobenzene	ND		ug/kg	0.98	0.07	1
n-Butylbenzene	ND		ug/kg	0.49	0.08	1
sec-Butylbenzene	ND		ug/kg	0.49	0.07	1
tert-Butylbenzene	ND		ug/kg	0.98	0.06	1
o-Chlorotoluene	ND		ug/kg	0.98	0.09	1
p-Chlorotoluene	ND		ug/kg	0.98	0.05	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.5	0.49	1
Hexachlorobutadiene	ND		ug/kg	2.0	0.08	1
Isopropylbenzene	ND		ug/kg	0.49	0.05	1
p-Isopropyltoluene	ND		ug/kg	0.49	0.05	1
Naphthalene	ND		ug/kg	2.0	0.32	1
Acrylonitrile	ND		ug/kg	2.0	0.57	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09 Date Collected: 01/28/23 10:40

Client ID: SB-209 (2.5-3) Date Received: 01/28/23

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	0.49	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	0.98	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	0.98	0.13	1
1,3,5-Trimethylbenzene	ND		ug/kg	0.98	0.10	1
1,2,4-Trimethylbenzene	ND		ug/kg	0.98	0.16	1
1,4-Dioxane	ND		ug/kg	39	17.	1
p-Diethylbenzene	ND		ug/kg	0.98	0.09	1
p-Ethyltoluene	ND		ug/kg	0.98	0.19	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	0.98	0.09	1
Ethyl ether	ND		ug/kg	0.98	0.17	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10
Client ID: SB-210 (2.5-3)
Sample Location: NEW ROCHELLE, NY
Date Collected: 01/28/23 10:45
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 13:27
Analyst: NLK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.4	1.1	1
1,1-Dichloroethane	ND		ug/kg	0.49	0.07	1
Chloroform	ND		ug/kg	0.73	0.07	1
Carbon tetrachloride	ND		ug/kg	0.49	0.11	1
1,2-Dichloropropane	ND		ug/kg	0.49	0.06	1
Dibromochloromethane	ND		ug/kg	0.49	0.07	1
1,1,2-Trichloroethane	ND		ug/kg	0.49	0.13	1
Tetrachloroethene	ND		ug/kg	0.24	0.10	1
Chlorobenzene	ND		ug/kg	0.24	0.06	1
Trichlorofluoromethane	ND		ug/kg	1.9	0.34	1
1,2-Dichloroethane	ND		ug/kg	0.49	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	0.24	0.08	1
Bromodichloromethane	ND		ug/kg	0.24	0.05	1
trans-1,3-Dichloropropene	ND		ug/kg	0.49	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	0.24	0.08	1
1,3-Dichloropropene, Total	ND		ug/kg	0.24	0.08	1
1,1-Dichloropropene	ND		ug/kg	0.24	0.08	1
Bromoform	ND		ug/kg	1.9	0.12	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.24	0.08	1
Benzene	ND		ug/kg	0.24	0.08	1
Toluene	ND		ug/kg	0.49	0.26	1
Ethylbenzene	ND		ug/kg	0.49	0.07	1
Chloromethane	ND		ug/kg	1.9	0.45	1
Bromomethane	ND		ug/kg	0.97	0.28	1
Vinyl chloride	ND		ug/kg	0.49	0.16	1
Chloroethane	ND		ug/kg	0.97	0.22	1
1,1-Dichloroethene	ND		ug/kg	0.49	0.12	1
trans-1,2-Dichloroethene	ND		ug/kg	0.73	0.07	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10 Date Collected: 01/28/23 10:45

Client ID: SB-210 (2.5-3) Date Received: 01/28/23

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	0.24	0.07	1
1,2-Dichlorobenzene	ND		ug/kg	0.97	0.07	1
1,3-Dichlorobenzene	ND		ug/kg	0.97	0.07	1
1,4-Dichlorobenzene	ND		ug/kg	0.97	0.08	1
Methyl tert butyl ether	ND		ug/kg	0.97	0.10	1
p/m-Xylene	ND		ug/kg	0.97	0.27	1
o-Xylene	ND		ug/kg	0.49	0.14	1
Xylenes, Total	ND		ug/kg	0.49	0.14	1
cis-1,2-Dichloroethene	ND		ug/kg	0.49	0.09	1
1,2-Dichloroethene, Total	ND		ug/kg	0.49	0.07	1
Dibromomethane	ND		ug/kg	0.97	0.12	1
Styrene	ND		ug/kg	0.49	0.10	1
Dichlorodifluoromethane	ND		ug/kg	4.9	0.44	1
Acetone	ND		ug/kg	4.9	2.3	1
Carbon disulfide	ND		ug/kg	4.9	2.2	1
2-Butanone	ND		ug/kg	4.9	1.1	1
Vinyl acetate	ND		ug/kg	4.9	1.0	1
4-Methyl-2-pentanone	ND		ug/kg	4.9	0.62	1
1,2,3-Trichloropropane	ND		ug/kg	0.97	0.06	1
2-Hexanone	ND		ug/kg	4.9	0.57	1
Bromochloromethane	ND		ug/kg	0.97	0.10	1
2,2-Dichloropropane	ND		ug/kg	0.97	0.10	1
1,2-Dibromoethane	ND		ug/kg	0.49	0.14	1
1,3-Dichloropropane	ND		ug/kg	0.97	0.08	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.24	0.06	1
Bromobenzene	ND		ug/kg	0.97	0.07	1
n-Butylbenzene	ND		ug/kg	0.49	0.08	1
sec-Butylbenzene	ND		ug/kg	0.49	0.07	1
tert-Butylbenzene	ND		ug/kg	0.97	0.06	1
o-Chlorotoluene	ND		ug/kg	0.97	0.09	1
p-Chlorotoluene	ND		ug/kg	0.97	0.05	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.4	0.48	1
Hexachlorobutadiene	ND		ug/kg	1.9	0.08	1
Isopropylbenzene	ND		ug/kg	0.49	0.05	1
p-Isopropyltoluene	ND		ug/kg	0.49	0.05	1
Naphthalene	ND		ug/kg	1.9	0.32	1
Acrylonitrile	ND		ug/kg	1.9	0.56	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10 Date Collected: 01/28/23 10:45

Client ID: SB-210 (2.5-3) Date Received: 01/28/23

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	0.49	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	0.97	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	0.97	0.13	1
1,3,5-Trimethylbenzene	ND		ug/kg	0.97	0.09	1
1,2,4-Trimethylbenzene	ND		ug/kg	0.97	0.16	1
1,4-Dioxane	ND		ug/kg	39	17.	1
p-Diethylbenzene	ND		ug/kg	0.97	0.09	1
p-Ethyltoluene	ND		ug/kg	0.97	0.19	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	0.97	0.09	1
Ethyl ether	ND		ug/kg	0.97	0.16	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.4	0.69	1
Tentatively Identified Compounds						
Total TIC Compounds	3.13	J	ug/kg			1
Unknown	0.996	J	ug/kg			1
Unknown	2.13	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11
Client ID: SB-211 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:50
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 13:47
Analyst: NLK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.2	1.5	1
1,1-Dichloroethane	ND		ug/kg	0.64	0.09	1
Chloroform	ND		ug/kg	0.97	0.09	1
Carbon tetrachloride	ND		ug/kg	0.64	0.15	1
1,2-Dichloropropane	ND		ug/kg	0.64	0.08	1
Dibromochloromethane	ND		ug/kg	0.64	0.09	1
1,1,2-Trichloroethane	ND		ug/kg	0.64	0.17	1
Tetrachloroethene	ND		ug/kg	0.32	0.13	1
Chlorobenzene	ND		ug/kg	0.32	0.08	1
Trichlorofluoromethane	ND		ug/kg	2.6	0.45	1
1,2-Dichloroethane	ND		ug/kg	0.64	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	0.32	0.11	1
Bromodichloromethane	ND		ug/kg	0.32	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.64	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	0.32	0.10	1
1,3-Dichloropropene, Total	ND		ug/kg	0.32	0.10	1
1,1-Dichloropropene	ND		ug/kg	0.32	0.10	1
Bromoform	ND		ug/kg	2.6	0.16	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.32	0.11	1
Benzene	ND		ug/kg	0.32	0.11	1
Toluene	ND		ug/kg	0.64	0.35	1
Ethylbenzene	ND		ug/kg	0.64	0.09	1
Chloromethane	ND		ug/kg	2.6	0.60	1
Bromomethane	ND		ug/kg	1.3	0.37	1
Vinyl chloride	ND		ug/kg	0.64	0.22	1
Chloroethane	ND		ug/kg	1.3	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.64	0.15	1
trans-1,2-Dichloroethene	ND		ug/kg	0.97	0.09	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11 Date Collected: 01/28/23 10:50

Client ID: SB-211 (3.5-4) Date Received: 01/28/23

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	0.32	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	1.3	0.09	1
1,3-Dichlorobenzene	ND		ug/kg	1.3	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	1.3	0.11	1
Methyl tert butyl ether	ND		ug/kg	1.3	0.13	1
p/m-Xylene	ND		ug/kg	1.3	0.36	1
o-Xylene	ND		ug/kg	0.64	0.19	1
Xylenes, Total	ND		ug/kg	0.64	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	0.64	0.11	1
1,2-Dichloroethene, Total	ND		ug/kg	0.64	0.09	1
Dibromomethane	ND		ug/kg	1.3	0.15	1
Styrene	ND		ug/kg	0.64	0.13	1
Dichlorodifluoromethane	ND		ug/kg	6.4	0.59	1
Acetone	ND		ug/kg	6.4	3.1	1
Carbon disulfide	ND		ug/kg	6.4	2.9	1
2-Butanone	ND		ug/kg	6.4	1.4	1
Vinyl acetate	ND		ug/kg	6.4	1.4	1
4-Methyl-2-pentanone	ND		ug/kg	6.4	0.82	1
1,2,3-Trichloropropane	ND		ug/kg	1.3	0.08	1
2-Hexanone	ND		ug/kg	6.4	0.76	1
Bromochloromethane	ND		ug/kg	1.3	0.13	1
2,2-Dichloropropane	ND		ug/kg	1.3	0.13	1
1,2-Dibromoethane	ND		ug/kg	0.64	0.18	1
1,3-Dichloropropane	ND		ug/kg	1.3	0.11	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.32	0.09	1
Bromobenzene	ND		ug/kg	1.3	0.09	1
n-Butylbenzene	ND		ug/kg	0.64	0.11	1
sec-Butylbenzene	ND		ug/kg	0.64	0.09	1
tert-Butylbenzene	ND		ug/kg	1.3	0.08	1
o-Chlorotoluene	ND		ug/kg	1.3	0.12	1
p-Chlorotoluene	ND		ug/kg	1.3	0.07	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.9	0.64	1
Hexachlorobutadiene	ND		ug/kg	2.6	0.11	1
Isopropylbenzene	ND		ug/kg	0.64	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.64	0.07	1
Naphthalene	ND		ug/kg	2.6	0.42	1
Acrylonitrile	ND		ug/kg	2.6	0.74	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11 Date Collected: 01/28/23 10:50

Client ID: SB-211 (3.5-4) Date Received: 01/28/23

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	0.64	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.3	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.3	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.3	0.12	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.3	0.22	1
1,4-Dioxane	ND		ug/kg	52	23.	1
p-Diethylbenzene	ND		ug/kg	1.3	0.11	1
p-Ethyltoluene	ND		ug/kg	1.3	0.25	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.3	0.12	1
Ethyl ether	ND		ug/kg	1.3	0.22	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.2	0.91	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12
Client ID: SB-212 (3-3.5)
Sample Location: NEW ROCHELLE, NY
Date Collected: 01/28/23 10:55
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 14:08
Analyst: NLK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.9	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.78	0.11	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.78	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.78	0.10	1
Dibromochloromethane	ND		ug/kg	0.78	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.78	0.21	1
Tetrachloroethene	ND		ug/kg	0.39	0.15	1
Chlorobenzene	ND		ug/kg	0.39	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.1	0.54	1
1,2-Dichloroethane	ND		ug/kg	0.78	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.39	0.13	1
Bromodichloromethane	ND		ug/kg	0.39	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.78	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.39	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	0.39	0.12	1
1,1-Dichloropropene	ND		ug/kg	0.39	0.12	1
Bromoform	ND		ug/kg	3.1	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.39	0.13	1
Benzene	ND		ug/kg	0.39	0.13	1
Toluene	ND		ug/kg	0.78	0.42	1
Ethylbenzene	ND		ug/kg	0.78	0.11	1
Chloromethane	ND		ug/kg	3.1	0.73	1
Bromomethane	ND		ug/kg	1.6	0.46	1
Vinyl chloride	ND		ug/kg	0.78	0.26	1
Chloroethane	ND		ug/kg	1.6	0.35	1
1,1-Dichloroethene	ND		ug/kg	0.78	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12 Date Collected: 01/28/23 10:55

Client ID: SB-212 (3-3.5) Date Received: 01/28/23

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	0.39	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.11	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.44	1
o-Xylene	ND		ug/kg	0.78	0.23	1
Xylenes, Total	ND		ug/kg	0.78	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	0.78	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.78	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.19	1
Styrene	ND		ug/kg	0.78	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.8	0.72	1
Acetone	ND		ug/kg	7.8	3.8	1
Carbon disulfide	ND		ug/kg	7.8	3.6	1
2-Butanone	ND		ug/kg	7.8	1.7	1
Vinyl acetate	ND		ug/kg	7.8	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.8	1.0	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	7.8	0.92	1
Bromochloromethane	ND		ug/kg	1.6	0.16	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.78	0.22	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.13	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.39	0.10	1
Bromobenzene	ND		ug/kg	1.6	0.11	1
n-Butylbenzene	ND		ug/kg	0.78	0.13	1
sec-Butylbenzene	ND		ug/kg	0.78	0.11	1
tert-Butylbenzene	ND		ug/kg	1.6	0.09	1
o-Chlorotoluene	ND		ug/kg	1.6	0.15	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.78	1
Hexachlorobutadiene	ND		ug/kg	3.1	0.13	1
Isopropylbenzene	ND		ug/kg	0.78	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.78	0.09	1
Naphthalene	ND		ug/kg	3.1	0.51	1
Acrylonitrile	ND		ug/kg	3.1	0.90	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12 Date Collected: 01/28/23 10:55

Client ID: SB-212 (3-3.5) Date Received: 01/28/23

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	0.78	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.26	1
1,4-Dioxane	ND		ug/kg	63	28.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.14	1
p-Ethyltoluene	ND		ug/kg	1.6	0.30	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.6	0.15	1
Ethyl ether	ND		ug/kg	1.6	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.9	1.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13
Client ID: SB-213 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 14:29
Analyst: NLK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.2	1.5	1
1,1-Dichloroethane	ND		ug/kg	0.64	0.09	1
Chloroform	ND		ug/kg	0.96	0.09	1
Carbon tetrachloride	ND		ug/kg	0.64	0.15	1
1,2-Dichloropropane	ND		ug/kg	0.64	0.08	1
Dibromochloromethane	ND		ug/kg	0.64	0.09	1
1,1,2-Trichloroethane	ND		ug/kg	0.64	0.17	1
Tetrachloroethene	ND		ug/kg	0.32	0.12	1
Chlorobenzene	ND		ug/kg	0.32	0.08	1
Trichlorofluoromethane	ND		ug/kg	2.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	0.64	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	0.32	0.11	1
Bromodichloromethane	ND		ug/kg	0.32	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.64	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	0.32	0.10	1
1,3-Dichloropropene, Total	ND		ug/kg	0.32	0.10	1
1,1-Dichloropropene	ND		ug/kg	0.32	0.10	1
Bromoform	ND		ug/kg	2.6	0.16	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.32	0.11	1
Benzene	ND		ug/kg	0.32	0.11	1
Toluene	ND		ug/kg	0.64	0.35	1
Ethylbenzene	ND		ug/kg	0.64	0.09	1
Chloromethane	ND		ug/kg	2.6	0.60	1
Bromomethane	ND		ug/kg	1.3	0.37	1
Vinyl chloride	ND		ug/kg	0.64	0.21	1
Chloroethane	ND		ug/kg	1.3	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.64	0.15	1
trans-1,2-Dichloroethene	ND		ug/kg	0.96	0.09	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13 Date Collected: 01/28/23 11:00

Client ID: SB-213 (3-3.5) Date Received: 01/28/23

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	0.32	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	1.3	0.09	1
1,3-Dichlorobenzene	ND		ug/kg	1.3	0.09	1
1,4-Dichlorobenzene	ND		ug/kg	1.3	0.11	1
Methyl tert butyl ether	ND		ug/kg	1.3	0.13	1
p/m-Xylene	ND		ug/kg	1.3	0.36	1
o-Xylene	ND		ug/kg	0.64	0.18	1
Xylenes, Total	ND		ug/kg	0.64	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	0.64	0.11	1
1,2-Dichloroethene, Total	ND		ug/kg	0.64	0.09	1
Dibromomethane	ND		ug/kg	1.3	0.15	1
Styrene	ND		ug/kg	0.64	0.12	1
Dichlorodifluoromethane	ND		ug/kg	6.4	0.58	1
Acetone	3.7	J	ug/kg	6.4	3.1	1
Carbon disulfide	ND		ug/kg	6.4	2.9	1
2-Butanone	ND		ug/kg	6.4	1.4	1
Vinyl acetate	ND		ug/kg	6.4	1.4	1
4-Methyl-2-pentanone	ND		ug/kg	6.4	0.82	1
1,2,3-Trichloropropane	ND		ug/kg	1.3	0.08	1
2-Hexanone	ND		ug/kg	6.4	0.75	1
Bromochloromethane	ND		ug/kg	1.3	0.13	1
2,2-Dichloropropane	ND		ug/kg	1.3	0.13	1
1,2-Dibromoethane	ND		ug/kg	0.64	0.18	1
1,3-Dichloropropane	ND		ug/kg	1.3	0.11	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.32	0.08	1
Bromobenzene	ND		ug/kg	1.3	0.09	1
n-Butylbenzene	ND		ug/kg	0.64	0.11	1
sec-Butylbenzene	ND		ug/kg	0.64	0.09	1
tert-Butylbenzene	ND		ug/kg	1.3	0.08	1
o-Chlorotoluene	ND		ug/kg	1.3	0.12	1
p-Chlorotoluene	ND		ug/kg	1.3	0.07	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.9	0.64	1
Hexachlorobutadiene	ND		ug/kg	2.6	0.11	1
Isopropylbenzene	ND		ug/kg	0.64	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.64	0.07	1
Naphthalene	ND		ug/kg	2.6	0.42	1
Acrylonitrile	ND		ug/kg	2.6	0.74	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13 Date Collected: 01/28/23 11:00

Client ID: SB-213 (3-3.5) Date Received: 01/28/23

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	0.64	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.3	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.3	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.3	0.12	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.3	0.21	1
1,4-Dioxane	ND		ug/kg	51	22.	1
p-Diethylbenzene	ND		ug/kg	1.3	0.11	1
p-Ethyltoluene	ND		ug/kg	1.3	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.3	0.12	1
Ethyl ether	ND		ug/kg	1.3	0.22	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.2	0.91	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14
Client ID: SB-214 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 14:50
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.1	1.4	1
1,1-Dichloroethane	ND		ug/kg	0.61	0.09	1
Chloroform	ND		ug/kg	0.92	0.09	1
Carbon tetrachloride	ND		ug/kg	0.61	0.14	1
1,2-Dichloropropane	ND		ug/kg	0.61	0.08	1
Dibromochloromethane	ND		ug/kg	0.61	0.09	1
1,1,2-Trichloroethane	ND		ug/kg	0.61	0.16	1
Tetrachloroethene	ND		ug/kg	0.31	0.12	1
Chlorobenzene	ND		ug/kg	0.31	0.08	1
Trichlorofluoromethane	ND		ug/kg	2.4	0.43	1
1,2-Dichloroethane	ND		ug/kg	0.61	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	0.31	0.10	1
Bromodichloromethane	ND		ug/kg	0.31	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.61	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	0.31	0.10	1
1,3-Dichloropropene, Total	ND		ug/kg	0.31	0.10	1
1,1-Dichloropropene	ND		ug/kg	0.31	0.10	1
Bromoform	ND		ug/kg	2.4	0.15	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.31	0.10	1
Benzene	ND		ug/kg	0.31	0.10	1
Toluene	ND		ug/kg	0.61	0.33	1
Ethylbenzene	ND		ug/kg	0.61	0.09	1
Chloromethane	ND		ug/kg	2.4	0.57	1
Bromomethane	ND		ug/kg	1.2	0.36	1
Vinyl chloride	ND		ug/kg	0.61	0.20	1
Chloroethane	ND		ug/kg	1.2	0.28	1
1,1-Dichloroethene	ND		ug/kg	0.61	0.14	1
trans-1,2-Dichloroethene	ND		ug/kg	0.92	0.08	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14 Date Collected: 01/28/23 11:05

Client ID: SB-214 (4-4.5) Date Received: 01/28/23

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	0.31	0.08	1
1,2-Dichlorobenzene	ND		ug/kg	1.2	0.09	1
1,3-Dichlorobenzene	ND		ug/kg	1.2	0.09	1
1,4-Dichlorobenzene	ND		ug/kg	1.2	0.10	1
Methyl tert butyl ether	ND		ug/kg	1.2	0.12	1
p/m-Xylene	ND		ug/kg	1.2	0.34	1
o-Xylene	ND		ug/kg	0.61	0.18	1
Xylenes, Total	ND		ug/kg	0.61	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	0.61	0.11	1
1,2-Dichloroethene, Total	ND		ug/kg	0.61	0.08	1
Dibromomethane	ND		ug/kg	1.2	0.14	1
Styrene	ND		ug/kg	0.61	0.12	1
Dichlorodifluoromethane	ND		ug/kg	6.1	0.56	1
Acetone	3.3	J	ug/kg	6.1	3.0	1
Carbon disulfide	ND		ug/kg	6.1	2.8	1
2-Butanone	ND		ug/kg	6.1	1.4	1
Vinyl acetate	ND		ug/kg	6.1	1.3	1
4-Methyl-2-pentanone	ND		ug/kg	6.1	0.78	1
1,2,3-Trichloropropane	ND		ug/kg	1.2	0.08	1
2-Hexanone	ND		ug/kg	6.1	0.72	1
Bromochloromethane	ND		ug/kg	1.2	0.12	1
2,2-Dichloropropane	ND		ug/kg	1.2	0.12	1
1,2-Dibromoethane	ND		ug/kg	0.61	0.17	1
1,3-Dichloropropane	ND		ug/kg	1.2	0.10	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.31	0.08	1
Bromobenzene	ND		ug/kg	1.2	0.09	1
n-Butylbenzene	ND		ug/kg	0.61	0.10	1
sec-Butylbenzene	ND		ug/kg	0.61	0.09	1
tert-Butylbenzene	ND		ug/kg	1.2	0.07	1
o-Chlorotoluene	ND		ug/kg	1.2	0.12	1
p-Chlorotoluene	ND		ug/kg	1.2	0.07	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.8	0.61	1
Hexachlorobutadiene	ND		ug/kg	2.4	0.10	1
Isopropylbenzene	ND		ug/kg	0.61	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.61	0.07	1
Naphthalene	ND		ug/kg	2.4	0.40	1
Acrylonitrile	ND		ug/kg	2.4	0.70	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14 Date Collected: 01/28/23 11:05

Client ID: SB-214 (4-4.5) Date Received: 01/28/23

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	0.61	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.2	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.2	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.2	0.12	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.2	0.20	1
1,4-Dioxane	ND		ug/kg	49	22.	1
p-Diethylbenzene	ND		ug/kg	1.2	0.11	1
p-Ethyltoluene	ND		ug/kg	1.2	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.2	0.12	1
Ethyl ether	ND		ug/kg	1.2	0.21	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.1	0.87	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15
Client ID: SB-215 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/23 15:10
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.7	1.2	1
1,1-Dichloroethane	ND		ug/kg	0.55	0.08	1
Chloroform	ND		ug/kg	0.82	0.08	1
Carbon tetrachloride	ND		ug/kg	0.55	0.12	1
1,2-Dichloropropane	ND		ug/kg	0.55	0.07	1
Dibromochloromethane	ND		ug/kg	0.55	0.08	1
1,1,2-Trichloroethane	ND		ug/kg	0.55	0.15	1
Tetrachloroethene	ND		ug/kg	0.27	0.11	1
Chlorobenzene	ND		ug/kg	0.27	0.07	1
Trichlorofluoromethane	ND		ug/kg	2.2	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.55	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.27	0.09	1
Bromodichloromethane	ND		ug/kg	0.27	0.06	1
trans-1,3-Dichloropropene	ND		ug/kg	0.55	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	0.27	0.09	1
1,3-Dichloropropene, Total	ND		ug/kg	0.27	0.09	1
1,1-Dichloropropene	ND		ug/kg	0.27	0.09	1
Bromoform	ND		ug/kg	2.2	0.13	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.27	0.09	1
Benzene	ND		ug/kg	0.27	0.09	1
Toluene	ND		ug/kg	0.55	0.30	1
Ethylbenzene	ND		ug/kg	0.55	0.08	1
Chloromethane	ND		ug/kg	2.2	0.51	1
Bromomethane	ND		ug/kg	1.1	0.32	1
Vinyl chloride	ND		ug/kg	0.55	0.18	1
Chloroethane	ND		ug/kg	1.1	0.25	1
1,1-Dichloroethene	ND		ug/kg	0.55	0.13	1
trans-1,2-Dichloroethene	ND		ug/kg	0.82	0.08	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15 Date Collected: 01/28/23 11:10

Client ID: SB-215 (1-1.5) Date Received: 01/28/23

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	0.27	0.08	1
1,2-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,3-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,4-Dichlorobenzene	ND		ug/kg	1.1	0.09	1
Methyl tert butyl ether	ND		ug/kg	1.1	0.11	1
p/m-Xylene	ND		ug/kg	1.1	0.31	1
o-Xylene	ND		ug/kg	0.55	0.16	1
Xylenes, Total	ND		ug/kg	0.55	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.55	0.10	1
1,2-Dichloroethene, Total	ND		ug/kg	0.55	0.08	1
Dibromomethane	ND		ug/kg	1.1	0.13	1
Styrene	ND		ug/kg	0.55	0.11	1
Dichlorodifluoromethane	ND		ug/kg	5.5	0.50	1
Acetone	ND		ug/kg	5.5	2.6	1
Carbon disulfide	ND		ug/kg	5.5	2.5	1
2-Butanone	ND		ug/kg	5.5	1.2	1
Vinyl acetate	ND		ug/kg	5.5	1.2	1
4-Methyl-2-pentanone	ND		ug/kg	5.5	0.70	1
1,2,3-Trichloropropane	ND		ug/kg	1.1	0.07	1
2-Hexanone	ND		ug/kg	5.5	0.65	1
Bromochloromethane	ND		ug/kg	1.1	0.11	1
2,2-Dichloropropane	ND		ug/kg	1.1	0.11	1
1,2-Dibromoethane	ND		ug/kg	0.55	0.15	1
1,3-Dichloropropane	ND		ug/kg	1.1	0.09	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.27	0.07	1
Bromobenzene	ND		ug/kg	1.1	0.08	1
n-Butylbenzene	ND		ug/kg	0.55	0.09	1
sec-Butylbenzene	ND		ug/kg	0.55	0.08	1
tert-Butylbenzene	ND		ug/kg	1.1	0.07	1
o-Chlorotoluene	ND		ug/kg	1.1	0.10	1
p-Chlorotoluene	ND		ug/kg	1.1	0.06	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.6	0.55	1
Hexachlorobutadiene	ND		ug/kg	2.2	0.09	1
Isopropylbenzene	ND		ug/kg	0.55	0.06	1
p-Isopropyltoluene	ND		ug/kg	0.55	0.06	1
Naphthalene	ND		ug/kg	2.2	0.36	1
Acrylonitrile	ND		ug/kg	2.2	0.63	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15 Date Collected: 01/28/23 11:10

Client ID: SB-215 (1-1.5) Date Received: 01/28/23

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	0.55	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.1	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.1	0.10	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.1	0.18	1
1,4-Dioxane	ND		ug/kg	44	19.	1
p-Diethylbenzene	ND		ug/kg	1.1	0.10	1
p-Ethyltoluene	ND		ug/kg	1.1	0.21	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.1	0.10	1
Ethyl ether	ND		ug/kg	1.1	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.7	0.78	1
Tentatively Identified Compounds						
Total TIC Compounds	2.17	J	ug/kg			1
Unknown	2.17	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16
Client ID: TW-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/01/23 11:39
Analyst: PID

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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16 Date Collected: 01/28/23 12:00

Client ID: TW-201 Date Received: 01/28/23

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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16 Date Collected: 01/28/23 12:00

Client ID: TW-201 Date Received: 01/28/23

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	1.99	J	ug/l			1
Propene	1.99	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	118		70-130

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17
Client ID: TW-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/01/23 12:03
Analyst: PID

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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17 Date Collected: 01/28/23 12:30

Client ID: TW-202 Date Received: 01/28/23

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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17 Date Collected: 01/28/23 12:30

Client ID: TW-202 Date Received: 01/28/23

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	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	130		70-130
Dibromofluoromethane	122		70-130

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/23 08:27
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-08,10-15 Batch: WG1739809-5					
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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/23 08:27
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-08,10-15 Batch: WG1739809-5					
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: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/23 08:27
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-08,10-15 Batch: WG1739809-5					
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	2.61	J	ug/kg
Unknown	2.61	J	ug/kg

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/23 08:27
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-08,10-15 Batch: WG1739809-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/23 10:26
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1739850-5					
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: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/23 10:26
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1739850-5					
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: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/23 10:26
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1739850-5					
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: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/23 10:26
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1739850-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	117		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/02/23 12:00
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1740363-5					
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: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/02/23 12:00
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1740363-5					
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: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/02/23 12:00
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1740363-5					
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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/02/23 12:00
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1740363-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	91		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/02/23 10:42
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1740511-5					
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: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/02/23 10:42
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1740511-5					
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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/02/23 10:42
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1740511-5					
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	0.45	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.32	J	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/02/23 10:42
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1740511-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-08,10-15 Batch: WG1739809-3 WG1739809-4								
Methylene chloride	94		96		70-130	2		30
1,1-Dichloroethane	104		102		70-130	2		30
Chloroform	99		97		70-130	2		30
Carbon tetrachloride	94		95		70-130	1		30
1,2-Dichloropropane	102		102		70-130	0		30
Dibromochloromethane	91		93		70-130	2		30
1,1,2-Trichloroethane	105		102		70-130	3		30
Tetrachloroethene	97		95		70-130	2		30
Chlorobenzene	102		101		70-130	1		30
Trichlorofluoromethane	107		107		70-139	0		30
1,2-Dichloroethane	102		101		70-130	1		30
1,1,1-Trichloroethane	98		99		70-130	1		30
Bromodichloromethane	98		99		70-130	1		30
trans-1,3-Dichloropropene	100		98		70-130	2		30
cis-1,3-Dichloropropene	99		100		70-130	1		30
1,1-Dichloropropene	104		103		70-130	1		30
Bromoform	87		82		70-130	6		30
1,1,2,2-Tetrachloroethane	102		95		70-130	7		30
Benzene	102		101		70-130	1		30
Toluene	103		101		70-130	2		30
Ethylbenzene	104		102		70-130	2		30
Chloromethane	121		119		52-130	2		30
Bromomethane	102		102		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-08,10-15 Batch: WG1739809-3 WG1739809-4								
Vinyl chloride	105		107		67-130	2		30
Chloroethane	106		104		50-151	2		30
1,1-Dichloroethene	104		107		65-135	3		30
trans-1,2-Dichloroethene	98		98		70-130	0		30
Trichloroethene	102		102		70-130	0		30
1,2-Dichlorobenzene	104		98		70-130	6		30
1,3-Dichlorobenzene	107		100		70-130	7		30
1,4-Dichlorobenzene	105		99		70-130	6		30
Methyl tert butyl ether	105		104		66-130	1		30
p/m-Xylene	104		101		70-130	3		30
o-Xylene	107		105		70-130	2		30
cis-1,2-Dichloroethene	97		98		70-130	1		30
Dibromomethane	98		98		70-130	0		30
Styrene	110		108		70-130	2		30
Dichlorodifluoromethane	122		121		30-146	1		30
Acetone	130		126		54-140	3		30
Carbon disulfide	**170**	Q	**171**	Q	59-130	1		30
2-Butanone	116		114		70-130	2		30
Vinyl acetate	111		109		70-130	2		30
4-Methyl-2-pentanone	98		95		70-130	3		30
1,2,3-Trichloropropane	105		102		68-130	3		30
2-Hexanone	113		105		70-130	7		30
Bromochloromethane	96		96		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-08,10-15 Batch: WG1739809-3 WG1739809-4								
2,2-Dichloropropane	100		99		70-130	1		30
1,2-Dibromoethane	98		96		70-130	2		30
1,3-Dichloropropane	104		102		69-130	2		30
1,1,1,2-Tetrachloroethane	99		98		70-130	1		30
Bromobenzene	98		94		70-130	4		30
n-Butylbenzene	112		105		70-130	6		30
sec-Butylbenzene	108		102		70-130	6		30
tert-Butylbenzene	105		99		70-130	6		30
o-Chlorotoluene	109		103		70-130	6		30
p-Chlorotoluene	107		102		70-130	5		30
1,2-Dibromo-3-chloropropane	88		83		68-130	6		30
Hexachlorobutadiene	90		85		67-130	6		30
Isopropylbenzene	107		101		70-130	6		30
p-Isopropyltoluene	108		102		70-130	6		30
Naphthalene	104		96		70-130	8		30
Acrylonitrile	103		103		70-130	0		30
n-Propylbenzene	109		102		70-130	7		30
1,2,3-Trichlorobenzene	100		93		70-130	7		30
1,2,4-Trichlorobenzene	102		95		70-130	7		30
1,3,5-Trimethylbenzene	106		101		70-130	5		30
1,2,4-Trimethylbenzene	107		102		70-130	5		30
1,4-Dioxane	79		72		65-136	9		30
p-Diethylbenzene	109		102		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-08,10-15 Batch: WG1739809-3 WG1739809-4								
p-Ethyltoluene	110		103		70-130	7		30
1,2,4,5-Tetramethylbenzene	109		103		70-130	6		30
Ethyl ether	105		105		67-130	0		30
trans-1,4-Dichloro-2-butene	106		97		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	100		97		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1739850-3 WG1739850-4								
Methylene chloride	130		120		70-130	8		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	98		100		70-130	2		20
Dibromochloromethane	79		84		63-130	6		20
1,1,2-Trichloroethane	86		93		70-130	8		20
Tetrachloroethene	95		98		70-130	3		20
Chlorobenzene	96		99		75-130	3		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	90		90		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	92		94		67-130	2		20
trans-1,3-Dichloropropene	83		90		70-130	8		20
cis-1,3-Dichloropropene	98		99		70-130	1		20
1,1-Dichloropropene	99		100		70-130	1		20
Bromoform	77		85		54-136	10		20
1,1,2,2-Tetrachloroethane	87		100		67-130	14		20
Benzene	100		110		70-130	10		20
Toluene	97		100		70-130	3		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	110		97		64-130	13		20
Bromomethane	120		120		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1739850-3 WG1739850-4								
Vinyl chloride	130		120		55-140	8		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	120		110		70-130	9		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	99		100		70-130	1		20
1,4-Dichlorobenzene	97		98		70-130	1		20
Methyl tert butyl ether	93		99		63-130	6		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	120		110		70-130	9		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	81		89		64-130	9		20
Acrylonitrile	110		110		70-130	0		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	99		93		36-147	6		20
Acetone	120		110		58-148	9		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	92		93		63-138	1		20
Vinyl acetate	99		110		70-130	11		20
4-Methyl-2-pentanone	79		95		59-130	18		20
2-Hexanone	74		81		57-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1739850-3 WG1739850-4								
Bromochloromethane	120		110		70-130	9		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	90		96		70-130	6		20
1,3-Dichloropropane	86		94		70-130	9		20
1,1,1,2-Tetrachloroethane	83		87		64-130	5		20
Bromobenzene	92		98		70-130	6		20
n-Butylbenzene	93		98		53-136	5		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	98		100		70-130	2		20
o-Chlorotoluene	99		100		70-130	1		20
p-Chlorotoluene	97		100		70-130	3		20
1,2-Dibromo-3-chloropropane	96		100		41-144	4		20
Hexachlorobutadiene	97		100		63-130	3		20
Isopropylbenzene	99		100		70-130	1		20
p-Isopropyltoluene	99		100		70-130	1		20
Naphthalene	92		100		70-130	8		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	92		98		70-130	6		20
1,2,4-Trichlorobenzene	89		96		70-130	8		20
1,3,5-Trimethylbenzene	91		95		64-130	4		20
1,2,4-Trimethylbenzene	88		94		70-130	7		20
1,4-Dioxane	118		120		56-162	2		20
p-Diethylbenzene	92		96		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1739850-3 WG1739850-4								
p-Ethyltoluene	99		100		70-130	1		20
1,2,4,5-Tetramethylbenzene	88		94		70-130	7		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	73		88		70-130	19		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	99		102		70-130
4-Bromofluorobenzene	97		100		70-130
Dibromofluoromethane	109		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1740363-3 WG1740363-4								
Methylene chloride	84		84		70-130	0		30
1,1-Dichloroethane	90		89		70-130	1		30
Chloroform	82		81		70-130	1		30
Carbon tetrachloride	82		82		70-130	0		30
1,2-Dichloropropane	89		89		70-130	0		30
Dibromochloromethane	86		85		70-130	1		30
1,1,2-Trichloroethane	81		80		70-130	1		30
Tetrachloroethene	92		93		70-130	1		30
Chlorobenzene	86		87		70-130	1		30
Trichlorofluoromethane	91		95		70-139	4		30
1,2-Dichloroethane	84		82		70-130	2		30
1,1,1-Trichloroethane	84		84		70-130	0		30
Bromodichloromethane	81		80		70-130	1		30
trans-1,3-Dichloropropene	83		83		70-130	0		30
cis-1,3-Dichloropropene	82		83		70-130	1		30
1,1-Dichloropropene	88		88		70-130	0		30
Bromoform	84		83		70-130	1		30
1,1,2,2-Tetrachloroethane	81		80		70-130	1		30
Benzene	86		85		70-130	1		30
Toluene	86		86		70-130	0		30
Ethylbenzene	85		84		70-130	1		30
Chloromethane	100		98		52-130	2		30
Bromomethane	87		86		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1740363-3 WG1740363-4								
Vinyl chloride	88		87		67-130	1		30
Chloroethane	81		81		50-151	0		30
1,1-Dichloroethene	90		89		65-135	1		30
trans-1,2-Dichloroethene	87		87		70-130	0		30
Trichloroethene	83		84		70-130	1		30
1,2-Dichlorobenzene	85		85		70-130	0		30
1,3-Dichlorobenzene	85		85		70-130	0		30
1,4-Dichlorobenzene	84		84		70-130	0		30
Methyl tert butyl ether	88		87		66-130	1		30
p/m-Xylene	86		87		70-130	1		30
o-Xylene	89		90		70-130	1		30
cis-1,2-Dichloroethene	86		85		70-130	1		30
Dibromomethane	83		83		70-130	0		30
Styrene	87		88		70-130	1		30
Dichlorodifluoromethane	102		102		30-146	0		30
Acetone	95		95		54-140	0		30
Carbon disulfide	**146**	Q	**146**	Q	59-130	0		30
2-Butanone	85		83		70-130	2		30
Vinyl acetate	99		97		70-130	2		30
4-Methyl-2-pentanone	81		81		70-130	0		30
1,2,3-Trichloropropane	82		81		68-130	1		30
2-Hexanone	80		80		70-130	0		30
Bromochloromethane	88		88		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1740363-3 WG1740363-4								
2,2-Dichloropropane	82		81		70-130	1		30
1,2-Dibromoethane	85		85		70-130	0		30
1,3-Dichloropropane	85		86		69-130	1		30
1,1,1,2-Tetrachloroethane	85		85		70-130	0		30
Bromobenzene	82		81		70-130	1		30
n-Butylbenzene	86		86		70-130	0		30
sec-Butylbenzene	85		83		70-130	2		30
tert-Butylbenzene	84		83		70-130	1		30
o-Chlorotoluene	87		84		70-130	4		30
p-Chlorotoluene	83		83		70-130	0		30
1,2-Dibromo-3-chloropropane	79		80		68-130	1		30
Hexachlorobutadiene	86		87		67-130	1		30
Isopropylbenzene	83		82		70-130	1		30
p-Isopropyltoluene	85		84		70-130	1		30
Naphthalene	90		90		70-130	0		30
Acrylonitrile	92		93		70-130	1		30
n-Propylbenzene	86		84		70-130	2		30
1,2,3-Trichlorobenzene	86		88		70-130	2		30
1,2,4-Trichlorobenzene	86		88		70-130	2		30
1,3,5-Trimethylbenzene	84		82		70-130	2		30
1,2,4-Trimethylbenzene	83		82		70-130	1		30
1,4-Dioxane	107		107		65-136	0		30
p-Diethylbenzene	86		86		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1740363-3 WG1740363-4								
p-Ethyltoluene	85		84		70-130	1		30
1,2,4,5-Tetramethylbenzene	91		91		70-130	0		30
Ethyl ether	96		95		67-130	1		30
trans-1,4-Dichloro-2-butene	83		81		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		89		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	92		92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

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 Batch: WG1740511-3 WG1740511-4								
Methylene chloride	95		95		70-130	0		30
1,1-Dichloroethane	93		92		70-130	1		30
Chloroform	90		93		70-130	3		30
Carbon tetrachloride	98		97		70-130	1		30
1,2-Dichloropropane	97		99		70-130	2		30
Dibromochloromethane	107		108		70-130	1		30
1,1,2-Trichloroethane	100		102		70-130	2		30
Tetrachloroethene	107		107		70-130	0		30
Chlorobenzene	106		105		70-130	1		30
Trichlorofluoromethane	98		97		70-139	1		30
1,2-Dichloroethane	91		93		70-130	2		30
1,1,1-Trichloroethane	98		97		70-130	1		30
Bromodichloromethane	94		95		70-130	1		30
trans-1,3-Dichloropropene	99		101		70-130	2		30
cis-1,3-Dichloropropene	104		107		70-130	3		30
1,1-Dichloropropene	100		102		70-130	2		30
Bromoform	101		104		70-130	3		30
1,1,2,2-Tetrachloroethane	107		111		70-130	4		30
Benzene	99		99		70-130	0		30
Toluene	105		104		70-130	1		30
Ethylbenzene	105		104		70-130	1		30
Chloromethane	90		89		52-130	1		30
Bromomethane	98		98		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

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 Batch: WG1740511-3 WG1740511-4								
Vinyl chloride	92		92		67-130	0		30
Chloroethane	107		106		50-151	1		30
1,1-Dichloroethene	94		94		65-135	0		30
trans-1,2-Dichloroethene	95		93		70-130	2		30
Trichloroethene	105		105		70-130	0		30
1,2-Dichlorobenzene	106		107		70-130	1		30
1,3-Dichlorobenzene	107		107		70-130	0		30
1,4-Dichlorobenzene	104		104		70-130	0		30
Methyl tert butyl ether	98		104		66-130	6		30
p/m-Xylene	107		107		70-130	0		30
o-Xylene	110		108		70-130	2		30
cis-1,2-Dichloroethene	95		95		70-130	0		30
Dibromomethane	95		96		70-130	1		30
Styrene	110		109		70-130	1		30
Dichlorodifluoromethane	94		95		30-146	1		30
Acetone	99		100		54-140	1		30
Carbon disulfide	**165**	Q	**163**	Q	59-130	1		30
2-Butanone	97		97		70-130	0		30
Vinyl acetate	98		108		70-130	10		30
4-Methyl-2-pentanone	107		113		70-130	5		30
1,2,3-Trichloropropane	106		107		68-130	1		30
2-Hexanone	106		107		70-130	1		30
Bromochloromethane	95		94		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

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 Batch: WG1740511-3 WG1740511-4								
2,2-Dichloropropane	98		96		70-130	2		30
1,2-Dibromoethane	101		104		70-130	3		30
1,3-Dichloropropane	106		109		69-130	3		30
1,1,1,2-Tetrachloroethane	111		111		70-130	0		30
Bromobenzene	107		107		70-130	0		30
n-Butylbenzene	107		107		70-130	0		30
sec-Butylbenzene	105		106		70-130	1		30
tert-Butylbenzene	106		106		70-130	0		30
o-Chlorotoluene	105		104		70-130	1		30
p-Chlorotoluene	105		105		70-130	0		30
1,2-Dibromo-3-chloropropane	109		110		68-130	1		30
Hexachlorobutadiene	107		106		67-130	1		30
Isopropylbenzene	107		108		70-130	1		30
p-Isopropyltoluene	106		107		70-130	1		30
Naphthalene	107		109		70-130	2		30
Acrylonitrile	102		103		70-130	1		30
n-Propylbenzene	108		107		70-130	1		30
1,2,3-Trichlorobenzene	108		108		70-130	0		30
1,2,4-Trichlorobenzene	110		109		70-130	1		30
1,3,5-Trimethylbenzene	106		104		70-130	2		30
1,2,4-Trimethylbenzene	105		106		70-130	1		30
1,4-Dioxane	105		107		65-136	2		30
p-Diethylbenzene	108		107		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

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 Batch: WG1740511-3 WG1740511-4								
p-Ethyltoluene	109		108		70-130	1		30
1,2,4,5-Tetramethylbenzene	108		108		70-130	0		30
Ethyl ether	101		100		67-130	1		30
trans-1,4-Dichloro-2-butene	113		119		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		89		70-130
Toluene-d8	104		102		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	85		85		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01
Client ID: SB-201 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 04:10
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	130		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01 Date Collected: 01/28/23 10:00

Client ID: SB-201 (4-4.5) Date Received: 01/28/23

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	41.	1
Benzo(a)anthracene	97	J	ug/kg	120	22.	1
Benzo(a)pyrene	100	J	ug/kg	160	47.	1
Benzo(b)fluoranthene	130		ug/kg	120	33.	1
Benzo(k)fluoranthene	42	J	ug/kg	120	31.	1
Chrysene	84	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	73	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	83	J	ug/kg	160	27.	1
Pyrene	120		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	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	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01 Date Collected: 01/28/23 10:00

Client ID: SB-201 (4-4.5) Date Received: 01/28/23

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	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	56		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02
Client ID: SB-202 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 08:35
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

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

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02 Date Collected: 01/28/23 10:05

Client ID: SB-202 (1.5-2) Date Received: 01/28/23

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	350		ug/kg	110	21.	1
Benzo(a)pyrene	380		ug/kg	150	46.	1
Benzo(b)fluoranthene	470		ug/kg	110	32.	1
Benzo(k)fluoranthene	150		ug/kg	110	30.	1
Chrysene	350		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	220		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	96	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	52	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	150	26.	1
Pyrene	490		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	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	24.	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	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02 Date Collected: 01/28/23 10:05

Client ID: SB-202 (1.5-2) Date Received: 01/28/23

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	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	19	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
Total TIC Compounds	264	J	ug/kg			1
Unknown PAH	264	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	41		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03
Client ID: SB-203 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 08:58
Analyst: LJG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	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	140		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03 Date Collected: 01/28/23 10:10

Client ID: SB-203 (3.5-4) Date Received: 01/28/23

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	78	J	ug/kg	110	20.	1
Benzo(a)pyrene	81	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	100	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	32	J	ug/kg	110	29.	1
Chrysene	80	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	74	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	64	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	64	J	ug/kg	140	25.	1
Pyrene	120		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	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	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	75	J	ug/kg	140	39.	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03 Date Collected: 01/28/23 10:10

Client ID: SB-203 (3.5-4) Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	55		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04
Client ID: SB-204 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:15
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 09:22
Analyst: LJG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	44	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	880		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	30	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04 Date Collected: 01/28/23 10:15

Client ID: SB-204 (1-1.5) Date Received: 01/28/23

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	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	440		ug/kg	100	20.	1
Benzo(a)pyrene	410		ug/kg	140	43.	1
Benzo(b)fluoranthene	520		ug/kg	100	29.	1
Benzo(k)fluoranthene	150		ug/kg	100	28.	1
Chrysene	400		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	120		ug/kg	100	34.	1
Benzo(ghi)perylene	240		ug/kg	140	20.	1
Fluorene	43	J	ug/kg	170	17.	1
Phenanthrene	520		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	59	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	140	24.	1
Pyrene	720		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	21	J	ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04 Date Collected: 01/28/23 10:15

Client ID: SB-204 (1-1.5) Date Received: 01/28/23

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	170	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	56	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	282	J	ug/kg			1
Unknown PAH	282	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	46		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05
Client ID: SB-205 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:20
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 10:57
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	170		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	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05 Date Collected: 01/28/23 10:20

Client ID: SB-205 (2.5-3) Date Received: 01/28/23

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	120		ug/kg	110	21.	1
Benzo(a)pyrene	140	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	160		ug/kg	110	32.	1
Benzo(k)fluoranthene	57	J	ug/kg	110	30.	1
Chrysene	120		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	100	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	78	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	22	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	100	J	ug/kg	150	27.	1
Pyrene	160		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	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	24.	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	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05 Date Collected: 01/28/23 10:20

Client ID: SB-205 (2.5-3) Date Received: 01/28/23

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	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	57		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06
Client ID: SB-206 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:25
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 05:47
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	77	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06 Date Collected: 01/28/23 10:25

Client ID: SB-206 (3.5-4) Date Received: 01/28/23

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	51	J	ug/kg	110	21.	1
Benzo(a)pyrene	62	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	74	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	51	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	42	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	46	J	ug/kg	150	26.	1
Pyrene	74	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	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	24.	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	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06 Date Collected: 01/28/23 10:25

Client ID: SB-206 (3.5-4) Date Received: 01/28/23

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	620	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	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	42		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07
Client ID: SB-207 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 09:46
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	23	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1000		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	23	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07 Date Collected: 01/28/23 10:30

Client ID: SB-207 (3-3.5) Date Received: 01/28/23

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	580		ug/kg	110	21.	1
Benzo(a)pyrene	630		ug/kg	150	46.	1
Benzo(b)fluoranthene	770		ug/kg	110	32.	1
Benzo(k)fluoranthene	240		ug/kg	110	30.	1
Chrysene	600		ug/kg	110	20.	1
Acenaphthylene	64	J	ug/kg	150	29.	1
Anthracene	93	J	ug/kg	110	37.	1
Benzo(ghi)perylene	370		ug/kg	150	22.	1
Fluorene	28	J	ug/kg	190	18.	1
Phenanthrene	340		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	88	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	440		ug/kg	150	26.	1
Pyrene	900		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	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	24.	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	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07 Date Collected: 01/28/23 10:30

Client ID: SB-207 (3-3.5) Date Received: 01/28/23

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	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	36	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	1330	J	ug/kg			1
Unknown PAH	166	J	ug/kg			1
Unknown	224	J	ug/kg			1
Unknown Ketone	166	J	ug/kg			1
Unknown PAH	414	J	ug/kg			1
Unknown	197	J	ug/kg			1
Unknown PAH	162	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	54		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08
Client ID: SB-208 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:35
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 10:33
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	67	J	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	780		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08 Date Collected: 01/28/23 10:35

Client ID: SB-208 (4-4.5) Date Received: 01/28/23

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	420		ug/kg	110	21.	1
Benzo(a)pyrene	380		ug/kg	150	46.	1
Benzo(b)fluoranthene	460		ug/kg	110	32.	1
Benzo(k)fluoranthene	170		ug/kg	110	30.	1
Chrysene	390		ug/kg	110	20.	1
Acenaphthylene	32	J	ug/kg	150	29.	1
Anthracene	130		ug/kg	110	37.	1
Benzo(ghi)perylene	220		ug/kg	150	22.	1
Fluorene	51	J	ug/kg	190	18.	1
Phenanthrene	510		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	57	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	260		ug/kg	150	26.	1
Pyrene	610		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	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	22	J	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08 Date Collected: 01/28/23 10:35

Client ID: SB-208 (4-4.5) Date Received: 01/28/23

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	56	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
Total TIC Compounds	1360	J	ug/kg			1
Unknown PAH	250	J	ug/kg			1
Unknown	916	J	ug/kg			1
Unknown	191	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	50		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09
Client ID: SB-209 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:40
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 12:08
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	60	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	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	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1100		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09 Date Collected: 01/28/23 10:40

Client ID: SB-209 (2.5-3) Date Received: 01/28/23

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	41.	1
Benzo(a)anthracene	620		ug/kg	120	22.	1
Benzo(a)pyrene	580		ug/kg	160	47.	1
Benzo(b)fluoranthene	670		ug/kg	120	33.	1
Benzo(k)fluoranthene	260		ug/kg	120	31.	1
Chrysene	580		ug/kg	120	20.	1
Acenaphthylene	31	J	ug/kg	160	30.	1
Anthracene	140		ug/kg	120	38.	1
Benzo(ghi)perylene	320		ug/kg	160	23.	1
Fluorene	34	J	ug/kg	190	19.	1
Phenanthrene	470		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	83	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	390		ug/kg	160	27.	1
Pyrene	880		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	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	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09 Date Collected: 01/28/23 10:40

Client ID: SB-209 (2.5-3) Date Received: 01/28/23

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	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	42	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	540	J	ug/kg			1
Unknown PAH	173	J	ug/kg			1
Unknown PAH	367	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	65		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10
Client ID: SB-210 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:45
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 11:45
Analyst: LJG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	40	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	4800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	70	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10 Date Collected: 01/28/23 10:45

Client ID: SB-210 (2.5-3) Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	2700		ug/kg	110	21.	1
Benzo(a)pyrene	3000		ug/kg	150	45.	1
Benzo(b)fluoranthene	3500		ug/kg	110	31.	1
Benzo(k)fluoranthene	1200		ug/kg	110	30.	1
Chrysene	2500		ug/kg	110	19.	1
Acenaphthylene	1400		ug/kg	150	29.	1
Anthracene	800		ug/kg	110	36.	1
Benzo(ghi)perylene	1800		ug/kg	150	22.	1
Fluorene	83	J	ug/kg	190	18.	1
Phenanthrene	1200		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	460		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	150	26.	1
Pyrene	4000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	23	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	47	J	ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	90	J	ug/kg	270	29.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10 Date Collected: 01/28/23 10:45

Client ID: SB-210 (2.5-3) Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	180	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	8990	J	ug/kg			1
Unknown	244	J	ug/kg			1
Unknown PAH	627	J	ug/kg			1
Unknown	330	J	ug/kg			1
Unknown Ketone	436	J	ug/kg			1
Unknown PAH	1930	J	ug/kg			1
Unknown	303	J	ug/kg			1
Unknown	745	J	ug/kg			1
Unknown PAH	280	J	ug/kg			1
Unknown PAH	643	J	ug/kg			1
Unknown PAH	1040	J	ug/kg			1
Unknown	515	J	ug/kg			1
Unknown PAH	439	J	ug/kg			1
Unknown PAH	584	J	ug/kg			1
Unknown PAH	282	J	ug/kg			1
Unknown PAH	587	J	ug/kg			1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10 Date Collected: 01/28/23 10:45

Client ID: SB-210 (2.5-3) Date Received: 01/28/23

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						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	69		18-120

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10
Client ID: SB-210 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:45
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/16/23 12:48
Analyst: PNB
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 02/14/23 18:15
Cleanup Method: EPA 1633
Cleanup Date: 02/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.791	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.395	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.198	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.791	0.277	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.126	J	ng/g	0.198	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.791	0.383	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.105	1
PFOA/PFOS, Total	0.126	J	ng/g	0.198	0.051	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10 Date Collected: 01/28/23 10:45

Client ID: SB-210 (2.5-3) Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	105		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	109		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	99		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	91		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	46		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	26		20-150

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11
Client ID: SB-211 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:50
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 06:11
Analyst: LJG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	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	240		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11 Date Collected: 01/28/23 10:50

Client ID: SB-211 (3.5-4) Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	160		ug/kg	110	20.	1
Benzo(a)pyrene	280		ug/kg	140	44.	1
Benzo(b)fluoranthene	360		ug/kg	110	30.	1
Benzo(k)fluoranthene	130		ug/kg	110	29.	1
Chrysene	220		ug/kg	110	19.	1
Acenaphthylene	88	J	ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	220		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	97	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	49	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	250		ug/kg	140	25.	1
Pyrene	200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	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	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11 Date Collected: 01/28/23 10:50

Client ID: SB-211 (3.5-4) Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	43	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	537	J	ug/kg			1
Unknown	152	J	ug/kg			1
Unknown	164	J	ug/kg			1
Unknown PAH	221	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	109		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	82		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12
Client ID: SB-212 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:55
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 08:11
Analyst: LJG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	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	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	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	2800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12 Date Collected: 01/28/23 10:55

Client ID: SB-212 (3-3.5) Date Received: 01/28/23

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	1300		ug/kg	110	20.	1
Benzo(a)pyrene	1200		ug/kg	140	44.	1
Benzo(b)fluoranthene	1400		ug/kg	110	30.	1
Benzo(k)fluoranthene	480		ug/kg	110	29.	1
Chrysene	1200		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	260		ug/kg	110	35.	1
Benzo(ghi)perylene	720		ug/kg	140	21.	1
Fluorene	22	J	ug/kg	180	18.	1
Phenanthrene	880		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	830		ug/kg	140	25.	1
Pyrene	2300		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	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	74.	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	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12 Date Collected: 01/28/23 10:55

Client ID: SB-212 (3-3.5) Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	34	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	2730	J	ug/kg			1
Unknown PAH	173	J	ug/kg			1
Unknown PAH	193	J	ug/kg			1
Unknown PAH	283	J	ug/kg			1
Unknown Ketone	216	J	ug/kg			1
Unknown Ketone	150	J	ug/kg			1
Unknown	170	J	ug/kg			1
Unknown	193	J	ug/kg			1
Unknown PAH	783	J	ug/kg			1
Unknown PAH	248	J	ug/kg			1
Unknown PAH	164	J	ug/kg			1
Unknown	155	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	65		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13
Client ID: SB-213 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 06:35
Analyst: LJG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	80	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13 Date Collected: 01/28/23 11:00

Client ID: SB-213 (3-3.5) Date Received: 01/28/23

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	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	47	J	ug/kg	100	20.	1
Benzo(a)pyrene	50	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	59	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	46	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	33	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	32	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	35	J	ug/kg	140	24.	1
Pyrene	75	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13 Date Collected: 01/28/23 11:00

Client ID: SB-213 (3-3.5) Date Received: 01/28/23

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	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	59		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14
Client ID: SB-214 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 10:10
Analyst: LJG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	40	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14 Date Collected: 01/28/23 11:05

Client ID: SB-214 (4-4.5) Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	27	J	ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	33	J	ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	27	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	23	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	37	J	ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14 Date Collected: 01/28/23 11:05

Client ID: SB-214 (4-4.5) Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	164	J	ug/kg			1
Unknown Ketone	164	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	65		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15
Client ID: SB-215 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/02/23 11:21
Analyst: LJG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	86	J	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	26.	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15 Date Collected: 01/28/23 11:10

Client ID: SB-215 (1-1.5) Date Received: 01/28/23

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	57	J	ug/kg	110	20.	1
Benzo(a)pyrene	65	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	79	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	30	J	ug/kg	110	29.	1
Chrysene	62	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	45	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	49	J	ug/kg	140	25.	1
Pyrene	79	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	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	84.	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15 Date Collected: 01/28/23 11:10

Client ID: SB-215 (1-1.5) Date Received: 01/28/23

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	ND		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	78		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	56		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16
Client ID: TW-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/02/23 06:15
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 01:18

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	ND		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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16 Date Collected: 01/28/23 12:00

Client ID: TW-201 Date Received: 01/28/23

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	ND		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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16 Date Collected: 01/28/23 12:00

Client ID: TW-201 Date Received: 01/28/23

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	241	J	ug/l			1
Unknown	9.56	J	ug/l			1
Unknown	12.7	J	ug/l			1
Unknown	12.2	J	ug/l			1
Unknown	15.6	J	ug/l			1
Unknown	6.33	J	ug/l			1
Unknown	22.1	J	ug/l			1
Unknown	7.89	J	ug/l			1
Unknown	8.98	J	ug/l			1
Unknown	12.5	J	ug/l			1
Unknown	11.0	J	ug/l			1
Unknown	7.93	J	ug/l			1
Unknown	7.27	J	ug/l			1
Unknown Organic Acid	7.49	JB	ug/l			1
Unknown Organic Acid	33.8	JB	ug/l			1
Unknown Organic Acid	65.5	JB	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	39		10-120
4-Terphenyl-d14	59		41-149

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16
Client ID: TW-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/02/23 16:54
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 01:21

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	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16 Date Collected: 01/28/23 12:00

Client ID: TW-201 Date Received: 01/28/23

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	42		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	57		41-149

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16
Client ID: TW-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 02/13/23 19:13
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 02/10/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	25.7		ng/l	12.2	1.96	1
Perfluoropentanoic Acid (PFPeA)	22.0		ng/l	6.12	1.64	1
Perfluorobutanesulfonic Acid (PFBS)	5.82		ng/l	3.06	1.02	1
Perfluorohexanoic Acid (PFHxA)	16.4		ng/l	3.06	0.903	1
Perfluoroheptanoic Acid (PFHpA)	13.8		ng/l	3.06	0.612	1
Perfluorohexanesulfonic Acid (PFHxS)	2.30	J	ng/l	3.06	0.735	1
Perfluorooctanoic Acid (PFOA)	39.6		ng/l	3.06	1.33	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	12.2	4.13	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	3.06	0.827	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	3.06	0.964	1
Perfluorooctanesulfonic Acid (PFOS)	21.3		ng/l	3.06	1.39	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	3.06	1.24	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	12.2	4.76	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	3.06	1.67	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	3.06	1.33	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	3.06	0.704	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	3.06	0.827	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	3.06	1.65	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	3.06	1.41	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	3.06	1.15	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	3.06	0.811	1
PFOA/PFOS, Total	60.9		ng/l	3.06	1.33	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16 Date Collected: 01/28/23 12:00

Client ID: TW-201 Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	107		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	106		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	111		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	105		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	102		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	106		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	123		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	77		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	74		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	58		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	53		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	49		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	44		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	29		20-150

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17
Client ID: TW-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/02/23 06:39
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 01:18

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	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.69	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17 Date Collected: 01/28/23 12:30

Client ID: TW-202 Date Received: 01/28/23

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	ND		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

Tentatively Identified Compounds				
Total TIC Compounds	24.7	J	ug/l	1
Unknown	1.49	J	ug/l	1
Unknown	2.22	J	ug/l	1
Unknown	1.96	J	ug/l	1
Unknown	1.49	J	ug/l	1
Unknown	2.00	JB	ug/l	1
Unknown Alkane	1.67	J	ug/l	1
Unknown Organic Acid	13.9	JB	ug/l	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17 Date Collected: 01/28/23 12:30

Client ID: TW-202 Date Received: 01/28/23

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						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	62		41-149

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17
Client ID: TW-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/01/23 15:56
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 01:21

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	0.02	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	0.03	J	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	0.02	J	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	0.04	J	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	0.02	J	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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17 Date Collected: 01/28/23 12:30

Client ID: TW-202 Date Received: 01/28/23

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	54		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	70		41-149

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17
Client ID: TW-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 02/13/23 19:26
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 02/10/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	14.6		ng/l	8.30	1.33	1
Perfluoropentanoic Acid (PFPeA)	25.3		ng/l	4.15	1.11	1
Perfluorobutanesulfonic Acid (PFBS)	2.49		ng/l	2.08	0.695	1
Perfluorohexanoic Acid (PFHxA)	19.9		ng/l	2.08	0.612	1
Perfluoroheptanoic Acid (PFHpA)	9.55		ng/l	2.08	0.415	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.08	0.498	1
Perfluorooctanoic Acid (PFOA)	16.1		ng/l	2.08	0.903	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	8.30	2.80	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.08	0.560	1
Perfluorononanoic Acid (PFNA)	9.34		ng/l	2.08	0.654	1
Perfluorooctanesulfonic Acid (PFOS)	37.2		ng/l	2.08	0.944	1
Perfluorodecanoic Acid (PFDA)	12.1		ng/l	2.08	0.841	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	8.30	3.23	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.08	1.13	1
Perfluoroundecanoic Acid (PFUnA)	14.7		ng/l	2.08	0.903	1
Perfluorodecanesulfonic Acid (PFDS)	2.39		ng/l	2.08	0.477	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	2.08	0.560	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.08	1.12	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.08	0.955	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.08	0.778	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	2.08	0.550	1
PFOA/PFOS, Total	53.3		ng/l	2.08	0.903	1

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17 Date Collected: 01/28/23 12:30

Client ID: TW-202 Date Received: 01/28/23

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	118		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	105		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	108		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	61		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	37		20-150

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/02/23 00:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1739391-1					
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: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/02/23 00:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1739391-1					
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: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/02/23 00:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1739391-1					
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	25.0	J	ug/l
Unknown Organic Acid	6.84	J	ug/l
Unknown Alkane	1.53	J	ug/l
Unknown Organic Acid	13.5	J	ug/l
Unknown Organic Acid	1.60	J	ug/l
Unknown	1.53	J	ug/l

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/02/23 00:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16-17 Batch: WG1739391-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	64		41-149

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/01/23 14:33
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 16-17 Batch: WG1739392-1					
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: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/01/23 14:33
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 16-17 Batch: WG1739392-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	**123**	Q	10-120
4-Terphenyl-d14	80		41-149

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/01/23 08:08
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG1739403-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	29.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/01/23 08:08
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG1739403-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	21.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/01/23 08:08
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 02/01/23 00:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG1739403-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	37.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	72		18-120

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/14/23 13:49
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 02/10/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 16-17 Batch: WG1743093-1 R					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
PFOA/PFOS, Total	ND		ng/l	1.60	0.696

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/14/23 13:49
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 02/10/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 16-17 Batch: WG1743093-1 R					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	102		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	101		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	136		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	84		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/16/23 11:31
Analyst: PNB

Extraction Method: EPA 1633
Extraction Date: 02/14/23 18:15
Cleanup Method: EPA 1633
Cleanup Date: 02/15/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 10 Batch: WG1744424-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
PFOA/PFOS, Total	ND		ng/g	0.200	0.052

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/16/23 11:31
Analyst: PNB

Extraction Method: EPA 1633
Extraction Date: 02/14/23 18:15
Cleanup Method: EPA 1633
Cleanup Date: 02/15/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 10 Batch: WG1744424-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	108		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	99		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	97		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	40		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	28		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1739391-2 WG1739391-3								
Acenaphthene	66		58		37-111	13		30
1,2,4-Trichlorobenzene	59		53		39-98	11		30
Hexachlorobenzene	66		58		40-140	13		30
Bis(2-chloroethyl)ether	64		58		40-140	10		30
2-Chloronaphthalene	60		53		40-140	12		30
1,2-Dichlorobenzene	62		55		40-140	12		30
1,3-Dichlorobenzene	63		56		40-140	12		30
1,4-Dichlorobenzene	62		54		36-97	14		30
3,3'-Dichlorobenzidine	54		**37**	Q	40-140	**37**	Q	30
2,4-Dinitrotoluene	90		82		48-143	9		30
2,6-Dinitrotoluene	82		70		40-140	16		30
Fluoranthene	61		56		40-140	9		30
4-Chlorophenyl phenyl ether	63		56		40-140	12		30
4-Bromophenyl phenyl ether	65		60		40-140	8		30
Bis(2-chloroisopropyl)ether	70		65		40-140	7		30
Bis(2-chloroethoxy)methane	66		63		40-140	5		30
Hexachlorobutadiene	54		48		40-140	12		30
Hexachlorocyclopentadiene	54		44		40-140	20		30
Hexachloroethane	65		56		40-140	15		30
Isophorone	63		58		40-140	8		30
Naphthalene	62		56		40-140	10		30
Nitrobenzene	70		65		40-140	7		30
NDPA/DPA	67		58		40-140	14		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1739391-2 WG1739391-3								
n-Nitrosodi-n-propylamine	64		58		29-132	10		30
Bis(2-ethylhexyl)phthalate	106		96		40-140	10		30
Butyl benzyl phthalate	81		70		40-140	15		30
Di-n-butylphthalate	75		72		40-140	4		30
Di-n-octylphthalate	94		85		40-140	10		30
Diethyl phthalate	72		67		40-140	7		30
Dimethyl phthalate	64		60		40-140	6		30
Benzo(a)anthracene	72		63		40-140	13		30
Benzo(a)pyrene	62		56		40-140	10		30
Benzo(b)fluoranthene	72		59		40-140	20		30
Benzo(k)fluoranthene	57		56		40-140	2		30
Chrysene	68		64		40-140	6		30
Acenaphthylene	64		59		45-123	8		30
Anthracene	65		58		40-140	11		30
Benzo(ghi)perylene	58		55		40-140	5		30
Fluorene	68		59		40-140	14		30
Phenanthrene	64		61		40-140	5		30
Dibenzo(a,h)anthracene	61		56		40-140	9		30
Indeno(1,2,3-cd)pyrene	59		58		40-140	2		30
Pyrene	62		55		26-127	12		30
Biphenyl	60		54		40-140	11		30
4-Chloroaniline	44		**21**	Q	40-140	**71**	Q	30
2-Nitroaniline	80		74		52-143	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1739391-2 WG1739391-3								
3-Nitroaniline	72		61		25-145	17		30
4-Nitroaniline	80		66		51-143	19		30
Dibenzofuran	66		60		40-140	10		30
2-Methylnaphthalene	63		54		40-140	15		30
1,2,4,5-Tetrachlorobenzene	57		51		2-134	11		30
Acetophenone	66		59		39-129	11		30
2,4,6-Trichlorophenol	60		53		30-130	12		30
p-Chloro-m-cresol	62		57		23-97	8		30
2-Chlorophenol	67		59		27-123	13		30
2,4-Dichlorophenol	65		57		30-130	13		30
2,4-Dimethylphenol	37		**20**	Q	30-130	**60**	Q	30
2-Nitrophenol	86		74		30-130	15		30
4-Nitrophenol	**81**	Q	75		10-80	8		30
2,4-Dinitrophenol	91		95		20-130	4		30
4,6-Dinitro-o-cresol	98		96		20-164	2		30
Pentachlorophenol	65		65		9-103	0		30
Phenol	53		48		12-110	10		30
2-Methylphenol	59		50		30-130	17		30
3-Methylphenol/4-Methylphenol	64		55		30-130	15		30
2,4,5-Trichlorophenol	64		56		30-130	13		30
Benzoic Acid	51		69		10-164	30		30
Benzyl Alcohol	64		56		26-116	13		30
Carbazole	66		60		55-144	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-17 Batch: WG1739391-2 WG1739391-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		54		21-120
Phenol-d6	58		51		10-120
Nitrobenzene-d5	76		69		23-120
2-Fluorobiphenyl	60		54		15-120
2,4,6-Tribromophenol	72		62		10-120
4-Terphenyl-d14	60		55		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 16-17 Batch: WG1739392-2 WG1739392-3								
Acenaphthene	77		79		40-140	3		40
2-Chloronaphthalene	75		76		40-140	1		40
Fluoranthene	78		84		40-140	7		40
Hexachlorobutadiene	74		77		40-140	4		40
Naphthalene	71		75		40-140	5		40
Benzo(a)anthracene	84		89		40-140	6		40
Benzo(a)pyrene	83		90		40-140	8		40
Benzo(b)fluoranthene	79		95		40-140	18		40
Benzo(k)fluoranthene	88		86		40-140	2		40
Chrysene	83		90		40-140	8		40
Acenaphthylene	80		80		40-140	0		40
Anthracene	81		87		40-140	7		40
Benzo(ghi)perylene	88		92		40-140	4		40
Fluorene	80		84		40-140	5		40
Phenanthrene	78		85		40-140	9		40
Dibenzo(a,h)anthracene	89		96		40-140	8		40
Indeno(1,2,3-cd)pyrene	96		99		40-140	3		40
Pyrene	78		83		40-140	6		40
2-Methylnaphthalene	73		76		40-140	4		40
Pentachlorophenol	140		132		40-140	6		40
Hexachlorobenzene	92		127		40-140	32		40
Hexachloroethane	79		82		40-140	4		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 16-17 Batch: WG1739392-2 WG1739392-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		71		21-120
Phenol-d6	62		64		10-120
Nitrobenzene-d5	120		**121**	Q	23-120
2-Fluorobiphenyl	77		77		15-120
2,4,6-Tribromophenol	**127**	Q	**125**	Q	10-120
4-Terphenyl-d14	81		83		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG1739403-2 WG1739403-3								
Acenaphthene	59		72		31-137	20		50
1,2,4-Trichlorobenzene	55		70		38-107	24		50
Hexachlorobenzene	51		62		40-140	19		50
Bis(2-chloroethyl)ether	64		80		40-140	22		50
2-Chloronaphthalene	56		70		40-140	22		50
1,2-Dichlorobenzene	60		75		40-140	22		50
1,3-Dichlorobenzene	59		75		40-140	24		50
1,4-Dichlorobenzene	59		75		28-104	24		50
3,3'-Dichlorobenzidine	**37**	Q	43		40-140	15		50
2,4-Dinitrotoluene	68		85		40-132	22		50
2,6-Dinitrotoluene	59		74		40-140	23		50
Fluoranthene	58		71		40-140	20		50
4-Chlorophenyl phenyl ether	58		70		40-140	19		50
4-Bromophenyl phenyl ether	54		67		40-140	21		50
Bis(2-chloroisopropyl)ether	70		88		40-140	23		50
Bis(2-chloroethoxy)methane	64		79		40-117	21		50
Hexachlorobutadiene	52		67		40-140	25		50
Hexachlorocyclopentadiene	60		78		40-140	26		50
Hexachloroethane	60		76		40-140	24		50
Isophorone	62		77		40-140	22		50
Naphthalene	60		76		40-140	24		50
Nitrobenzene	70		86		40-140	21		50
NDPA/DPA	60		73		36-157	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG1739403-2 WG1739403-3								
n-Nitrosodi-n-propylamine	64		81		32-121	23		50
Bis(2-ethylhexyl)phthalate	70		90		40-140	25		50
Butyl benzyl phthalate	69		85		40-140	21		50
Di-n-butylphthalate	65		80		40-140	21		50
Di-n-octylphthalate	75		95		40-140	24		50
Diethyl phthalate	60		76		40-140	24		50
Dimethyl phthalate	56		69		40-140	21		50
Benzo(a)anthracene	61		75		40-140	21		50
Benzo(a)pyrene	63		78		40-140	21		50
Benzo(b)fluoranthene	62		75		40-140	19		50
Benzo(k)fluoranthene	61		77		40-140	23		50
Chrysene	59		74		40-140	23		50
Acenaphthylene	58		71		40-140	20		50
Anthracene	60		73		40-140	20		50
Benzo(ghi)perylene	60		74		40-140	21		50
Fluorene	60		73		40-140	20		50
Phenanthrene	59		73		40-140	21		50
Dibenzo(a,h)anthracene	59		74		40-140	23		50
Indeno(1,2,3-cd)pyrene	67		83		40-140	21		50
Pyrene	58		72		35-142	22		50
Biphenyl	59		73		37-127	21		50
4-Chloroaniline	**34**	Q	40		40-140	16		50
2-Nitroaniline	65		81		47-134	22		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG1739403-2 WG1739403-3								
3-Nitroaniline	51		60		26-129	16		50
4-Nitroaniline	71		88		41-125	21		50
Dibenzofuran	61		74		40-140	19		50
2-Methylnaphthalene	59		74		40-140	23		50
1,2,4,5-Tetrachlorobenzene	54		70		40-117	26		50
Acetophenone	66		82		14-144	22		50
2,4,6-Trichlorophenol	57		70		30-130	20		50
p-Chloro-m-cresol	64		80		26-103	22		50
2-Chlorophenol	66		81		25-102	20		50
2,4-Dichlorophenol	60		73		30-130	20		50
2,4-Dimethylphenol	66		79		30-130	18		50
2-Nitrophenol	67		83		30-130	21		50
4-Nitrophenol	82		100		11-114	20		50
2,4-Dinitrophenol	52		66		4-130	24		50
4,6-Dinitro-o-cresol	69		82		10-130	17		50
Pentachlorophenol	53		65		17-109	20		50
Phenol	66		80		26-90	19		50
2-Methylphenol	65		80		30-130.	21		50
3-Methylphenol/4-Methylphenol	66		80		30-130	19		50
2,4,5-Trichlorophenol	57		72		30-130	23		50
Benzoic Acid	13		16		10-110	21		50
Benzyl Alcohol	64		80		40-140	22		50
Carbazole	62		76		54-128	20		50

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG1739403-2 WG1739403-3								
1,4-Dioxane	57		72		40-140	23		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		89		25-120
Phenol-d6	70		84		10-120
Nitrobenzene-d5	70		88		23-120
2-Fluorobiphenyl	58		69		30-120
2,4,6-Tribromophenol	56		67		10-136
4-Terphenyl-d14	57		68		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 16-17 Batch: WG1743093-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	92		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	120		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	115		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	112		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	116		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	110		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	110		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	130		-		40-150	-		30

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Project Name: 466 MAIN ST.

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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 16-17 Batch: WG1743093-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	77				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**155**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79				20-150

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Project Number: 12587
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Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 16-17 Batch: WG1743093-3								
Perfluorobutanoic Acid (PFBA)	108		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	107		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	109		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	108		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	109		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	116		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	126		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	111		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	115		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	106		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	110		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	99		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	112		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	102		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	118		-		40-150	-		30

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Project Name: 466 MAIN ST.

Project Number: 12587

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 16-17 Batch: WG1743093-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	144				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 10 Batch: WG1744424-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	101		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	114		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	102		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	105		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	105		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	95		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	121		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	92		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	92		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	100		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	72		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		40-150	-		30

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Project Name: 466 MAIN ST.
Project Number: 12587
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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 10 Batch: WG1744424-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	86				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	43				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	28				20-150

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Project Name: 466 MAIN ST.
Project Number: 12587

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 10 Batch: WG1744424-3								
Perfluorobutanoic Acid (PFBA)	95		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	97		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	92		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	122		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	124		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	98		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	103		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	99		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	106		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	100		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	113		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	83		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	90		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	87		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	68		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	89		-		40-150	-		30

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Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 10 Batch: WG1744424-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	104				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	107				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	106				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	103				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44				20-150

PCBS

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01
Client ID: SB-201 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 04:35
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:40
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.7	3.44	1	A
Aroclor 1221	ND		ug/kg	38.7	3.88	1	A
Aroclor 1232	ND		ug/kg	38.7	8.20	1	A
Aroclor 1242	ND		ug/kg	38.7	5.21	1	A
Aroclor 1248	ND		ug/kg	38.7	5.80	1	A
Aroclor 1254	ND		ug/kg	38.7	4.23	1	A
Aroclor 1260	ND		ug/kg	38.7	7.15	1	A
Aroclor 1262	ND		ug/kg	38.7	4.91	1	A
Aroclor 1268	ND		ug/kg	38.7	4.01	1	A
PCBs, Total	ND		ug/kg	38.7	3.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02
Client ID: SB-202 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 06:23
Analyst: JM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:40
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	3.36	1	A
Aroclor 1221	ND		ug/kg	37.9	3.80	1	A
Aroclor 1232	ND		ug/kg	37.9	8.03	1	A
Aroclor 1242	ND		ug/kg	37.9	5.10	1	A
Aroclor 1248	ND		ug/kg	37.9	5.68	1	A
Aroclor 1254	ND		ug/kg	37.9	4.14	1	A
Aroclor 1260	ND		ug/kg	37.9	7.00	1	A
Aroclor 1262	ND		ug/kg	37.9	4.81	1	A
Aroclor 1268	ND		ug/kg	37.9	3.92	1	B
PCBs, Total	ND		ug/kg	37.9	3.36	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03
Client ID: SB-203 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 03:55
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:40
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	3.06	1	A
Aroclor 1221	ND		ug/kg	34.5	3.45	1	A
Aroclor 1232	ND		ug/kg	34.5	7.31	1	A
Aroclor 1242	ND		ug/kg	34.5	4.65	1	A
Aroclor 1248	ND		ug/kg	34.5	5.17	1	A
Aroclor 1254	ND		ug/kg	34.5	3.77	1	A
Aroclor 1260	7.20	J	ug/kg	34.5	6.37	1	A
Aroclor 1262	ND		ug/kg	34.5	4.38	1	A
Aroclor 1268	ND		ug/kg	34.5	3.57	1	A
PCBs, Total	7.20	J	ug/kg	34.5	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04
Client ID: SB-204 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:15
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 04:45
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:40
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	3.07	1	A
Aroclor 1221	ND		ug/kg	34.6	3.47	1	A
Aroclor 1232	ND		ug/kg	34.6	7.34	1	A
Aroclor 1242	ND		ug/kg	34.6	4.67	1	A
Aroclor 1248	ND		ug/kg	34.6	5.19	1	A
Aroclor 1254	ND		ug/kg	34.6	3.79	1	A
Aroclor 1260	8.60	J	ug/kg	34.6	6.40	1	B
Aroclor 1262	ND		ug/kg	34.6	4.40	1	A
Aroclor 1268	4.08	J	ug/kg	34.6	3.59	1	A
PCBs, Total	12.7	J	ug/kg	34.6	3.07	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	34		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05
Client ID: SB-205 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:20
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 04:55
Analyst: JM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:40
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	3.29	1	A
Aroclor 1221	ND		ug/kg	37.0	3.71	1	A
Aroclor 1232	ND		ug/kg	37.0	7.85	1	A
Aroclor 1242	ND		ug/kg	37.0	4.99	1	A
Aroclor 1248	ND		ug/kg	37.0	5.55	1	A
Aroclor 1254	ND		ug/kg	37.0	4.05	1	A
Aroclor 1260	ND		ug/kg	37.0	6.84	1	B
Aroclor 1262	ND		ug/kg	37.0	4.70	1	A
Aroclor 1268	ND		ug/kg	37.0	3.84	1	A
PCBs, Total	ND		ug/kg	37.0	3.29	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06
Client ID: SB-206 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:25
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 05:05
Analyst: JM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:40
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.66	1	A
Aroclor 1232	ND		ug/kg	36.6	7.75	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.48	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	8.40	J	ug/kg	36.6	6.76	1	B
Aroclor 1262	ND		ug/kg	36.6	4.64	1	A
Aroclor 1268	4.90	J	ug/kg	36.6	3.79	1	A
PCBs, Total	13.3	J	ug/kg	36.6	3.25	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07
Client ID: SB-207 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 05:56
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:40
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.1	3.38	1	A
Aroclor 1221	ND		ug/kg	38.1	3.81	1	A
Aroclor 1232	ND		ug/kg	38.1	8.07	1	A
Aroclor 1242	ND		ug/kg	38.1	5.13	1	A
Aroclor 1248	ND		ug/kg	38.1	5.71	1	A
Aroclor 1254	ND		ug/kg	38.1	4.16	1	A
Aroclor 1260	ND		ug/kg	38.1	7.03	1	A
Aroclor 1262	ND		ug/kg	38.1	4.83	1	A
Aroclor 1268	ND		ug/kg	38.1	3.94	1	A
PCBs, Total	ND		ug/kg	38.1	3.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08
Client ID: SB-208 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:35
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 15:35
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/03/23 09:07
Cleanup Method: EPA 3665A
Cleanup Date: 02/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	3.27	1	A
Aroclor 1221	ND		ug/kg	36.8	3.69	1	A
Aroclor 1232	ND		ug/kg	36.8	7.80	1	A
Aroclor 1242	ND		ug/kg	36.8	4.96	1	A
Aroclor 1248	ND		ug/kg	36.8	5.52	1	A
Aroclor 1254	ND		ug/kg	36.8	4.02	1	A
Aroclor 1260	15.1	JP	ug/kg	36.8	6.80	1	A
Aroclor 1262	ND		ug/kg	36.8	4.67	1	A
Aroclor 1268	4.58	J	ug/kg	36.8	3.81	1	B
PCBs, Total	19.7	J	ug/kg	36.8	3.27	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09
Client ID: SB-209 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:40
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 06:32
Analyst: JM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.4	3.50	1	A
Aroclor 1221	ND		ug/kg	39.4	3.95	1	A
Aroclor 1232	ND		ug/kg	39.4	8.36	1	A
Aroclor 1242	ND		ug/kg	39.4	5.32	1	A
Aroclor 1248	ND		ug/kg	39.4	5.92	1	A
Aroclor 1254	ND		ug/kg	39.4	4.32	1	A
Aroclor 1260	ND		ug/kg	39.4	7.29	1	A
Aroclor 1262	ND		ug/kg	39.4	5.01	1	A
Aroclor 1268	ND		ug/kg	39.4	4.09	1	A
PCBs, Total	ND		ug/kg	39.4	3.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10
Client ID: SB-210 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:45
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 06:41
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.66	1	A
Aroclor 1232	ND		ug/kg	36.6	7.75	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.48	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	ND		ug/kg	36.6	6.76	1	A
Aroclor 1262	ND		ug/kg	36.6	4.64	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11
Client ID: SB-211 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:50
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 06:14
Analyst: JM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	3.14	1	A
Aroclor 1221	ND		ug/kg	35.3	3.54	1	A
Aroclor 1232	ND		ug/kg	35.3	7.49	1	A
Aroclor 1242	ND		ug/kg	35.3	4.76	1	A
Aroclor 1248	ND		ug/kg	35.3	5.30	1	A
Aroclor 1254	ND		ug/kg	35.3	3.87	1	A
Aroclor 1260	ND		ug/kg	35.3	6.53	1	A
Aroclor 1262	ND		ug/kg	35.3	4.49	1	A
Aroclor 1268	ND		ug/kg	35.3	3.66	1	A
PCBs, Total	ND		ug/kg	35.3	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12
Client ID: SB-212 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:55
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 06:50
Analyst: JM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

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	7.52	1	A
Aroclor 1242	ND		ug/kg	35.5	4.78	1	A
Aroclor 1248	ND		ug/kg	35.5	5.32	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	62		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13
Client ID: SB-213 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 10:20
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	3.06	1	A
Aroclor 1221	ND		ug/kg	34.4	3.45	1	A
Aroclor 1232	ND		ug/kg	34.4	7.30	1	A
Aroclor 1242	ND		ug/kg	34.4	4.64	1	A
Aroclor 1248	ND		ug/kg	34.4	5.16	1	A
Aroclor 1254	ND		ug/kg	34.4	3.77	1	A
Aroclor 1260	ND		ug/kg	34.4	6.36	1	A
Aroclor 1262	ND		ug/kg	34.4	4.37	1	A
Aroclor 1268	ND		ug/kg	34.4	3.57	1	A
PCBs, Total	ND		ug/kg	34.4	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14
Client ID: SB-214 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 10:28
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	3.06	1	A
Aroclor 1221	ND		ug/kg	34.4	3.45	1	A
Aroclor 1232	ND		ug/kg	34.4	7.30	1	A
Aroclor 1242	ND		ug/kg	34.4	4.64	1	A
Aroclor 1248	ND		ug/kg	34.4	5.16	1	A
Aroclor 1254	ND		ug/kg	34.4	3.77	1	A
Aroclor 1260	ND		ug/kg	34.4	6.36	1	A
Aroclor 1262	ND		ug/kg	34.4	4.37	1	A
Aroclor 1268	ND		ug/kg	34.4	3.57	1	A
PCBs, Total	ND		ug/kg	34.4	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15
Client ID: SB-215 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/03/23 10:37
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	3.14	1	A
Aroclor 1221	ND		ug/kg	35.3	3.54	1	A
Aroclor 1232	ND		ug/kg	35.3	7.49	1	A
Aroclor 1242	ND		ug/kg	35.3	4.76	1	A
Aroclor 1248	ND		ug/kg	35.3	5.30	1	A
Aroclor 1254	ND		ug/kg	35.3	3.86	1	A
Aroclor 1260	ND		ug/kg	35.3	6.53	1	A
Aroclor 1262	ND		ug/kg	35.3	4.48	1	A
Aroclor 1268	ND		ug/kg	35.3	3.66	1	A
PCBs, Total	ND		ug/kg	35.3	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16
Client ID: TW-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/01/23 19:52
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 01/31/23 23:30
Cleanup Method: EPA 3665A
Cleanup Date: 02/01/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/01/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17
Client ID: TW-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/01/23 19:43
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 01/31/23 23:30
Cleanup Method: EPA 3665A
Cleanup Date: 02/01/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/01/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/31/23 08:22
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 01/30/23 23:54
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 16-17 Batch: WG1738926-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/03/23 03:06
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 01/31/23 21:40
Cleanup Method: EPA 3665A
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07,09-15 Batch: WG1739374-1						
Aroclor 1016	ND		ug/kg	32.7	2.90	A
Aroclor 1221	ND		ug/kg	32.7	3.28	A
Aroclor 1232	ND		ug/kg	32.7	6.93	A
Aroclor 1242	ND		ug/kg	32.7	4.41	A
Aroclor 1248	ND		ug/kg	32.7	4.90	A
Aroclor 1254	ND		ug/kg	32.7	3.58	A
Aroclor 1260	ND		ug/kg	32.7	6.04	A
Aroclor 1262	ND		ug/kg	32.7	4.15	A
Aroclor 1268	ND		ug/kg	32.7	3.39	A
PCBs, Total	ND		ug/kg	32.7	2.90	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/03/23 15:03
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 02/03/23 09:07
Cleanup Method: EPA 3665A
Cleanup Date: 02/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08 Batch: WG1740547-1						
Aroclor 1016	ND		ug/kg	31.6	2.81	A
Aroclor 1221	ND		ug/kg	31.6	3.17	A
Aroclor 1232	ND		ug/kg	31.6	6.71	A
Aroclor 1242	ND		ug/kg	31.6	4.26	A
Aroclor 1248	ND		ug/kg	31.6	4.75	A
Aroclor 1254	ND		ug/kg	31.6	3.46	A
Aroclor 1260	ND		ug/kg	31.6	5.85	A
Aroclor 1262	ND		ug/kg	31.6	4.02	A
Aroclor 1268	ND		ug/kg	31.6	3.28	A
PCBs, Total	ND		ug/kg	31.6	2.81	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 16-17 Batch: WG1738926-2 WG1738926-3									
Aroclor 1016	77		80		40-140	3		50	A
Aroclor 1260	75		74		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		89		30-150	A
Decachlorobiphenyl	88		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		82		30-150	B
Decachlorobiphenyl	89		89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-07,09-15 Batch: WG1739374-2 WG1739374-3									
Aroclor 1016	77		80		40-140	4		50	A
Aroclor 1260	70		71		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		78		30-150	A
Decachlorobiphenyl	77		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		71		30-150	B
Decachlorobiphenyl	68		69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08 Batch: WG1740547-2 WG1740547-3									
Aroclor 1016	74		77		40-140	4		50	A
Aroclor 1260	71		74		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		79		30-150	A
Decachlorobiphenyl	79		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		79		30-150	B
Decachlorobiphenyl	78		83		30-150	B

PESTICIDES

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01
Client ID: SB-201 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 13:00
Analyst: AAR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:23
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.779	0.348	1	A
Alpha-BHC	ND		ug/kg	0.779	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.709	1	A
Heptachlor	ND		ug/kg	0.934	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.779	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.818	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	ND		ug/kg	1.17	0.584	1	A
4,4'-DDE	ND		ug/kg	1.87	0.432	1	A
4,4'-DDD	ND		ug/kg	1.87	0.667	1	A
4,4'-DDT	ND		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.442	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.779	0.371	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.81	1	A
cis-Chlordane	ND		ug/kg	2.34	0.651	1	A
trans-Chlordane	ND		ug/kg	2.34	0.617	1	A
Chlordane	ND		ug/kg	15.6	6.19	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01 Date Collected: 01/28/23 10:00

Client ID: SB-201 (4-4.5) Date Received: 01/28/23

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	77		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02
Client ID: SB-202 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 10:36
Analyst: AAR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:23
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.336	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.903	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.753	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.790	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	ND		ug/kg	1.81	0.418	1	A
4,4'-DDD	ND		ug/kg	1.81	0.644	1	A
4,4'-DDT	ND		ug/kg	1.81	1.45	1	A
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.48	1	A
cis-Chlordane	ND		ug/kg	2.26	0.629	1	A
trans-Chlordane	ND		ug/kg	2.26	0.596	1	A
Chlordane	ND		ug/kg	15.0	5.98	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02 Date Collected: 01/28/23 10:05

Client ID: SB-202 (1.5-2) Date Received: 01/28/23

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	85		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	**162**	Q	30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03
Client ID: SB-203 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 10:48
Analyst: AAR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:23
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	7.06		ug/kg	1.04	0.520	1	B
4,4'-DDE	18.3		ug/kg	1.66	0.385	1	B
4,4'-DDD	21.2		ug/kg	1.66	0.593	1	A
4,4'-DDT	15.1		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	7.52		ug/kg	2.08	0.579	1	A
trans-Chlordane	6.37		ug/kg	2.08	0.549	1	A
Chlordane	39.2	P	ug/kg	13.9	5.51	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03 Date Collected: 01/28/23 10:10

Client ID: SB-203 (3.5-4) Date Received: 01/28/23

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	88		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04
Client ID: SB-204 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:15
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 11:00
Analyst: AAR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:23
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.318	1	A
Lindane	ND		ug/kg	0.678	0.303	1	A
Alpha-BHC	ND		ug/kg	0.678	0.192	1	A
Beta-BHC	ND		ug/kg	1.63	0.617	1	A
Heptachlor	ND		ug/kg	0.813	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.573	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.915	1	A
Endrin	ND		ug/kg	0.678	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.712	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	41.4		ug/kg	1.63	0.376	1	A
4,4'-DDD	19.2		ug/kg	1.63	0.580	1	A
4,4'-DDT	42.1		ug/kg	1.63	1.31	1	B
Endosulfan I	ND		ug/kg	1.63	0.384	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.678	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.949	1	A
Toxaphene	ND		ug/kg	30.5	8.54	1	A
cis-Chlordane	10.8		ug/kg	2.03	0.567	1	A
trans-Chlordane	8.76		ug/kg	2.03	0.537	1	B
Chlordane	121		ug/kg	13.6	5.39	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04 Date Collected: 01/28/23 10:15

Client ID: SB-204 (1-1.5) Date Received: 01/28/23

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	60		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	**281**	Q	30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05
Client ID: SB-205 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:20
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 11:12
Analyst: AAR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:23
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.01	1	A
Endrin	ND		ug/kg	0.745	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05 Date Collected: 01/28/23 10:20

Client ID: SB-205 (2.5-3) Date Received: 01/28/23

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	67		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06
Client ID: SB-206 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:25
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 11:24
Analyst: AAR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:23
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.673	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.625	1	A
Heptachlor epoxide	ND		ug/kg	3.33	0.999	1	A
Endrin	ND		ug/kg	0.740	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	3.49		ug/kg	1.78	0.633	1	A
4,4'-DDT	6.86		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06 Date Collected: 01/28/23 10:25

Client ID: SB-206 (3.5-4) Date Received: 01/28/23

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	65		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07
Client ID: SB-207 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 11:36
Analyst: AAR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:24
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.742	0.331	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.675	1	A
Heptachlor	ND		ug/kg	0.890	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.742	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.779	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	ND		ug/kg	1.78	0.412	1	A
4,4'-DDD	ND		ug/kg	1.78	0.635	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.34	1	A
cis-Chlordane	ND		ug/kg	2.22	0.620	1	A
trans-Chlordane	ND		ug/kg	2.22	0.587	1	A
Chlordane	ND		ug/kg	14.8	5.90	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07 Date Collected: 01/28/23 10:30

Client ID: SB-207 (3-3.5) Date Received: 01/28/23

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	67		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08
Client ID: SB-208 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:35
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 11:48
Analyst: AAR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:24
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.726	0.325	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.661	1	A
Heptachlor	ND		ug/kg	0.871	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.614	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.980	1	A
Endrin	ND		ug/kg	0.726	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	ND		ug/kg	1.09	0.545	1	A
4,4'-DDE	3.59		ug/kg	1.74	0.403	1	A
4,4'-DDD	ND		ug/kg	1.74	0.622	1	A
4,4'-DDT	2.53	IP	ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.15	1	A
cis-Chlordane	ND		ug/kg	2.18	0.607	1	A
trans-Chlordane	ND		ug/kg	2.18	0.575	1	A
Chlordane	ND		ug/kg	14.5	5.77	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08 Date Collected: 01/28/23 10:35

Client ID: SB-208 (4-4.5) Date Received: 01/28/23

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	67		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09
Client ID: SB-209 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:40
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 12:00
Analyst: AAR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:24
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.783	0.350	1	A
Alpha-BHC	ND		ug/kg	0.783	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.713	1	A
Heptachlor	ND		ug/kg	0.940	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.662	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.783	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.823	1	A
Endrin ketone	ND		ug/kg	1.88	0.484	1	A
Dieldrin	ND		ug/kg	1.18	0.588	1	A
4,4'-DDE	ND		ug/kg	1.88	0.435	1	A
4,4'-DDD	ND		ug/kg	1.88	0.671	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	ND		ug/kg	1.88	0.628	1	A
Endosulfan sulfate	ND		ug/kg	0.783	0.373	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.87	1	A
cis-Chlordane	ND		ug/kg	2.35	0.655	1	A
trans-Chlordane	ND		ug/kg	2.35	0.620	1	A
Chlordane	ND		ug/kg	15.7	6.23	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09 Date Collected: 01/28/23 10:40

Client ID: SB-209 (2.5-3) Date Received: 01/28/23

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	62		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10
Client ID: SB-210 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:45
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 12:12
Analyst: AAR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:24
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.855	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.962	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.998	1	A
Toxaphene	ND		ug/kg	32.1	8.98	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.564	1	A
Chlordane	ND		ug/kg	14.2	5.67	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10 Date Collected: 01/28/23 10:45

Client ID: SB-210 (2.5-3) Date Received: 01/28/23

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	65		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11
Client ID: SB-211 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:50
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 13:12
Analyst: AAR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:24
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.324	1	A
Lindane	ND		ug/kg	0.688	0.308	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.826	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.582	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.929	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.723	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	1.65	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.964	1	A
Toxaphene	ND		ug/kg	31.0	8.67	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A
trans-Chlordane	ND		ug/kg	2.06	0.545	1	A
Chlordane	ND		ug/kg	13.8	5.47	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11 Date Collected: 01/28/23 10:50

Client ID: SB-211 (3.5-4) Date Received: 01/28/23

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	65		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12
Client ID: SB-212 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:55
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 12:24
Analyst: AAR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:24
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.963	1	A
Endrin	ND		ug/kg	0.714	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.749	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	14.3	5.67	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12 Date Collected: 01/28/23 10:55

Client ID: SB-212 (3-3.5) Date Received: 01/28/23

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	69		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13
Client ID: SB-213 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 13:24
Analyst: AAR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:24
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.945	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.980	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13 Date Collected: 01/28/23 11:00

Client ID: SB-213 (3-3.5) Date Received: 01/28/23

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	58		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14
Client ID: SB-214 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 12:36
Analyst: AAR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:24
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.963	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.749	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	14.3	5.67	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14 Date Collected: 01/28/23 11:05

Client ID: SB-214 (4-4.5) Date Received: 01/28/23

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	68		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15
Client ID: SB-215 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/02/23 12:48
Analyst: AAR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 01/31/23 19:24
Cleanup Method: EPA 3620B
Cleanup Date: 02/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/02/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.400	1	A
Endosulfan II	ND		ug/kg	1.70	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15 Date Collected: 01/28/23 11:10

Client ID: SB-215 (1-1.5) Date Received: 01/28/23

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	73		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16
Client ID: TW-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/02/23 16:36
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:57

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	A
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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16 Date Collected: 01/28/23 12:00

Client ID: TW-201 Date Received: 01/28/23

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	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2305142
Project Number: 12587
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17
Client ID: TW-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/02/23 16:48
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:57

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	A
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: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17 Date Collected: 01/28/23 12:30

Client ID: TW-202 Date Received: 01/28/23

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	91		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/01/23 14:24
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 01/31/23 18:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/01/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/01/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-15 Batch: WG1739340-1						
Delta-BHC	ND		ug/kg	1.52	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.578	A
Heptachlor	ND		ug/kg	0.763	0.342	A
Aldrin	ND		ug/kg	1.52	0.537	A
Heptachlor epoxide	ND		ug/kg	2.86	0.858	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.52	0.393	A
Dieldrin	ND		ug/kg	0.954	0.477	A
4,4'-DDE	ND		ug/kg	1.52	0.353	A
4,4'-DDD	ND		ug/kg	1.52	0.544	A
4,4'-DDT	ND		ug/kg	1.52	1.23	A
Endosulfan I	ND		ug/kg	1.52	0.360	A
Endosulfan II	ND		ug/kg	1.52	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.890	A
Toxaphene	ND		ug/kg	28.6	8.01	A
cis-Chlordane	ND		ug/kg	1.91	0.531	A
trans-Chlordane	ND		ug/kg	1.91	0.503	A
Chlordane	ND		ug/kg	12.7	5.05	A

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/01/23 14:24
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 01/31/23 18:26
Cleanup Method: EPA 3620B
Cleanup Date: 02/01/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/01/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-15 Batch: WG1739340-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/02/23 15:33
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 16-17 Batch: WG1739412-1						
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		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
4,4'-DDT	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		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/02/23 15:33
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 02/01/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 16-17 Batch: WG1739412-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	94		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-15 Batch: WG1739340-2 WG1739340-3									
Delta-BHC	81		68		30-150	17		30	A
Lindane	90		75		30-150	18		30	A
Alpha-BHC	95		79		30-150	18		30	A
Beta-BHC	85		73		30-150	15		30	A
Heptachlor	95		81		30-150	16		30	A
Aldrin	86		73		30-150	16		30	A
Heptachlor epoxide	78		66		30-150	17		30	A
Endrin	93		78		30-150	18		30	A
Endrin aldehyde	71		64		30-150	10		30	A
Endrin ketone	98		85		30-150	14		30	A
Dieldrin	96		81		30-150	17		30	A
4,4'-DDE	90		76		30-150	17		30	A
4,4'-DDD	101		84		30-150	18		30	A
4,4'-DDT	94		80		30-150	16		30	A
Endosulfan I	88		74		30-150	17		30	A
Endosulfan II	95		80		30-150	17		30	A
Endosulfan sulfate	76		65		30-150	16		30	A
Methoxychlor	86		80		30-150	7		30	A
cis-Chlordane	76		65		30-150	16		30	A
trans-Chlordane	99		85		30-150	15		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-15 Batch: WG1739340-2 WG1739340-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		80		30-150	A
Decachlorobiphenyl	57		53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		79		30-150	B
Decachlorobiphenyl	114		98		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 16-17 Batch: WG1739412-2 WG1739412-3									
Delta-BHC	94		86		30-150	9		20	A
Lindane	102		94		30-150	8		20	A
Alpha-BHC	116		108		30-150	7		20	A
Beta-BHC	111		101		30-150	9		20	A
Heptachlor	107		98		30-150	8		20	A
Aldrin	102		94		30-150	8		20	A
Heptachlor epoxide	102		97		30-150	5		20	A
Endrin	108		97		30-150	11		20	A
Endrin aldehyde	89		78		30-150	13		20	A
Endrin ketone	120		107		30-150	11		20	A
Dieldrin	111		101		30-150	9		20	A
4,4'-DDE	106		95		30-150	11		20	A
4,4'-DDD	117		104		30-150	12		20	A
4,4'-DDT	101		92		30-150	9		20	A
Endosulfan I	117		110		30-150	6		20	A
Endosulfan II	113		99		30-150	13		20	A
Endosulfan sulfate	98		89		30-150	10		20	A
Methoxychlor	106		96		30-150	10		20	A
cis-Chlordane	91		82		30-150	10		20	A
trans-Chlordane	115		108		30-150	6		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 16-17 Batch: WG1739412-2 WG1739412-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		84		30-150	A
Decachlorobiphenyl	66		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		83		30-150	B
Decachlorobiphenyl	106		96		30-150	B

METALS

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01 Date Collected: 01/28/23 10:00

Client ID: SB-201 (4-4.5) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7680		mg/kg	9.12	2.46	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Antimony, Total	1.57	J	mg/kg	4.56	0.346	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Arsenic, Total	5.06		mg/kg	0.912	0.190	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Barium, Total	205		mg/kg	0.912	0.159	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.197	J	mg/kg	0.456	0.030	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.912	0.089	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Calcium, Total	31100		mg/kg	9.12	3.19	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Chromium, Total	14.3		mg/kg	0.912	0.088	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.38		mg/kg	1.82	0.151	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Copper, Total	36.7		mg/kg	0.912	0.235	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Iron, Total	15800		mg/kg	4.56	0.823	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Lead, Total	56.9		mg/kg	4.56	0.244	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Magnesium, Total	2660		mg/kg	9.12	1.40	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Manganese, Total	175		mg/kg	0.912	0.145	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Mercury, Total	0.114		mg/kg	0.077	0.050	1	01/31/23 20:45	02/02/23 12:19	EPA 7471B	1,7471B	DMB
Nickel, Total	11.7		mg/kg	2.28	0.221	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Potassium, Total	1180		mg/kg	228	13.1	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.82	0.235	2	01/31/23 20:00	02/02/23 22:55	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.456	0.258	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Sodium, Total	247		mg/kg	182	2.87	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.82	0.287	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Vanadium, Total	20.6		mg/kg	0.912	0.185	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW
Zinc, Total	127		mg/kg	4.56	0.267	2	01/31/23 20:00	02/02/23 18:35	EPA 3050B	1,6010D	AMW

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02 Date Collected: 01/28/23 10:05

Client ID: SB-202 (1.5-2) Date Received: 01/28/23

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	9.06	2.44	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Antimony, Total	1.47	J	mg/kg	4.53	0.344	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Arsenic, Total	5.84		mg/kg	0.906	0.188	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Barium, Total	131		mg/kg	0.906	0.158	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.334	J	mg/kg	0.453	0.030	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.472	J	mg/kg	0.906	0.089	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Calcium, Total	13700		mg/kg	9.06	3.17	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Chromium, Total	17.2		mg/kg	0.906	0.087	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.52		mg/kg	1.81	0.150	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Copper, Total	23.7		mg/kg	0.906	0.234	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Iron, Total	14000		mg/kg	4.53	0.818	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Lead, Total	505		mg/kg	4.53	0.243	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Magnesium, Total	4580		mg/kg	9.06	1.39	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Manganese, Total	343		mg/kg	0.906	0.144	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Mercury, Total	23.0		mg/kg	0.794	0.518	10	01/31/23 20:45	02/02/23 14:03	EPA 7471B	1,7471B	DMB
Nickel, Total	11.8		mg/kg	2.26	0.219	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Potassium, Total	1120		mg/kg	226	13.0	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Selenium, Total	0.530	J	mg/kg	1.81	0.234	2	01/31/23 20:00	02/02/23 22:42	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.453	0.256	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Sodium, Total	272		mg/kg	181	2.85	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.81	0.285	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Vanadium, Total	23.6		mg/kg	0.906	0.184	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW
Zinc, Total	213		mg/kg	4.53	0.265	2	01/31/23 20:00	02/02/23 18:57	EPA 3050B	1,6010D	AMW

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03 Date Collected: 01/28/23 10:10

Client ID: SB-203 (3.5-4) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9400		mg/kg	8.59	2.32	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Antimony, Total	1.21	J	mg/kg	4.30	0.326	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Arsenic, Total	4.12		mg/kg	0.859	0.179	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Barium, Total	76.8		mg/kg	0.859	0.150	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.197	J	mg/kg	0.430	0.028	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.272	J	mg/kg	0.859	0.084	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Calcium, Total	3870		mg/kg	8.59	3.01	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Chromium, Total	18.1		mg/kg	0.859	0.083	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.26		mg/kg	1.72	0.143	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Copper, Total	19.7		mg/kg	0.859	0.222	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Iron, Total	14500		mg/kg	4.30	0.776	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Lead, Total	334		mg/kg	4.30	0.230	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Magnesium, Total	2420		mg/kg	8.59	1.32	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Manganese, Total	334		mg/kg	0.859	0.137	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Mercury, Total	0.079		mg/kg	0.072	0.047	1	01/31/23 20:45	02/02/23 12:45	EPA 7471B	1,7471B	DMB
Nickel, Total	12.7		mg/kg	2.15	0.208	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Potassium, Total	1540		mg/kg	215	12.4	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Selenium, Total	0.528	J	mg/kg	1.72	0.222	2	01/31/23 20:00	02/02/23 22:47	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.430	0.243	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Sodium, Total	276		mg/kg	172	2.71	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.72	0.271	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Vanadium, Total	23.5		mg/kg	0.859	0.174	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW
Zinc, Total	102		mg/kg	4.30	0.252	2	01/31/23 20:00	02/02/23 19:01	EPA 3050B	1,6010D	AMW

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04 Date Collected: 01/28/23 10:15

Client ID: SB-204 (1-1.5) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8130		mg/kg	8.52	2.30	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Antimony, Total	1.52	J	mg/kg	4.26	0.324	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Arsenic, Total	7.74		mg/kg	0.852	0.177	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Barium, Total	91.1		mg/kg	0.852	0.148	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.283	J	mg/kg	0.426	0.028	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.375	J	mg/kg	0.852	0.084	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Calcium, Total	1040		mg/kg	8.52	2.98	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Chromium, Total	15.0		mg/kg	0.852	0.082	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.02		mg/kg	1.70	0.142	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Copper, Total	35.8		mg/kg	0.852	0.220	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Iron, Total	11700		mg/kg	4.26	0.770	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Lead, Total	287		mg/kg	4.26	0.228	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Magnesium, Total	1770		mg/kg	8.52	1.31	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Manganese, Total	261		mg/kg	0.852	0.136	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Mercury, Total	0.341		mg/kg	0.072	0.047	1	01/31/23 20:45	02/02/23 12:48	EPA 7471B	1,7471B	DMB
Nickel, Total	10.6		mg/kg	2.13	0.206	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Potassium, Total	864		mg/kg	213	12.3	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Selenium, Total	0.802	J	mg/kg	1.70	0.220	2	01/31/23 20:00	02/02/23 22:51	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.426	0.241	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Sodium, Total	54.8	J	mg/kg	170	2.68	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.70	0.268	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Vanadium, Total	21.9		mg/kg	0.852	0.173	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW
Zinc, Total	164		mg/kg	4.26	0.250	2	01/31/23 20:00	02/02/23 19:06	EPA 3050B	1,6010D	AMW

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05 Date Collected: 01/28/23 10:20

Client ID: SB-205 (2.5-3) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1910		mg/kg	9.12	2.46	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Antimony, Total	0.528	J	mg/kg	4.56	0.347	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Arsenic, Total	7.81		mg/kg	0.912	0.190	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Barium, Total	38.3		mg/kg	0.912	0.159	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.456	0.030	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.207	J	mg/kg	0.912	0.089	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Calcium, Total	149000		mg/kg	91.2	31.9	20	01/31/23 20:00	02/03/23 10:12	EPA 3050B	1,6010D	JMF
Chromium, Total	3.81		mg/kg	0.912	0.088	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.63		mg/kg	1.82	0.151	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Copper, Total	14.5		mg/kg	0.912	0.235	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Iron, Total	6440		mg/kg	4.56	0.824	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Lead, Total	89.3		mg/kg	4.56	0.244	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Magnesium, Total	69100		mg/kg	9.12	1.40	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Manganese, Total	116		mg/kg	0.912	0.145	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Mercury, Total	0.158		mg/kg	0.077	0.051	1	01/31/23 20:45	02/02/23 12:52	EPA 7471B	1,7471B	DMB
Nickel, Total	5.35		mg/kg	2.28	0.221	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Potassium, Total	364		mg/kg	228	13.1	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Selenium, Total	0.277	J	mg/kg	1.82	0.235	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.456	0.258	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Sodium, Total	188		mg/kg	182	2.87	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Thallium, Total	0.468	J	mg/kg	1.82	0.287	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Vanadium, Total	10.8		mg/kg	0.912	0.185	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF
Zinc, Total	43.0		mg/kg	4.56	0.267	2	01/31/23 20:00	02/03/23 09:53	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06 Date Collected: 01/28/23 10:25

Client ID: SB-206 (3.5-4) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5390		mg/kg	8.77	2.37	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Antimony, Total	4.12	J	mg/kg	4.38	0.333	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.81		mg/kg	0.877	0.182	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Barium, Total	109		mg/kg	0.877	0.152	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.141	J	mg/kg	0.438	0.029	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.290	J	mg/kg	0.877	0.086	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Calcium, Total	30900		mg/kg	8.77	3.07	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Chromium, Total	13.0		mg/kg	0.877	0.084	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.65		mg/kg	1.75	0.146	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Copper, Total	32.7		mg/kg	0.877	0.226	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Iron, Total	11600		mg/kg	4.38	0.792	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Lead, Total	335		mg/kg	4.38	0.235	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Magnesium, Total	17400		mg/kg	8.77	1.35	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Manganese, Total	274		mg/kg	0.877	0.139	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Mercury, Total	0.251		mg/kg	0.075	0.049	1	01/31/23 20:45	02/02/23 12:55	EPA 7471B	1,7471B	DMB
Nickel, Total	10.8		mg/kg	2.19	0.212	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Potassium, Total	1340		mg/kg	219	12.6	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Selenium, Total	0.561	J	mg/kg	1.75	0.226	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.438	0.248	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Sodium, Total	267		mg/kg	175	2.76	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Thallium, Total	0.316	J	mg/kg	1.75	0.276	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Vanadium, Total	19.1		mg/kg	0.877	0.178	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF
Zinc, Total	117		mg/kg	4.38	0.257	2	01/31/23 20:00	02/03/23 09:57	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07 Date Collected: 01/28/23 10:30

Client ID: SB-207 (3-3.5) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7550		mg/kg	8.97	2.42	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Antimony, Total	1.13	J	mg/kg	4.49	0.341	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.36		mg/kg	0.897	0.187	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Barium, Total	99.9		mg/kg	0.897	0.156	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.377	J	mg/kg	0.449	0.030	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.454	J	mg/kg	0.897	0.088	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Calcium, Total	6600		mg/kg	8.97	3.14	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Chromium, Total	30.1		mg/kg	0.897	0.086	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.93		mg/kg	1.79	0.149	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Copper, Total	30.4		mg/kg	0.897	0.232	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Iron, Total	13100		mg/kg	4.49	0.810	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Lead, Total	360		mg/kg	4.49	0.240	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Magnesium, Total	4110		mg/kg	8.97	1.38	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Manganese, Total	282		mg/kg	0.897	0.143	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Mercury, Total	6.46		mg/kg	0.800	0.521	10	01/31/23 20:45	02/02/23 14:07	EPA 7471B	1,7471B	DMB
Nickel, Total	11.8		mg/kg	2.24	0.217	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Potassium, Total	1140		mg/kg	224	12.9	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Selenium, Total	0.734	J	mg/kg	1.79	0.232	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.449	0.254	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Sodium, Total	284		mg/kg	179	2.83	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Thallium, Total	0.338	J	mg/kg	1.79	0.283	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Vanadium, Total	21.1		mg/kg	0.897	0.182	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF
Zinc, Total	162		mg/kg	4.49	0.263	2	01/31/23 20:00	02/03/23 10:00	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08 Date Collected: 01/28/23 10:35

Client ID: SB-208 (4-4.5) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5780		mg/kg	8.60	2.32	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Antimony, Total	1.03	J	mg/kg	4.30	0.327	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.50		mg/kg	0.860	0.179	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Barium, Total	105		mg/kg	0.860	0.150	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.276	J	mg/kg	0.430	0.028	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.260	J	mg/kg	0.860	0.084	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Calcium, Total	20100		mg/kg	8.60	3.01	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Chromium, Total	10.3		mg/kg	0.860	0.083	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.56		mg/kg	1.72	0.143	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Copper, Total	22.7		mg/kg	0.860	0.222	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Iron, Total	10200		mg/kg	4.30	0.776	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Lead, Total	131		mg/kg	4.30	0.230	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Magnesium, Total	2860		mg/kg	8.60	1.32	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Manganese, Total	184		mg/kg	0.860	0.137	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Mercury, Total	0.187		mg/kg	0.076	0.049	1	01/31/23 20:45	02/02/23 13:05	EPA 7471B	1,7471B	DMB
Nickel, Total	7.99		mg/kg	2.15	0.208	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Potassium, Total	792		mg/kg	215	12.4	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Selenium, Total	0.300	J	mg/kg	1.72	0.222	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.430	0.243	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Sodium, Total	195		mg/kg	172	2.71	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.72	0.271	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Vanadium, Total	14.7		mg/kg	0.860	0.174	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF
Zinc, Total	87.7		mg/kg	4.30	0.252	2	01/31/23 20:00	02/03/23 10:03	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09 Date Collected: 01/28/23 10:40

Client ID: SB-209 (2.5-3) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9290		mg/kg	9.14	2.47	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Antimony, Total	1.48	J	mg/kg	4.57	0.347	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Arsenic, Total	7.00		mg/kg	0.914	0.190	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Barium, Total	509		mg/kg	0.914	0.159	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.436	J	mg/kg	0.457	0.030	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.653	J	mg/kg	0.914	0.090	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Calcium, Total	14100		mg/kg	9.14	3.20	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Chromium, Total	31.1		mg/kg	0.914	0.088	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.04		mg/kg	1.83	0.152	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Copper, Total	84.3		mg/kg	0.914	0.236	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Iron, Total	17900		mg/kg	4.57	0.825	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Lead, Total	626		mg/kg	4.57	0.245	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Magnesium, Total	4070		mg/kg	9.14	1.41	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Manganese, Total	419		mg/kg	0.914	0.145	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Mercury, Total	7.86		mg/kg	0.756	0.493	10	01/31/23 20:45	02/02/23 14:10	EPA 7471B	1,7471B	DMB
Nickel, Total	13.7		mg/kg	2.28	0.221	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Potassium, Total	2190		mg/kg	228	13.2	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.83	0.236	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.457	0.259	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Sodium, Total	474		mg/kg	183	2.88	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Thallium, Total	0.428	J	mg/kg	1.83	0.288	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.2		mg/kg	0.914	0.186	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF
Zinc, Total	443		mg/kg	4.57	0.268	2	01/31/23 20:00	02/03/23 10:06	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10 Date Collected: 01/28/23 10:45

Client ID: SB-210 (2.5-3) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6020		mg/kg	8.53	2.30	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Antimony, Total	1.40	J	mg/kg	4.27	0.324	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.42		mg/kg	0.853	0.178	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Barium, Total	75.9		mg/kg	0.853	0.148	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.419	J	mg/kg	0.427	0.028	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.329	J	mg/kg	0.853	0.084	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Calcium, Total	13300		mg/kg	8.53	2.99	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Chromium, Total	23.5		mg/kg	0.853	0.082	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.89		mg/kg	1.71	0.142	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Copper, Total	41.9		mg/kg	0.853	0.220	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Iron, Total	21000		mg/kg	4.27	0.771	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Lead, Total	62.7		mg/kg	4.27	0.229	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Magnesium, Total	7050		mg/kg	8.53	1.31	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Manganese, Total	233		mg/kg	0.853	0.136	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Mercury, Total	0.126		mg/kg	0.078	0.051	1	01/31/23 20:45	02/02/23 13:43	EPA 7471B	1,7471B	DMB
Nickel, Total	22.1		mg/kg	2.13	0.206	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Potassium, Total	2920		mg/kg	213	12.3	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.71	0.220	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.07	0.604	5	01/31/23 20:00	02/03/23 10:50	EPA 3050B	1,6010D	JMF
Sodium, Total	103	J	mg/kg	171	2.69	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Thallium, Total	0.319	J	mg/kg	1.71	0.269	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.4		mg/kg	0.853	0.173	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF
Zinc, Total	67.7		mg/kg	4.27	0.250	2	01/31/23 20:00	02/03/23 10:09	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11 Date Collected: 01/28/23 10:50

Client ID: SB-211 (3.5-4) Date Received: 01/28/23

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	6120		mg/kg	8.51	2.30	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Antimony, Total	1.22	J	mg/kg	4.26	0.323	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.88		mg/kg	0.851	0.177	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Barium, Total	66.5		mg/kg	0.851	0.148	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.373	J	mg/kg	0.426	0.028	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.130	J	mg/kg	0.851	0.083	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Calcium, Total	4800		mg/kg	8.51	2.98	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Chromium, Total	19.4		mg/kg	0.851	0.082	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.84		mg/kg	1.70	0.141	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Copper, Total	24.3		mg/kg	0.851	0.220	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Iron, Total	16600		mg/kg	4.26	0.769	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Lead, Total	20.3		mg/kg	4.26	0.228	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Magnesium, Total	2840		mg/kg	8.51	1.31	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Manganese, Total	244		mg/kg	0.851	0.135	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.080	0.052	1	01/31/23 20:45	02/02/23 13:47	EPA 7471B	1,7471B	DMB
Nickel, Total	17.0		mg/kg	2.13	0.206	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Potassium, Total	3030		mg/kg	213	12.2	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.70	0.220	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.426	0.241	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Sodium, Total	259		mg/kg	170	2.68	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.70	0.268	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Vanadium, Total	22.3		mg/kg	0.851	0.173	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF
Zinc, Total	42.7		mg/kg	4.26	0.249	2	01/31/23 20:00	02/03/23 10:29	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12 Date Collected: 01/28/23 10:55

Client ID: SB-212 (3-3.5) Date Received: 01/28/23

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	10200		mg/kg	8.65	2.34	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Antimony, Total	0.945	J	mg/kg	4.33	0.329	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.67		mg/kg	0.865	0.180	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Barium, Total	147		mg/kg	0.865	0.150	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.430	J	mg/kg	0.433	0.029	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.114	J	mg/kg	0.865	0.085	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Calcium, Total	1380		mg/kg	8.65	3.03	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Chromium, Total	18.2		mg/kg	0.865	0.083	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.50		mg/kg	1.73	0.144	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Copper, Total	15.9		mg/kg	0.865	0.223	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Iron, Total	15700		mg/kg	4.33	0.781	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Lead, Total	24.0		mg/kg	4.33	0.232	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Magnesium, Total	2680		mg/kg	8.65	1.33	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Manganese, Total	438		mg/kg	0.865	0.138	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.072	0.047	1	01/31/23 20:45	02/02/23 13:50	EPA 7471B	1,7471B	DMB
Nickel, Total	14.4		mg/kg	2.16	0.209	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Potassium, Total	2550		mg/kg	216	12.5	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.73	0.223	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.433	0.245	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Sodium, Total	474		mg/kg	173	2.73	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Thallium, Total	0.389	J	mg/kg	1.73	0.273	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Vanadium, Total	24.3		mg/kg	0.865	0.176	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF
Zinc, Total	49.7		mg/kg	4.33	0.254	2	01/31/23 20:00	02/03/23 10:33	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13 Date Collected: 01/28/23 11:00

Client ID: SB-213 (3-3.5) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9290		mg/kg	8.21	2.22	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Antimony, Total	1.16	J	mg/kg	4.11	0.312	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.59		mg/kg	0.821	0.171	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Barium, Total	73.7		mg/kg	0.821	0.143	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.421		mg/kg	0.411	0.027	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.122	J	mg/kg	0.821	0.081	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Calcium, Total	3430		mg/kg	8.21	2.87	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Chromium, Total	17.1		mg/kg	0.821	0.079	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.29		mg/kg	1.64	0.136	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Copper, Total	12.7		mg/kg	0.821	0.212	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Iron, Total	13200		mg/kg	4.11	0.742	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Lead, Total	83.4		mg/kg	4.11	0.220	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Magnesium, Total	3010		mg/kg	8.21	1.26	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Manganese, Total	261		mg/kg	0.821	0.130	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Mercury, Total	0.233		mg/kg	0.077	0.050	1	01/31/23 20:45	02/02/23 13:53	EPA 7471B	1,7471B	DMB
Nickel, Total	13.5		mg/kg	2.05	0.199	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Potassium, Total	1230		mg/kg	205	11.8	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Selenium, Total	0.272	J	mg/kg	1.64	0.212	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.411	0.232	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Sodium, Total	299		mg/kg	164	2.59	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.64	0.259	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Vanadium, Total	21.9		mg/kg	0.821	0.167	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF
Zinc, Total	47.4		mg/kg	4.11	0.241	2	01/31/23 20:00	02/03/23 10:36	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14 Date Collected: 01/28/23 11:05

Client ID: SB-214 (4-4.5) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11500		mg/kg	8.46	2.28	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Antimony, Total	1.44	J	mg/kg	4.23	0.321	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.89		mg/kg	0.846	0.176	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Barium, Total	78.7		mg/kg	0.846	0.147	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.602		mg/kg	0.423	0.028	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.181	J	mg/kg	0.846	0.083	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Calcium, Total	3150		mg/kg	8.46	2.96	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Chromium, Total	28.1		mg/kg	0.846	0.081	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.42		mg/kg	1.69	0.140	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Copper, Total	21.6		mg/kg	0.846	0.218	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Iron, Total	25200		mg/kg	4.23	0.764	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Lead, Total	36.7		mg/kg	4.23	0.227	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Magnesium, Total	3730		mg/kg	8.46	1.30	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Manganese, Total	651		mg/kg	0.846	0.134	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Mercury, Total	0.202		mg/kg	0.072	0.047	1	01/31/23 20:45	02/02/23 13:57	EPA 7471B	1,7471B	DMB
Nickel, Total	15.6		mg/kg	2.11	0.205	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Potassium, Total	2380		mg/kg	211	12.2	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Selenium, Total	0.728	J	mg/kg	1.69	0.218	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.06	0.598	5	01/31/23 20:00	02/03/23 10:45	EPA 3050B	1,6010D	JMF
Sodium, Total	424		mg/kg	169	2.66	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Thallium, Total	0.429	J	mg/kg	1.69	0.266	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Vanadium, Total	39.7		mg/kg	0.846	0.172	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF
Zinc, Total	40.5		mg/kg	4.23	0.248	2	01/31/23 20:00	02/03/23 10:39	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15 Date Collected: 01/28/23 11:10

Client ID: SB-215 (1-1.5) Date Received: 01/28/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12400		mg/kg	8.72	2.36	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Antimony, Total	1.34	J	mg/kg	4.36	0.332	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.92		mg/kg	0.872	0.181	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Barium, Total	87.0		mg/kg	0.872	0.152	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.568		mg/kg	0.436	0.029	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.124	J	mg/kg	0.872	0.086	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Calcium, Total	3240		mg/kg	8.72	3.05	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Chromium, Total	18.8		mg/kg	0.872	0.084	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.16		mg/kg	1.74	0.145	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Copper, Total	15.6		mg/kg	0.872	0.225	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Iron, Total	15400		mg/kg	4.36	0.788	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Lead, Total	171		mg/kg	4.36	0.234	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Magnesium, Total	3930		mg/kg	8.72	1.34	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Manganese, Total	345		mg/kg	0.872	0.139	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Mercury, Total	0.195		mg/kg	0.074	0.048	1	01/31/23 20:45	02/02/23 14:00	EPA 7471B	1,7471B	DMB
Nickel, Total	13.0		mg/kg	2.18	0.211	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Potassium, Total	1180		mg/kg	218	12.6	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.74	0.225	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.436	0.247	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Sodium, Total	246		mg/kg	174	2.75	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Thallium, Total	0.349	J	mg/kg	1.74	0.275	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Vanadium, Total	27.4		mg/kg	0.872	0.177	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF
Zinc, Total	51.0		mg/kg	4.36	0.256	2	01/31/23 20:00	02/03/23 10:42	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16 Date Collected: 01/28/23 12:00

Client ID: TW-201 Date Received: 01/28/23

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	125.		mg/l	0.0100	0.00327	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.02571		mg/l	0.00050	0.00016	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Barium, Total	7.864		mg/l	0.00100	0.00017	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Beryllium, Total	0.00940		mg/l	0.00050	0.00010	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00842		mg/l	0.00020	0.00005	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Calcium, Total	261.		mg/l	0.100	0.0394	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Chromium, Total	0.8076		mg/l	0.00100	0.00017	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.4200		mg/l	0.00050	0.00016	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Copper, Total	0.6255		mg/l	0.00100	0.00038	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Iron, Total	222.		mg/l	0.0500	0.0191	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Lead, Total	1.350		mg/l	0.00100	0.00034	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Magnesium, Total	144.		mg/l	0.0700	0.0242	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Manganese, Total	94.00		mg/l	0.1000	0.04400	100	02/01/23 11:54	02/01/23 19:40	EPA 3005A	1,6020B	NTB
Mercury, Total	0.00047		mg/l	0.00020	0.00009	1	02/01/23 13:01	02/02/23 09:35	EPA 7470A	1,7470A	DMB
Nickel, Total	1.208		mg/l	0.00200	0.00055	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Potassium, Total	48.4		mg/l	0.100	0.0309	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Selenium, Total	0.119		mg/l	0.00500	0.00173	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Silver, Total	0.00040		mg/l	0.00040	0.00016	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Sodium, Total	64.8		mg/l	0.100	0.0293	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Thallium, Total	0.00361		mg/l	0.00200	0.00014	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.1365		mg/l	0.00500	0.00157	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB
Zinc, Total	0.6232		mg/l	0.01000	0.00341	1	02/01/23 11:54	02/01/23 18:54	EPA 3005A	1,6020B	NTB

Project Name: 466 MAIN ST. **Lab Number:** L2305142

Project Number: 12587 **Report Date:** 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17 Date Collected: 01/28/23 12:30

Client ID: TW-202 Date Received: 01/28/23

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	150.		mg/l	0.0100	0.00327	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.04151		mg/l	0.00050	0.00016	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Barium, Total	11.71		mg/l	0.01000	0.00173	10	02/01/23 11:54	02/01/23 19:29	EPA 3005A	1,6020B	NTB
Beryllium, Total	0.01400		mg/l	0.00050	0.00010	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00658		mg/l	0.00020	0.00005	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Calcium, Total	271.		mg/l	0.100	0.0394	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Chromium, Total	0.3967		mg/l	0.00100	0.00017	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.4239		mg/l	0.00050	0.00016	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Copper, Total	0.5975		mg/l	0.00100	0.00038	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Iron, Total	165.		mg/l	0.0500	0.0191	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Lead, Total	0.2865		mg/l	0.00100	0.00034	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Magnesium, Total	117.		mg/l	0.0700	0.0242	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Manganese, Total	88.68		mg/l	0.01000	0.00440	10	02/01/23 11:54	02/01/23 19:29	EPA 3005A	1,6020B	NTB
Mercury, Total	0.00049		mg/l	0.00020	0.00009	1	02/01/23 13:01	02/02/23 09:38	EPA 7470A	1,7470A	DMB
Nickel, Total	0.7332		mg/l	0.00200	0.00055	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Potassium, Total	36.4		mg/l	0.100	0.0309	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Selenium, Total	0.169		mg/l	0.00500	0.00173	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Silver, Total	0.00053		mg/l	0.00040	0.00016	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Sodium, Total	109.		mg/l	0.100	0.0293	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Thallium, Total	0.00247		mg/l	0.00200	0.00014	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.1283		mg/l	0.00500	0.00157	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB
Zinc, Total	0.4513		mg/l	0.01000	0.00341	1	02/01/23 11:54	02/01/23 18:59	EPA 3005A	1,6020B	NTB

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

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): 01-15 Batch: WG1739216-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Barium, Total	ND		mg/kg	0.400	0.070	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Chromium, Total	ND		mg/kg	0.400	0.038	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Copper, Total	ND		mg/kg	0.400	0.103	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Iron, Total	0.499	J	mg/kg	2.00	0.361	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Lead, Total	ND		mg/kg	2.00	0.107	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Manganese, Total	ND		mg/kg	0.400	0.064	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Potassium, Total	ND		mg/kg	100	5.76	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/31/23 20:00	02/02/23 22:33	1,6010D	MRC
Silver, Total	ND		mg/kg	0.200	0.113	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Sodium, Total	ND		mg/kg	80.0	1.26	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/31/23 20:00	02/02/23 18:26	1,6010D	AMW

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): 01-15 Batch: WG1739217-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/31/23 20:45	02/02/23 12:13	1,7471B	DMB

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 16-17 Batch: WG1739627-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Antimony, Total	0.00085	J	mg/l	0.00400	0.00042	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Barium, Total	ND		mg/l	0.00100	0.00017	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Sodium, Total	0.0324	J	mg/l	0.100	0.0293	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Thallium, Total	0.00022	J	mg/l	0.00200	0.00014	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/01/23 11:54	02/01/23 17:56	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

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): 16-17 Batch: WG1739631-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/01/23 13:01	02/02/23 08:56	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 Batch: WG1739216-2 SRM Lot Number: D116-540								
Aluminum, Total	76		-		45-155	-		
Antimony, Total	150		-		2-205	-		
Arsenic, Total	111		-		82-119	-		
Barium, Total	92		-		82-118	-		
Beryllium, Total	106		-		82-118	-		
Cadmium, Total	102		-		82-118	-		
Calcium, Total	96		-		81-119	-		
Chromium, Total	103		-		81-118	-		
Cobalt, Total	99		-		83-117	-		
Copper, Total	105		-		83-117	-		
Iron, Total	101		-		58-142	-		
Lead, Total	99		-		83-117	-		
Magnesium, Total	88		-		75-125	-		
Manganese, Total	97		-		82-118	-		
Nickel, Total	102		-		82-118	-		
Potassium, Total	90		-		68-131	-		
Selenium, Total	112		-		78-122	-		
Silver, Total	105		-		79-121	-		
Sodium, Total	93		-		71-130	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	104		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 Batch: WG1739216-2 SRM Lot Number: D116-540					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-15 Batch: WG1739217-2 SRM Lot Number: D116-540					
Mercury, Total	86	-	58-142	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 16-17 Batch: WG1739627-2					
Aluminum, Total	103	-	80-120	-	
Antimony, Total	89	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	109	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	103	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Cobalt, Total	97	-	80-120	-	
Copper, Total	97	-	80-120	-	
Iron, Total	100	-	80-120	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	103	-	80-120	-	
Nickel, Total	96	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	106	-	80-120	-	
Silver, Total	97	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 16-17 Batch: WG1739627-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 16-17 Batch: WG1739631-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

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): 01-15 QC Batch ID: WG1739216-3 QC Sample: L2305142-01 Client ID: SB-201 (4-4.5)												
Aluminum, Total	7680	178	10800	**1760**	Q	-	-		75-125	-		20
Antimony, Total	1.57J	44.4	37.0	83		-	-		75-125	-		20
Arsenic, Total	5.06	10.6	13.6	80		-	-		75-125	-		20
Barium, Total	205	178	615	**231**	Q	-	-		75-125	-		20
Beryllium, Total	0.197J	4.44	4.60	104		-	-		75-125	-		20
Cadmium, Total	ND	4.7	4.37	93		-	-		75-125	-		20
Calcium, Total	31100	888	19200	**0**	Q	-	-		75-125	-		20
Chromium, Total	14.3	17.8	33.2	106		-	-		75-125	-		20
Cobalt, Total	4.38	44.4	43.0	87		-	-		75-125	-		20
Copper, Total	36.7	22.2	31.6	**0**	Q	-	-		75-125	-		20
Iron, Total	15800	88.8	13800	**0**	Q	-	-		75-125	-		20
Lead, Total	56.9	47	92.2	75		-	-		75-125	-		20
Magnesium, Total	2660	888	3030	**42**	Q	-	-		75-125	-		20
Manganese, Total	175	44.4	158	**0**	Q	-	-		75-125	-		20
Nickel, Total	11.7	44.4	48.5	83		-	-		75-125	-		20
Potassium, Total	1180	888	1410	**26**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.6	10.6	100		-	-		75-125	-		20
Silver, Total	ND	26.6	24.5	92		-	-		75-125	-		20
Sodium, Total	247	888	1120	98		-	-		75-125	-		20
Thallium, Total	ND	10.6	9.01	84		-	-		75-125	-		20
Vanadium, Total	20.6	44.4	62.8	95		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

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): 01-15 QC Batch ID: WG1739216-3 QC Sample: L2305142-01 Client ID: SB-201 (4-4.5)										
Zinc, Total	127	44.4	145	**40**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1739217-3 QC Sample: L2305142-01 Client ID: SB-201 (4-4.5)										
Mercury, Total	0.114	1.5	1.69	105		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

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): 16-17 QC Batch ID: WG1739627-3 WG1739627-4 QC Sample: L2305306-03 Client ID: MS Sample											
Aluminum, Total	0.186	2	2.26	104		2.30	106		75-125	2	20
Antimony, Total	0.00058J	0.5	0.4330	87		0.3975	80		75-125	9	20
Arsenic, Total	0.00033J	0.12	0.1187	99		0.1186	99		75-125	0	20
Barium, Total	0.08085	2	1.969	94		2.056	99		75-125	4	20
Beryllium, Total	ND	0.05	0.05669	113		0.05684	114		75-125	0	20
Cadmium, Total	ND	0.053	0.05195	98		0.05334	101		75-125	3	20
Calcium, Total	51.9	10	59.4	75		61.3	94		75-125	3	20
Chromium, Total	0.00048J	0.2	0.1860	93		0.1899	95		75-125	2	20
Cobalt, Total	0.00048J	0.5	0.4691	94		0.4810	96		75-125	3	20
Copper, Total	0.00084J	0.25	0.2354	94		0.2420	97		75-125	3	20
Iron, Total	0.387	1	1.24	85		1.32	93		75-125	6	20
Lead, Total	0.00056J	0.53	0.5313	100		0.5404	102		75-125	2	20
Magnesium, Total	7.07	10	17.4	103		16.8	97		75-125	4	20
Manganese, Total	0.1008	0.5	0.5804	96		0.6085	102		75-125	5	20
Nickel, Total	0.00114J	0.5	0.4700	94		0.4766	95		75-125	1	20
Potassium, Total	5.23	10	14.8	96		16.0	108		75-125	8	20
Selenium, Total	0.00177J	0.12	0.121	101		0.123	102		75-125	2	20
Silver, Total	ND	0.05	0.04776	96		0.04851	97		75-125	2	20
Sodium, Total	126.	10	111	**0**	Q	109	**0**	Q	75-125	2	20
Thallium, Total	0.00023J	0.12	0.1248	104		0.1245	104		75-125	0	20
Vanadium, Total	ND	0.5	0.4750	95		0.4679	94		75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

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): 16-17 QC Batch ID: WG1739627-3 WG1739627-4 QC Sample: L2305306-03 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4678	94	0.4818	96	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 16-17 QC Batch ID: WG1739631-3 WG1739631-4 QC Sample: L2305306-03 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00489	98	0.00488	98	75-125	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1739216-4 QC Sample: L2305142-01 Client ID: SB-201 (4-4.5)						
Aluminum, Total	7680	9820	mg/kg	**24**	Q	20
Antimony, Total	1.57J	1.46J	mg/kg	NC		20
Arsenic, Total	5.06	3.76	mg/kg	**29**	Q	20
Barium, Total	205	150	mg/kg	**31**	Q	20
Beryllium, Total	0.197J	0.246J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	31100	11400	mg/kg	**93**	Q	20
Chromium, Total	14.3	15.7	mg/kg	9		20
Cobalt, Total	4.38	4.46	mg/kg	2		20
Copper, Total	36.7	31.8	mg/kg	14		20
Iron, Total	15800	16400	mg/kg	4		20
Lead, Total	56.9	60.3	mg/kg	6		20
Magnesium, Total	2660	2330	mg/kg	13		20
Manganese, Total	175	175	mg/kg	0		20
Nickel, Total	11.7	11.6	mg/kg	1		20
Potassium, Total	1180	974	mg/kg	19		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	247	224	mg/kg	10		20
Thallium, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1739216-4 QC Sample: L2305142-01 Client ID: SB-201 (4-4.5)						
Vanadium, Total	20.6	21.7	mg/kg	5		20
Zinc, Total	127	88.3	mg/kg	**36**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1739216-4 QC Sample: L2305142-01 Client ID: SB-201 (4-4.5)						
Selenium, Total	ND	0.263J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1739217-4 QC Sample: L2305142-01 Client ID: SB-201 (4-4.5)						
Mercury, Total	0.114	0.081J	mg/kg	NC		20

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2305142
Report Date: 02/17/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG1739216-6 QC Sample: L2305142-01 Client ID: SB-201 (4-4.5)						
Aluminum, Total	7680	7920	mg/kg	3		20
Barium, Total	205	214	mg/kg	4		20
Calcium, Total	31100	32900	mg/kg	6		20
Copper, Total	36.7	37.5	mg/kg	2		20
Iron, Total	15800	17100	mg/kg	8		20
Magnesium, Total	2660	2800	mg/kg	5		20
Manganese, Total	175	189	mg/kg	8		20
Zinc, Total	127	132	mg/kg	4		20
Total Metals - Mansfield Lab Associated sample(s): 16-17 QC Batch ID: WG1739627-6 QC Sample: L2305306-03 Client ID: DUP Sample						
Barium, Total	0.08085	0.08170	mg/l	1		20
Calcium, Total	51.9	51.6	mg/l	1		20
Magnesium, Total	7.07	7.58	mg/l	7		20
Manganese, Total	0.1008	0.1053	mg/l	4		20
Potassium, Total	5.23	5.29	mg/l	1		20
Sodium, Total	126.	102.	mg/l	19		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-01
Client ID: SB-201 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:00
Date Received: 01/28/23
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	84.7		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	02/02/23 12:00	02/02/23 14:47	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-02
Client ID: SB-202 (1.5-2)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/02/23 12:00	02/02/23 14:48	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-03
Client ID: SB-203 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/02/23 12:00	02/02/23 14:49	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-04
Client ID: SB-204 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:15
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/02/23 12:00	02/02/23 14:50	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-05
Client ID: SB-205 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:20
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/02/23 12:00	02/02/23 14:51	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-06
Client ID: SB-206 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:25
Date Received: 01/28/23
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	87.2		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/02/23 12:00	02/02/23 14:52	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-07
Client ID: SB-207 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:30
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	02/02/23 12:00	02/02/23 14:53	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-08
Client ID: SB-208 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:35
Date Received: 01/28/23
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	87.1		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/02/23 12:00	02/02/23 15:02	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-09
Client ID: SB-209 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:40
Date Received: 01/28/23
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	83.7		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	0.40	J	mg/kg	1.1	0.24	1	02/02/23 12:00	02/02/23 15:05	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-10
Client ID: SB-210 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:45
Date Received: 01/28/23
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	88.9		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/02/23 12:00	02/02/23 15:06	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-11
Client ID: SB-211 (3.5-4)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:50
Date Received: 01/28/23
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	91.2		%	0.100	NA	1	-	01/31/23 13:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/02/23 12:00	02/02/23 15:07	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-12
Client ID: SB-212 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 10:55
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	02/01/23 09:36	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/02/23 12:00	02/02/23 15:10	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-13
Client ID: SB-213 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:00
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	02/01/23 09:36	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/02/23 12:00	02/02/23 15:11	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-14
Client ID: SB-214 (4-4.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:05
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	02/01/23 09:36	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/02/23 12:00	02/02/23 15:12	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-15
Client ID: SB-215 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 11:10
Date Received: 01/28/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	02/01/23 09:36	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/02/23 12:00	02/02/23 15:13	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-16
Client ID: TW-201
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:00
Date Received: 01/28/23
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	02/02/23 01:10	02/02/23 11:55	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

SAMPLE RESULTS

Lab ID: L2305142-17
Client ID: TW-202
Sample Location: NEW ROCHELLE, NY

Date Collected: 01/28/23 12:30
Date Received: 01/28/23
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	02/02/23 01:10	02/02/23 11:56	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

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): 16-17 Batch: WG1739887-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	02/02/23 01:10	02/02/23 11:46	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1740107-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	02/02/23 12:00	02/02/23 14:21	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 08-15 Batch: WG1740108-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	02/02/23 12:00	02/02/23 14:54	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 16-17 Batch: WG1739887-2 WG1739887-3								
Cyanide, Total	102		105		85-115	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1740107-2 WG1740107-3								
Cyanide, Total	**51**	Q	**74**	Q	80-120	**36**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 08-15 Batch: WG1740108-2 WG1740108-3								
Cyanide, Total	**34**	Q	91		80-120	**67**	Q	35

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2305142
Report Date: 02/17/23

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): 16-17 QC Batch ID: WG1739887-4 WG1739887-5 QC Sample: L2305306-01 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.199	100		0.175	88		80-120	13		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1740107-4 WG1740107-5 QC Sample: L2304809-08 Client ID: MS Sample												
Cyanide, Total	ND	9.7	9.6	99		9.9	100		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 08-15 QC Batch ID: WG1740108-4 WG1740108-5 QC Sample: L2305142-08 Client ID: SB-208 (4-4.5)												
Cyanide, Total	ND	11	7.4	**67**	Q	4.1	**38**	Q	75-125	**57**	Q	35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2305142

Report Date: 02/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1739108-1 QC Sample: L2305142-01 Client ID: SB-201 (4-4.5)						
Solids, Total	84.7	84.6	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 12-15 QC Batch ID: WG1739541-1 QC Sample: L2305289-01 Client ID: DUP Sample						
Solids, Total	86.6	86.9	%	0		20

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2305142-01A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2305142-01B	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-01C	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-01D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2305142-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2305142-01F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-02A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2305142-02B	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-02C	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-02D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2305142-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2305142-02F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-03A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2305142-03B	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2305142-03C	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-03D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2305142-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2305142-03F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-04A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2305142-04B	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-04C	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-04D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		NYTCL-8260HLW(14),TS(7)
L2305142-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2305142-04F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-04X	Vial MeOH preserved split	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2305142-05A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2305142-05B	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-05C	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-05D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2305142-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	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),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2305142-05F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-06A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2305142-06B	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-06C	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2305142-06D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2305142-06E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2305142-06F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-07A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2305142-07B	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-07C	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-07D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2305142-07E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2305142-07F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-08A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2305142-08B	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-08C	Vial water preserved	B	NA		3.2	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-08D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2305142-08E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2305142-08F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-09A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2305142-09B	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-09C	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-09D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2305142-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2305142-09F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-10A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2305142-10B	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-10C	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-10D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L2305142-10E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2305142-10F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2305142-10G	Plastic 8oz unpreserved	D	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2305142-10H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-11A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2305142-11B	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-11C	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-11D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2305142-11E	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),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-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)
L2305142-11F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-12A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2305142-12B	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-12C	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-12D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2305142-12E	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),TL-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),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2305142-12F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-13A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2305142-13B	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-13C	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-13D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2305142-13E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2305142-13F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-14A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2305142-14B	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-14C	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-14D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2305142-14E	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),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2305142-14F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-15A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2305142-15B	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-15C	Vial water preserved	A	NA		2.7	Y	Absent	28-JAN-23 18:16	NYTCL-8260HLW(14)
L2305142-15D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2305142-15E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2305142-15F	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2305142-16A	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2305142-16B	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2305142-16C	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2305142-16D	Plastic 250ml NaOH preserved	C	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2305142-16E	Plastic 250ml HNO3 preserved	C	<2	<2	2.6	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2305142-16F	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2305142-16G	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2305142-16H	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2305142-16I	Amber 120ml unpreserved	C	77	77	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2305142-16J	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2305142-16K	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2305142-16L	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		HOLD-1,4DIOX(7)
L2305142-16M	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		HOLD-1,4DIOX(7)
L2305142-16N	Plastic 500ml unpreserved	D	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2305142-16O	Plastic 500ml unpreserved	D	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2305142-16P	Plastic 500ml unpreserved	D	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2305142-17A	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2305142-17B	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2305142-17C	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

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Project Number: 12587

Lab Number: L2305142
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2305142-17D	Plastic 250ml NaOH preserved	C	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2305142-17E	Plastic 250ml HNO3 preserved	C	<2	<2	2.6	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2305142-17F	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2305142-17G	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2305142-17H	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2305142-17I	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2305142-17J	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2305142-17K	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2305142-17L	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		HOLD-1,4DIOX(7)
L2305142-17M	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		HOLD-1,4DIOX(7)
L2305142-17N	Plastic 500ml unpreserved	D	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2305142-17O	Plastic 500ml unpreserved	D	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2305142-17P	Plastic 500ml unpreserved	D	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)

*Values in parentheses indicate holding time in days

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Lab Number: L2305142
Report Date: 02/17/23

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/PFTeDA	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/PFDoS	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
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
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/PFOSA	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
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

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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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.

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Footnotes

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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

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Data Qualifiers

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; 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, SM9222D.**

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, EPA 537.1.

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 3

Date Rec'd in Lab: 1/30/23

ALPHA Job #: L2305142

Client Information

Client: SESI
Address: 959 US46 E Ste 300
Parsippany, NJ
Phone: 973-808-9050
Fax:
Email: james.vandervliet@sesi.org

Project Information

Project Name: 466 Main St.
Project Location: New Rochelle, NY
Project #: 12587
(Use Project name as Project #) ☐
Project Manager: ~~Chris Motticini~~ James VanderVliet
ALPHAQuote #: 413207

Turn-Around Time

Standard ☑ Due Date: 2/11/23
Rush (only if pre approved) ☐ # of Days: 14

Deliverables

☐ ASP-A ☑ ~~ASP-B~~
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ ~~Same as Client Info~~
PO #

Regulatory Requirement

☑ ~~NY TOGS~~ ☑ ~~NY Part 375~~
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL+30/TAL
PFAS 1633

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	PFAS 1633	Total Bottle
05142-01	SB-201 (4-4.5)	1/23/23	1000	S	JL	✓		6
-02	SB-202 (1.5-2)	"	1005	"	"	"		"
-03	SB-203 (3.5-4)	"	1010	"	"	"		"
-04	SB-204 (1-1.5)	"	1015	"	"	"		"
-05	SB-205 (2.5-3)	"	1020	"	"	"		"
-06	SB-206 (3.5-4)	"	1025	"	"	"		"
-07	SB-207 (3-3.5)	"	1030	"	"	"		"
-08	SB-208 (4-4.5)	"	1035	"	"	"		"
-09	SB-209 (2.5-3)	"	1040	"	"	"		"
10	SB-210 (2.5-3)	↓	1045	↓	↓	↓	✓	18

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
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Jeffrey Lambon	1/28/23 1630	MSNIA (my)	1/28/23 1630
MSNIA (my)	1/29/23 1817	MSNIA (my)	1/30/23 1703
MSNIA (my)	1/30/23		
			1/30/23 2215

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)

NEW YORK 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: 2 of 3

Date Rec'd in Lab: 1/30/23

ALPHA Job #: L2305142

Client Information

Client: SESI
Address: 959 US46E Ste 300, Parsippany, NJ
Phone:
Fax:
Email: James.vanderulpetose@sesi.com

Project Information

Project Name: 466 Main St.
Project Location: New Rochelle, NY
Project #: 12587
(Use Project name as Project #)
Project Manager: James VanderUlpet
ALPHAQuote #:

Turn-Around Time

Standard: ☑ Due Date: 2/11/23
Rush (only if pre approved): ☐ # of Days: 14

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☑ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL+30/TAL
PFAS 1633

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials									Total Bottle
06142 -11	SB-211 (3.5-4)	1/28/23	1050	S	JL	✓								6
-12	SB-212 (3-3.5)		1055											
-13	SB-213 (3-3.5)		1100											
-14	SB-214 (4-4.5)		1105											
-15	SB-215 (1-1.5)		1110											

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														
Preservative														

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	1/28/23 1630	MSMA (via)	1/28/23 1630
MSMA (via)	1/29/23 1810	MSMA (via)	1/30/23 1703
MSMA (via)	1/30/23	[illegible]	
		MSMA	1/30/23 2215

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)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
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Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
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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: 3 of 3

Date Rec'd in Lab: 1/30/23

ALPHA Job #: L2305142

Client Information

Client: SEST
Address: 959 US46E Ste300 Parsippany NJ
Phone:
Fax:
Email: james.vandervliet@sesi.org

Project Information

Project Name: 46 Main St.
Project Location: New Rochelle, NY
Project #: 12587
(Use Project name as Project #) ☐
Project Manager: James Vander Vliet
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date: 2/11/23
Rush (only if pre approved) ☐ # of Days: 14

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: HOLD 1,4-Dioxane analysis until AR or results are released

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	PFAS	1,4-Dioxane						Total Bottle
65142 -16	TW-201	1/28/23	1300	GW	JL	✓	✓	✓					16	13
-17	TW-202	↓	1230	↓	↓	✓	✓	✓					16	14

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

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
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1/28/23 16:30	MSM [signature]	1/28/23 1630
MSM [signature]	1/28/23 1816	MSM [signature]	1/30/23 1703
[signature]	[signature]	[signature]	[signature]
[signature]	[signature]	[signature] MW	1/30/23 2015

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)

Serial_No:02172312:09

Service Center: NJSC

Client Name: ______

SAMPLE IDs	Transfer to Service Center FREEZER			Transfer to Mobile FREEZER		Temperature at Lab Receipt	Transfer to Lab FREEZER	
	DATE/TIME	INITIALS	Temp (°C)	DATE/TIME	INITIALS	Temp (°C)	DATE/TIME	INITIALS
SB-201 (4-4.5)	1/28/23 1816	MSMA	-14.7	1/30/23 1300	CS	-3.5	1/30/23 2215	MW
SB-202 (1.5-2)	↓	↓	↓	↓	↓	↓	↓	MW
SB-203 (3.5-4)	↓	↓	↓	↓	↓	↓	↓	MW
SB-204 (1-1.5)	↓	↓	↓	↓	↓	↓	↓	MW
SB-205 (2.5-3)	↓	↓	↓	↓	↓	↓	↓	MW
SB-206 (3.5-4)	↓	↓	↓	↓	↓	↓	↓	MW
SB-207 (3-3.5)	↓	↓	↓	↓	↓	↓	↓	MW
SB-208 (4-4.5)	↓	↓	↓	↓	↓	↓	↓	MW
SB-209 (2.5-3)	↓	↓	↓	↓	↓	↓	↓	MW
SB-210 (2.5-3)	↓	↓	↓	↓	↓	↓	↓	MW
SB-211 (3.5-4)	↓	↓	↓	↓	↓	↓	↓	MW
SB-212 (3-3.5)	↓	↓	↓	↓	↓	↓	↓	MW
SB-213 (3-3.5)	↓	↓	↓	↓	↓	↓	↓	MW
SB-214 (4-4.5)	↓	↓	↓	↓	↓	↓	↓	MW
SB-215 (1-1.5)	↓	↓	↓	↓	↓	↓	↓	MW

Freezer ID: ______
Thermometer ID: ______

Freezer ID: ______

Thermometer ID:

Page ____ of ____

Alpha Analytical, Inc.
Facility: Company-wide
Department: Quality Assurance
Title: Temperature Log

R
Published Date: 5/1/2014 8:5
Pa

Month / Year:	Unit ID:	Thermometer SN:	Correction Factor Add: Subtract:
1/2023		H211220 5	
		Min-Max Thermometer SN:	Correction Factor Add: Subtract:

Day	Observed Temperature Reading MIN (°C)	MAX	Initials	Comments TIME	CURRENT TEMP
1					
2					
3	-20.9	-18.6	CS	08:00	-20.0
4	-20.9	-19.0	CS	08:00	-20.2
5	-20.7	-19.0	CS	08:00	-20.1
6	-20.7	-19.0	CS	07:55	-19.9
7					
8					
9	-20.8	-19.0	CS	07:55	-20.3
10	-20.9	-19.0	CS	07:55	-20.0
11	-20.8	-19.0	CS	07:55	-20.4
12	-21.0	-19.0	AG	08:00	-20.0
13	-20.9	-19.0	AG	08:15	-20.7
14					
15					
16	-21.0	-19.0	CS	07:55	-20.6
17	-20.9	-19.0	AG	08:00	-20.6
18	-20.9	-19.0	CS	07:55	-20.3
19	-20.9	-19.0	CS	07:30	-20.0
20	-21.0	-19.0	AG	08:00	-20.7
21					
22					
23	-20.9	-18.0	AG	08:05	-19.3
24	-21.0	-18.0	CS	07:55	-20.9
25	-21.0	-19.0	AG	08:00	-19.6
26	-21.2	-19.3	AG	08:10	-19.4
27	-21.2	-19.3	AG	08:10	-20.0
28					
29					
30	-21.4	-19.3	AG	08:00	-20.6
31					

Acceptable Range:

ANALYTICAL REPORT

Lab Number:	L2361279
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	466 MAIN ST
Project Number:	12587
Report Date:	11/02/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2361279-01	SB-306 (6-6.5)	SOIL	466 MAIN ST, NEW ROCHELLE, NY	10/16/23 15:05	10/16/23

Project Name:	466 MAIN ST	**Lab Number:**	L2361279
Project Number:	12587	**Report Date:**	11/02/23

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: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Case Narrative (continued)

Report Submission

November 02, 2023: This final report includes the results of all requested analyses.

October 23, 2023: 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 WG1840863-2/-3 LCS/LCSD recoveries, associated with L2361279-01, are below the acceptance criteria for benzoic acid (8%/7%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2361279-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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: 11/02/23

ORGANICS

VOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01
Client ID: SB-306 (6-6.5)
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY
Date Collected: 10/16/23 15:05
Date Received: 10/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/19/23 18:36
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.15	1
Benzene	ND		ug/kg	0.47	0.15	1
Toluene	ND		ug/kg	0.93	0.51	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 466 MAIN ST **Lab Number:** L2361279

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01 Date Collected: 10/16/23 15:05

Client ID: SB-306 (6-6.5) Date Received: 10/16/23

Sample Location: 466 MAIN ST, 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	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 466 MAIN ST
Lab Number: L2361279
Project Number: 12587
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01
Client ID: SB-306 (6-6.5)
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY
Date Collected: 10/16/23 15:05
Date Received: 10/16/23
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	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	7.71	J	ug/kg			1
Unknown	7.71	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/23 18:15
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1842403-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/23 18:15
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1842403-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/23 18:15
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1842403-5					
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	8.31	J	ug/kg

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/23 18:15
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1842403-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1842403-3 WG1842403-4								
Methylene chloride	88		90		70-130	2		30
1,1-Dichloroethane	95		94		70-130	1		30
Chloroform	97		98		70-130	1		30
Carbon tetrachloride	90		90		70-130	0		30
1,2-Dichloropropane	96		95		70-130	1		30
Dibromochloromethane	102		103		70-130	1		30
1,1,2-Trichloroethane	105		106		70-130	1		30
Tetrachloroethene	97		96		70-130	1		30
Chlorobenzene	103		104		70-130	1		30
Trichlorofluoromethane	100		99		70-139	1		30
1,2-Dichloroethane	94		96		70-130	2		30
1,1,1-Trichloroethane	96		96		70-130	0		30
Bromodichloromethane	99		100		70-130	1		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	99		99		70-130	0		30
1,1-Dichloropropene	86		87		70-130	1		30
Bromoform	103		106		70-130	3		30
1,1,2,2-Tetrachloroethane	89		86		70-130	3		30
Benzene	101		100		70-130	1		30
Toluene	99		100		70-130	1		30
Ethylbenzene	102		102		70-130	0		30
Chloromethane	105		103		52-130	2		30
Bromomethane	101		100		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1842403-3 WG1842403-4								
Vinyl chloride	93		92		67-130	1		30
Chloroethane	92		89		50-151	3		30
1,1-Dichloroethene	89		87		65-135	2		30
trans-1,2-Dichloroethene	88		85		70-130	3		30
Trichloroethene	108		113		70-130	5		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	97		97		70-130	0		30
1,4-Dichlorobenzene	96		97		70-130	1		30
Methyl tert butyl ether	84		86		66-130	2		30
p/m-Xylene	102		103		70-130	1		30
o-Xylene	102		102		70-130	0		30
cis-1,2-Dichloroethene	93		93		70-130	0		30
Dibromomethane	97		98		70-130	1		30
Styrene	105		106		70-130	1		30
Dichlorodifluoromethane	95		94		30-146	1		30
Acetone	100		100		54-140	0		30
Carbon disulfide	93		92		59-130	1		30
2-Butanone	93		94		70-130	1		30
Vinyl acetate	90		75		70-130	18		30
4-Methyl-2-pentanone	87		91		70-130	4		30
1,2,3-Trichloropropane	101		105		68-130	4		30
2-Hexanone	91		97		70-130	6		30
Bromochloromethane	89		89		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1842403-3 WG1842403-4								
2,2-Dichloropropane	85		85		70-130	0		30
1,2-Dibromoethane	102		104		70-130	2		30
1,3-Dichloropropane	107		108		69-130	1		30
1,1,1,2-Tetrachloroethane	96		99		70-130	3		30
Bromobenzene	99		98		70-130	1		30
n-Butylbenzene	106		106		70-130	0		30
sec-Butylbenzene	98		99		70-130	1		30
tert-Butylbenzene	92		93		70-130	1		30
o-Chlorotoluene	96		98		70-130	2		30
p-Chlorotoluene	98		98		70-130	0		30
1,2-Dibromo-3-chloropropane	89		95		68-130	7		30
Hexachlorobutadiene	118		119		67-130	1		30
Isopropylbenzene	96		97		70-130	1		30
p-Isopropyltoluene	93		94		70-130	1		30
Naphthalene	88		91		70-130	3		30
Acrylonitrile	88		94		70-130	7		30
n-Propylbenzene	100		101		70-130	1		30
1,2,3-Trichlorobenzene	110		111		70-130	1		30
1,2,4-Trichlorobenzene	108		109		70-130	1		30
1,3,5-Trimethylbenzene	97		98		70-130	1		30
1,2,4-Trimethylbenzene	97		98		70-130	1		30
1,4-Dioxane	77		82		65-136	6		30
p-Diethylbenzene	94		93		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1842403-3 WG1842403-4								
p-Ethyltoluene	95		97		70-130	2		30
1,2,4,5-Tetramethylbenzene	94		95		70-130	1		30
Ethyl ether	87		88		67-130	1		30
trans-1,4-Dichloro-2-butene	82		86		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		101		70-130
Toluene-d8	103		105		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	97		97		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01
Client ID: SB-306 (6-6.5)
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/16/23 15:05
Date Received: 10/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/19/23 03:26
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/17/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	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	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 466 MAIN ST **Lab Number:** L2361279

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01 Date Collected: 10/16/23 15:05

Client ID: SB-306 (6-6.5) Date Received: 10/16/23

Sample Location: 466 MAIN ST, 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	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	74.	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	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	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: 466 MAIN ST **Lab Number:** L2361279

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01 Date Collected: 10/16/23 15:05

Client ID: SB-306 (6-6.5) Date Received: 10/16/23

Sample Location: 466 MAIN ST, NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	91		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01
Client ID: SB-306 (6-6.5)
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/16/23 15:05
Date Received: 10/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 10/31/23 15:29
Analyst: AC
Percent Solids: 92%

Extraction Method: EPA 1633
Extraction Date: 10/24/23 18:00
Cleanup Method: EPA 1633
Cleanup Date: 10/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.788	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.788	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.788	0.381	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
PFOA/PFOS, Total	ND		ng/g	0.197	0.051	1

Project Name: 466 MAIN ST **Lab Number:** L2361279

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01 Date Collected: 10/16/23 15:05

Client ID: SB-306 (6-6.5) Date Received: 10/16/23

Sample Location: 466 MAIN ST, NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	104		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	67		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	36		20-150

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/18/23 01:21
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 10/17/23 15:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1840863-1					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/18/23 01:21
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 10/17/23 15:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1840863-1					
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	32.
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	21.
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	20.
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: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/18/23 01:21
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 10/17/23 15:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1840863-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
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	58		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	66		18-120

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/31/23 10:05
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/24/23 18:00
Cleanup Method: EPA 1633
Cleanup Date: 10/25/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1843733-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
PFOA/PFOS, Total	ND		ng/g	0.200	0.052

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/31/23 10:05
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/24/23 18:00
Cleanup Method: EPA 1633
Cleanup Date: 10/25/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1843733-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	96		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1840863-2 WG1840863-3								
Acenaphthene	65		49		31-137	28		50
1,2,4-Trichlorobenzene	72		56		38-107	25		50
Hexachlorobenzene	82		61		40-140	29		50
Bis(2-chloroethyl)ether	66		51		40-140	26		50
2-Chloronaphthalene	74		56		40-140	28		50
1,2-Dichlorobenzene	69		53		40-140	26		50
1,3-Dichlorobenzene	69		52		40-140	28		50
1,4-Dichlorobenzene	68		52		28-104	27		50
3,3'-Dichlorobenzidine	66		50		40-140	28		50
2,4-Dinitrotoluene	76		56		40-132	30		50
2,6-Dinitrotoluene	83		62		40-140	29		50
Fluoranthene	73		54		40-140	30		50
4-Chlorophenyl phenyl ether	71		54		40-140	27		50
4-Bromophenyl phenyl ether	79		59		40-140	29		50
Bis(2-chloroisopropyl)ether	54		42		40-140	25		50
Bis(2-chloroethoxy)methane	69		53		40-117	26		50
Hexachlorobutadiene	72		53		40-140	30		50
Hexachlorocyclopentadiene	81		61		40-140	28		50
Hexachloroethane	68		52		40-140	27		50
Isophorone	65		51		40-140	24		50
Naphthalene	70		53		40-140	28		50
Nitrobenzene	69		54		40-140	24		50
NDPA/DPA	74		55		36-157	29		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1840863-2 WG1840863-3								
n-Nitrosodi-n-propylamine	69		53		32-121	26		50
Bis(2-ethylhexyl)phthalate	77		56		40-140	32		50
Butyl benzyl phthalate	79		59		40-140	29		50
Di-n-butylphthalate	74		55		40-140	29		50
Di-n-octylphthalate	78		56		40-140	33		50
Diethyl phthalate	74		55		40-140	29		50
Dimethyl phthalate	74		56		40-140	28		50
Benzo(a)anthracene	70		52		40-140	30		50
Benzo(a)pyrene	83		61		40-140	31		50
Benzo(b)fluoranthene	76		56		40-140	30		50
Benzo(k)fluoranthene	78		57		40-140	31		50
Chrysene	74		55		40-140	29		50
Acenaphthylene	76		58		40-140	27		50
Anthracene	73		55		40-140	28		50
Benzo(ghi)perylene	72		51		40-140	34		50
Fluorene	72		53		40-140	30		50
Phenanthrene	70		53		40-140	28		50
Dibenzo(a,h)anthracene	72		51		40-140	34		50
Indeno(1,2,3-cd)pyrene	71		52		40-140	31		50
Pyrene	73		54		35-142	30		50
Biphenyl	74		56		37-127	28		50
4-Chloroaniline	52		43		40-140	19		50
2-Nitroaniline	84		63		47-134	29		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1840863-2 WG1840863-3								
3-Nitroaniline	70		55		26-129	24		50
4-Nitroaniline	76		55		41-125	32		50
Dibenzofuran	71		53		40-140	29		50
2-Methylnaphthalene	101		76		40-140	28		50
1,2,4,5-Tetrachlorobenzene	78		58		40-117	29		50
Acetophenone	69		54		14-144	24		50
2,4,6-Trichlorophenol	81		61		30-130	28		50
p-Chloro-m-cresol	76		58		26-103	27		50
2-Chlorophenol	76		58		25-102	27		50
2,4-Dichlorophenol	79		61		30-130	26		50
2,4-Dimethylphenol	75		58		30-130	26		50
2-Nitrophenol	82		62		30-130	28		50
4-Nitrophenol	76		56		11-114	30		50
2,4-Dinitrophenol	49		40		4-130	20		50
4,6-Dinitro-o-cresol	70		51		10-130	31		50
Pentachlorophenol	74		55		17-109	29		50
Phenol	63		50		26-90	23		50
2-Methylphenol	71		55		30-130.	25		50
3-Methylphenol/4-Methylphenol	71		55		30-130	25		50
2,4,5-Trichlorophenol	82		61		30-130	29		50
Benzoic Acid	**8**	Q	**7**	Q	10-110	5		50
Benzyl Alcohol	64		49		40-140	27		50
Carbazole	73		55		54-128	28		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1840863-2 WG1840863-3								
1,4-Dioxane	49		**39**	Q	40-140	23		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		54		25-120
Phenol-d6	73		56		10-120
Nitrobenzene-d5	68		52		23-120
2-Fluorobiphenyl	74		56		30-120
2,4,6-Tribromophenol	90		65		10-136
4-Terphenyl-d14	76		56		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1843733-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	134		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	126		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	132		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	133		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	133		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	124		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	130		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	134		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	137		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	134		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	137		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	139		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	108		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	131		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	105		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	130		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	120		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	134		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	106		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	135		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1843733-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	102				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1843733-3								
Perfluorobutanoic Acid (PFBA)	116		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	114		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	132		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	119		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	93		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	120		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	116		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	114		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	117		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	117		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	110		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	116		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	115		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	115		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	121		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	99		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	119		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1843733-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	100				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50				20-150

PCBS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01
Client ID: SB-306 (6-6.5)
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/16/23 15:05
Date Received: 10/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/17/23 21:07
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/17/23 10:05
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.8	4.60	1	A
Aroclor 1221	ND		ug/kg	51.8	5.19	1	A
Aroclor 1232	ND		ug/kg	51.8	11.0	1	A
Aroclor 1242	ND		ug/kg	51.8	6.98	1	A
Aroclor 1248	ND		ug/kg	51.8	7.77	1	A
Aroclor 1254	ND		ug/kg	51.8	5.67	1	A
Aroclor 1260	ND		ug/kg	51.8	9.57	1	A
Aroclor 1262	ND		ug/kg	51.8	6.58	1	A
Aroclor 1268	ND		ug/kg	51.8	5.37	1	A
PCBs, Total	ND		ug/kg	51.8	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/17/23 09:13
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 10/16/23 15:48
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1840361-1						
Aroclor 1016	ND		ug/kg	47.5	4.22	A
Aroclor 1221	ND		ug/kg	47.5	4.76	A
Aroclor 1232	ND		ug/kg	47.5	10.1	A
Aroclor 1242	ND		ug/kg	47.5	6.41	A
Aroclor 1248	ND		ug/kg	47.5	7.13	A
Aroclor 1254	ND		ug/kg	47.5	5.20	A
Aroclor 1260	ND		ug/kg	47.5	8.78	A
Aroclor 1262	ND		ug/kg	47.5	6.04	A
Aroclor 1268	ND		ug/kg	47.5	4.92	A
PCBs, Total	ND		ug/kg	47.5	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	42		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1840361-2 WG1840361-3									
Aroclor 1016	61		57		40-140	7		50	A
Aroclor 1260	56		50		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		62		30-150	A
Decachlorobiphenyl	53		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		57		30-150	B
Decachlorobiphenyl	41		45		30-150	B

PESTICIDES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01
Client ID: SB-306 (6-6.5)
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/16/23 15:05
Date Received: 10/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/23 18:48
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/17/23 18:13
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.635	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.733	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	1.67	1.35	1	A
Endosulfan I	ND		ug/kg	1.67	0.396	1	A
Endosulfan II	ND		ug/kg	1.67	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.977	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.553	1	A
Chlordane	ND		ug/kg	14.0	5.55	1	A

Project Name: 466 MAIN ST **Lab Number:** L2361279

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01 Date Collected: 10/16/23 15:05

Client ID: SB-306 (6-6.5) Date Received: 10/16/23

Sample Location: 466 MAIN ST, 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	67		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/18/23 13:58
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 10/17/23 15:23
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1840856-1						
Delta-BHC	ND		ug/kg	1.60	0.312	A
Lindane	ND		ug/kg	0.665	0.297	A
Alpha-BHC	ND		ug/kg	0.665	0.189	A
Beta-BHC	ND		ug/kg	1.60	0.605	A
Heptachlor	ND		ug/kg	0.798	0.358	A
Aldrin	ND		ug/kg	1.60	0.562	A
Heptachlor epoxide	ND		ug/kg	2.99	0.898	A
Endrin	ND		ug/kg	0.665	0.273	A
Endrin aldehyde	ND		ug/kg	1.99	0.698	A
Endrin ketone	ND		ug/kg	1.60	0.411	A
Dieldrin	ND		ug/kg	0.997	0.499	A
4,4'-DDE	ND		ug/kg	1.60	0.369	A
4,4'-DDD	ND		ug/kg	1.60	0.569	A
4,4'-DDT	ND		ug/kg	1.60	1.28	A
Endosulfan I	ND		ug/kg	1.60	0.377	A
Endosulfan II	ND		ug/kg	1.60	0.533	A
Endosulfan sulfate	ND		ug/kg	0.665	0.316	A
Methoxychlor	ND		ug/kg	2.99	0.931	A
Toxaphene	ND		ug/kg	29.9	8.38	A
cis-Chlordane	ND		ug/kg	1.99	0.556	A
trans-Chlordane	ND		ug/kg	1.99	0.526	A
Chlordane	ND		ug/kg	13.3	5.28	A

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/18/23 13:58
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 10/17/23 15:23
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1840856-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	122		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1840856-2 WG1840856-3									
Delta-BHC	86		88		30-150	2		30	A
Lindane	77		80		30-150	4		30	A
Alpha-BHC	78		80		30-150	3		30	A
Beta-BHC	83		89		30-150	7		30	A
Heptachlor	79		80		30-150	1		30	A
Aldrin	78		79		30-150	1		30	A
Heptachlor epoxide	75		76		30-150	1		30	A
Endrin	81		84		30-150	4		30	A
Endrin aldehyde	73		73		30-150	0		30	A
Endrin ketone	88		89		30-150	1		30	A
Dieldrin	88		88		30-150	0		30	A
4,4'-DDE	82		82		30-150	0		30	A
4,4'-DDD	88		88		30-150	0		30	A
4,4'-DDT	85		86		30-150	1		30	A
Endosulfan I	80		80		30-150	0		30	A
Endosulfan II	82		82		30-150	0		30	A
Endosulfan sulfate	80		80		30-150	0		30	A
Methoxychlor	90		91		30-150	1		30	A
cis-Chlordane	74		75		30-150	1		30	A
trans-Chlordane	70		71		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1840856-2 WG1840856-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	A
Decachlorobiphenyl	84		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		86		30-150	B
Decachlorobiphenyl	135		134		30-150	B

METALS

Project Name: 466 MAIN ST
Lab Number: L2361279
Project Number: 12587
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01
Client ID: SB-306 (6-6.5)
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY
Date Collected: 10/16/23 15:05
Date Received: 10/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8150		mg/kg	8.36	2.26	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.18	0.318	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Arsenic, Total	1.28		mg/kg	0.836	0.174	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Barium, Total	62.7		mg/kg	0.836	0.145	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.270	J	mg/kg	0.418	0.028	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.836	0.082	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Calcium, Total	1010		mg/kg	8.36	2.92	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Chromium, Total	16.7		mg/kg	0.836	0.080	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.46		mg/kg	1.67	0.139	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Copper, Total	14.4		mg/kg	0.836	0.216	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Iron, Total	13200		mg/kg	4.18	0.754	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Lead, Total	3.66	J	mg/kg	4.18	0.224	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Magnesium, Total	1990		mg/kg	8.36	1.29	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Manganese, Total	384		mg/kg	0.836	0.133	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Mercury, Total	ND		mg/kg	0.078	0.051	1	10/18/23 01:00	10/19/23 11:47	EPA 7471B	1,7471B	MJR
Nickel, Total	13.6		mg/kg	2.09	0.202	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Potassium, Total	2150		mg/kg	209	12.0	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.67	0.216	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.418	0.236	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Sodium, Total	113	J	mg/kg	167	2.63	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Thallium, Total	1.85		mg/kg	1.67	0.263	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Vanadium, Total	19.5		mg/kg	0.836	0.170	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW
Zinc, Total	20.0		mg/kg	4.18	0.245	2	10/19/23 07:00	10/19/23 12:39	EPA 3050B	1,6010D	AMW

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1840678-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/18/23 01:00	10/19/23 10:27	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1841626-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Chromium, Total	0.242	J	mg/kg	0.400	0.038	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Iron, Total	1.05	J	mg/kg	2.00	0.361	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Manganese, Total	0.149	J	mg/kg	0.400	0.064	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/19/23 07:00	10/19/23 10:01	1,6010D	DHL

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1840678-2 SRM Lot Number: D119-540								
Mercury, Total	100		-		73-127	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1841626-2 SRM Lot Number: D119-540					
Aluminum, Total	76	-	48-152	-	
Antimony, Total	156	-	10-190	-	
Arsenic, Total	106	-	83-117	-	
Barium, Total	101	-	82-118	-	
Beryllium, Total	104	-	83-117	-	
Cadmium, Total	102	-	82-117	-	
Calcium, Total	100	-	81-118	-	
Chromium, Total	113	-	82-119	-	
Cobalt, Total	104	-	83-117	-	
Copper, Total	99	-	84-116	-	
Iron, Total	94	-	60-140	-	
Lead, Total	107	-	82-118	-	
Magnesium, Total	92	-	76-124	-	
Manganese, Total	100	-	82-118	-	
Nickel, Total	107	-	82-117	-	
Potassium, Total	94	-	70-130	-	
Selenium, Total	108	-	79-121	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	105	-	74-126	-	
Thallium, Total	107	-	81-119	-	
Vanadium, Total	100	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1841626-2 SRM Lot Number: D119-540					
Zinc, Total	107	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1840678-3 QC Sample: L2361186-01 Client ID: MS Sample												
Mercury, Total	ND	1.49	1.52	102		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1841626-3 QC Sample: L2361891-01 Client ID: MS Sample										
Aluminum, Total	1650	202	2000	**173**	Q	-	-	75-125	-	20
Antimony, Total	ND	50.6	43.7	86		-	-	75-125	-	20
Arsenic, Total	0.657	12.1	11.8	92		-	-	75-125	-	20
Barium, Total	7.44	202	179	85		-	-	75-125	-	20
Beryllium, Total	0.415	5.06	4.92	89		-	-	75-125	-	20
Cadmium, Total	ND	5.36	4.22	79		-	-	75-125	-	20
Calcium, Total	83.0	1010	932	84		-	-	75-125	-	20
Chromium, Total	5.62	20.2	22.8	85		-	-	75-125	-	20
Cobalt, Total	0.983J	50.6	42.9	85		-	-	75-125	-	20
Copper, Total	9.79	25.3	31.1	84		-	-	75-125	-	20
Iron, Total	17100	101	18000	**889**	Q	-	-	75-125	-	20
Lead, Total	3.56	53.6	53.0	92		-	-	75-125	-	20
Magnesium, Total	64.1	1010	896	82		-	-	75-125	-	20
Manganese, Total	30.3	50.6	71.9	82		-	-	75-125	-	20
Nickel, Total	2.31	50.6	42.5	79		-	-	75-125	-	20
Potassium, Total	344	1010	982	**63**	Q	-	-	75-125	-	20
Selenium, Total	ND	12.1	10.0	82		-	-	75-125	-	20
Silver, Total	ND	5.06	4.37	86		-	-	75-125	-	20
Sodium, Total	6.67J	1010	929	92		-	-	75-125	-	20
Thallium, Total	0.823J	12.1	11.9	98		-	-	75-125	-	20
Vanadium, Total	23.3	50.6	63.9	80		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1841626-3 QC Sample: L2361891-01 Client ID: MS Sample									
Zinc, Total	2.55	50.6	44.4	83	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1840678-4 QC Sample: L2361186-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1841626-4 QC Sample: L2361891-01 Client ID: DUP Sample						
Lead, Total	3.56	2.91	mg/kg	20		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361279-01
Client ID: SB-306 (6-6.5)
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY
Date Collected: 10/16/23 15:05
Date Received: 10/16/23
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	91.5		%	0.100	NA	1	-	10/17/23 07:58	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	10/19/23 11:30	10/19/23 15:03	1,9010C/9012B	JER

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361279
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1841767-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	10/19/23 11:30	10/19/23 14:59	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1841767-2 WG1841767-3								
Cyanide, Total	101		91		80-120	16		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1841767-4 WG1841767-5 QC Sample: L2361575-05 Client ID: MS Sample												
Cyanide, Total	0.33J	11	11	99		10	91		75-125	10		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361279

Report Date: 11/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1840558-1 QC Sample: L2361313-01 Client ID: DUP Sample						
Solids, Total	94.4	94.5	%	0		20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

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(*)
L2361279-01A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2361279-01B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2361279-01C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2361279-01D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2361279-01E	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2361279-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2361279-01G	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2361279-01H	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2361279-01X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2361279-01Y	Vial Water preserved split	A	NA		4.0	Y	Absent	17-OCT-23 10:27	NYTCL-8260HLW(14)
L2361279-01Z	Vial Water preserved split	A	NA		4.0	Y	Absent	17-OCT-23 10:27	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

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/PFTeDA	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/PFDoS	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
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
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/PFOSA	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
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361279
Report Date: 11/02/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	466 MAIN ST	**Lab Number:**	L2361279
Project Number:	12587	**Report Date:**	11/02/23

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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2361279
Project Number:	12587	**Report Date:**	11/02/23

Footnotes

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2361279
Project Number:	12587	**Report Date:**	11/02/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	466 MAIN ST	**Lab Number:**	L2361279
Project Number:	12587	**Report Date:**	11/02/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

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, EPA 537.1.

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

Page 1 of 1

Date Rec'd in Lab: 10/17/23

ALPHA Job #: L2361279

Client Information

Client: GCSI
Address: 959 Rte 46, Fl 3 Suite 300 Parsippany, NJ
Phone: 973-518-0042
Fax:
Email: Chris.Mancini@GCSI.com

Project Information

Project Name: 466 Main St
Project Location: 466 Main St, New Rochelle, NY
Project #: 12587
(Use Project name as Project #) ☐
Project Manager: JAMES VANDER VLIET
ALPHAQuote #:

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

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please use Time / Date / Sample ID provided in Chain of custody.

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+3D/TAL	PFAS	Sample Specific Comments	Total Bottle
61279-01	SB-306 (6-6.5)	10/16/23	1505	S	RR	X	X		8

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								
Preservative								

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.)

Relinquished By:	Date/Time	Received By:	Date/Time
Ronnie Ramoso	10/16/23 15:50	MPINAIPHA	10/16 15:50
MPINAIPHA	10/16 19:20		10/16/23 19:20
	10/16/23		10/16 22:00
	10/17 0:30		10/17/23 0030

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2361842
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	466 MAIN ST
Project Number:	12587
Report Date:	11/10/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2361842-01	SB-308 (3.5-4)	SOIL	466 MAIN ST	10/18/23 09:15	10/18/23
L2361842-02	SB-307 (9.5-10)	SOIL	466 MAIN ST	10/18/23 14:30	10/18/23
L2361842-03	TW-301	WATER	466 MAIN ST	10/18/23 08:30	10/18/23

Project Name:	466 MAIN ST	**Lab Number:**	L2361842
Project Number:	12587	**Report Date:**	11/10/23

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: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Case Narrative (continued)

Report Submission
November 10, 2023: This final report includes the results of all requested analyses.
October 25, 2023: 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
L2361842-03: The pH was greater than two; however, the sample was analyzed within the method required holding time.

Semivolatile Organics
L2361842-03: The sample has elevated detection limits due to limited sample volume available for analysis.
The WG1841912-2/-3 LCS/LCSD recoveries, associated with L2361842-01 and -02, are below the acceptance criteria for 2,4-dinitrophenol (LCS 0%) and benzoic acid (0%/0%); however, they have been identified as "difficult" analytes. The results of the associated samples are reported.
The WG1842779-3 LCSD recovery, associated with L2361842-03, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Perfluorinated Alkyl Acids by 1633
L2361842-03: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

PCBs
L2361842-03D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Case Narrative (continued)

Pesticides

L2361842-03: The sample has elevated detection limits due to limited sample volume available for analysis.

Total Metals

L2361842-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2361842-03: The concentration of silver was greater than the method recommended limit. A 100x dilution was performed during preparation to minimize saturation.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 11/10/23

ORGANICS

VOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01
Client ID: SB-308 (3.5-4)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 09:15
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/20/23 18:42
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 466 MAIN ST **Lab Number:** L2361842

Project Number: 12587 **Report Date:** 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01 Date Collected: 10/18/23 09:15

Client ID: SB-308 (3.5-4) Date Received: 10/18/23

Sample Location: 466 MAIN ST 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	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	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	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	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	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01
Client ID: SB-308 (3.5-4)
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 09:15
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	14.1	J	ug/kg			1
Unknown Alkane	2.14	J	ug/kg			1
Tridecane	2.38	NJ	ug/kg			1
Unknown	9.59	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	113		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02
Client ID: SB-307 (9.5-10)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 14:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/20/23 19:09
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 466 MAIN ST **Lab Number:** L2361842

Project Number: 12587 **Report Date:** 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02 Date Collected: 10/18/23 14:30

Client ID: SB-307 (9.5-10) Date Received: 10/18/23

Sample Location: 466 MAIN ST 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	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.0	1

Project Name: 466 MAIN ST
Lab Number: L2361842
Project Number: 12587
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02
Client ID: SB-307 (9.5-10)
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 14:30
Date Received: 10/18/23
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	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	8.70	J	ug/kg			1
Unknown	8.70	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	113		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 08:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/22/23 17:17
Analyst: MJV

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	6.0		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: 466 MAIN ST **Lab Number:** L2361842

Project Number: 12587 **Report Date:** 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03 Date Collected: 10/18/23 08:30

Client ID: TW-301 Date Received: 10/18/23

Sample Location: 466 MAIN ST 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	18		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.8	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: 466 MAIN ST **Lab Number:** L2361842

Project Number: 12587 **Report Date:** 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03 Date Collected: 10/18/23 08:30

Client ID: TW-301 Date Received: 10/18/23

Sample Location: 466 MAIN ST 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	17.0	J	ug/l			1
Unknown	4.14	J	ug/l			1
Tridecane	1.34	NJ	ug/l			1
Unknown	1.01	J	ug/l			1
1-Propene, 2-methyl-	5.94	NJ	ug/l			1
Unknown Alkane	1.88	J	ug/l			1
Unknown Alkene	1.06	J	ug/l			1
Cyclopropane, ethyl-	1.63	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	92		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/23 11:53
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1842427-5					
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	1.1	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/23 11:53
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1842427-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/23 11:53
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1842427-5					
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	10.1	J	ug/kg
Unknown	6.40	J	ug/kg
Unknown	3.66	J	ug/kg

Project Name: 466 MAIN ST
Project Number: 12587
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/23 11:53
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1842427-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/22/23 08:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1843141-5					
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: 466 MAIN ST
Project Number: 12587
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/22/23 08:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1843141-5					
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

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/22/23 08:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1843141-5					
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			
Total TIC Compounds	1.49	J	ug/l
Unknown	1.49	J	ug/l

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/22/23 08:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1843141-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1842427-3 WG1842427-4								
Methylene chloride	80		77		70-130	4		30
1,1-Dichloroethane	93		88		70-130	6		30
Chloroform	89		86		70-130	3		30
Carbon tetrachloride	83		79		70-130	5		30
1,2-Dichloropropane	95		92		70-130	3		30
Dibromochloromethane	99		97		70-130	2		30
1,1,2-Trichloroethane	98		96		70-130	2		30
Tetrachloroethene	98		92		70-130	6		30
Chlorobenzene	100		96		70-130	4		30
Trichlorofluoromethane	84		80		70-139	5		30
1,2-Dichloroethane	88		86		70-130	2		30
1,1,1-Trichloroethane	84		79		70-130	6		30
Bromodichloromethane	87		86		70-130	1		30
trans-1,3-Dichloropropene	102		100		70-130	2		30
cis-1,3-Dichloropropene	89		86		70-130	3		30
1,1-Dichloropropene	89		84		70-130	6		30
Bromoform	98		100		70-130	2		30
1,1,2,2-Tetrachloroethane	100		98		70-130	2		30
Benzene	92		87		70-130	6		30
Toluene	100		93		70-130	7		30
Ethylbenzene	101		96		70-130	5		30
Chloromethane	79		75		52-130	5		30
Bromomethane	71		67		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1842427-3 WG1842427-4								
Vinyl chloride	75		70		67-130	7		30
Chloroethane	75		69		50-151	8		30
1,1-Dichloroethene	79		74		65-135	7		30
trans-1,2-Dichloroethene	80		83		70-130	4		30
Trichloroethene	89		88		70-130	1		30
1,2-Dichlorobenzene	103		100		70-130	3		30
1,3-Dichlorobenzene	104		99		70-130	5		30
1,4-Dichlorobenzene	102		98		70-130	4		30
Methyl tert butyl ether	74		77		66-130	4		30
p/m-Xylene	103		99		70-130	4		30
o-Xylene	98		95		70-130	3		30
cis-1,2-Dichloroethene	86		83		70-130	4		30
Dibromomethane	85		85		70-130	0		30
Styrene	102		98		70-130	4		30
Dichlorodifluoromethane	55		51		30-146	8		30
Acetone	82		78		54-140	5		30
Carbon disulfide	70		65		59-130	7		30
2-Butanone	91		92		70-130	1		30
Vinyl acetate	88		76		70-130	15		30
4-Methyl-2-pentanone	90		93		70-130	3		30
1,2,3-Trichloropropane	105		104		68-130	1		30
2-Hexanone	96		97		70-130	1		30
Bromochloromethane	89		87		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1842427-3 WG1842427-4								
2,2-Dichloropropane	85		81		70-130	5		30
1,2-Dibromoethane	100		99		70-130	1		30
1,3-Dichloropropane	107		105		69-130	2		30
1,1,1,2-Tetrachloroethane	103		99		70-130	4		30
Bromobenzene	100		99		70-130	1		30
n-Butylbenzene	109		103		70-130	6		30
sec-Butylbenzene	108		104		70-130	4		30
tert-Butylbenzene	106		103		70-130	3		30
o-Chlorotoluene	106		102		70-130	4		30
p-Chlorotoluene	104		101		70-130	3		30
1,2-Dibromo-3-chloropropane	99		101		68-130	2		30
Hexachlorobutadiene	102		97		67-130	5		30
Isopropylbenzene	104		101		70-130	3		30
p-Isopropyltoluene	106		101		70-130	5		30
Naphthalene	100		102		70-130	2		30
Acrylonitrile	83		84		70-130	1		30
n-Propylbenzene	106		102		70-130	4		30
1,2,3-Trichlorobenzene	103		102		70-130	1		30
1,2,4-Trichlorobenzene	102		99		70-130	3		30
1,3,5-Trimethylbenzene	104		100		70-130	4		30
1,2,4-Trimethylbenzene	104		99		70-130	5		30
1,4-Dioxane	82		87		65-136	6		30
p-Diethylbenzene	105		99		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1842427-3 WG1842427-4								
p-Ethyltoluene	102		98		70-130	4		30
1,2,4,5-Tetramethylbenzene	101		98		70-130	3		30
Ethyl ether	70		69		67-130	1		30
trans-1,4-Dichloro-2-butene	92		91		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	109		107		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	94		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1843141-3 WG1843141-4								
Methylene chloride	97		96		70-130	1		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	96		94		70-130	2		20
Carbon tetrachloride	90		86		63-132	5		20
1,2-Dichloropropane	99		96		70-130	3		20
Dibromochloromethane	91		90		63-130	1		20
1,1,2-Trichloroethane	92		96		70-130	4		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	99		96		75-130	3		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	92		93		70-130	1		20
1,1,1-Trichloroethane	93		90		67-130	3		20
Bromodichloromethane	91		91		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	93		92		70-130	1		20
1,1-Dichloropropene	88		86		70-130	2		20
Bromoform	80		83		54-136	4		20
1,1,2,2-Tetrachloroethane	95		100		67-130	5		20
Benzene	100		98		70-130	2		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		97		70-130	3		20
Chloromethane	85		79		64-130	7		20
Bromomethane	100		110		39-139	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1843141-3 WG1843141-4								
Vinyl chloride	90		89		55-140	1		20
Chloroethane	**140**	Q	130		55-138	7		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	97		96		70-130	1		20
Trichloroethene	90		87		70-130	3		20
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	87		89		63-130	2		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	99		96		70-130	3		20
Dibromomethane	89		92		70-130	3		20
1,2,3-Trichloropropane	96		100		64-130	4		20
Acrylonitrile	81		82		70-130	1		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	84		80		36-147	5		20
Acetone	82		86		58-148	5		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	68		76		63-138	11		20
Vinyl acetate	90		89		70-130	1		20
4-Methyl-2-pentanone	82		86		59-130	5		20
2-Hexanone	87		92		57-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1843141-3 WG1843141-4								
Bromochloromethane	95		94		70-130	1		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	97		99		70-130	2		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	92		90		64-130	2		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		99		70-130	1		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	75		78		41-144	4		20
Hexachlorobutadiene	84		86		63-130	2		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	86		89		70-130	3		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	86		88		70-130	2		20
1,2,4-Trichlorobenzene	89		89		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	86		84		56-162	2		20
p-Diethylbenzene	100		98		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1843141-3 WG1843141-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	85		85		70-130	0		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	108		108		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	92		94		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01
Client ID: SB-308 (3.5-4)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 09:15
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/20/23 20:27
Analyst: EK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/19/23 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	56	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 466 MAIN ST **Lab Number:** L2361842

Project Number: 12587 **Report Date:** 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01 Date Collected: 10/18/23 09:15

Client ID: SB-308 (3.5-4) Date Received: 10/18/23

Sample Location: 466 MAIN ST 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	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	36	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	27	J	ug/kg	100	18.	1
Acenaphthylene	64	J	ug/kg	140	26.	1
Anthracene	82	J	ug/kg	100	33.	1
Benzo(ghi)perylene	620		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	74	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	140	24.	1
Pyrene	51	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01
Client ID: SB-308 (3.5-4)
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 09:15
Date Received: 10/18/23
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	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	27	J	ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1
Tentatively Identified Compounds						
Total TIC Compounds	252	J	ug/kg			1
Unknown Organic Acid	252	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	56		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02
Client ID: SB-307 (9.5-10)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 14:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/20/23 20:45
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/19/23 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	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	30.	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: 466 MAIN ST **Lab Number:** L2361842

Project Number: 12587 **Report Date:** 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02 Date Collected: 10/18/23 14:30

Client ID: SB-307 (9.5-10) Date Received: 10/18/23

Sample Location: 466 MAIN ST 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	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	22.	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	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 466 MAIN ST
Lab Number: L2361842
Project Number: 12587
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02
Client ID: SB-307 (9.5-10)
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 14:30
Date Received: 10/18/23
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	ND		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	61		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	59		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 08:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/23/23 13:38
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 08:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	6.4	0.64	1
Bis(2-chloroethyl)ether	ND		ug/l	2.6	0.65	1
1,2-Dichlorobenzene	ND		ug/l	2.6	0.58	1
1,3-Dichlorobenzene	ND		ug/l	2.6	0.52	1
1,4-Dichlorobenzene	ND		ug/l	2.6	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	6.4	2.1	1
2,4-Dinitrotoluene	ND		ug/l	6.4	1.5	1
2,6-Dinitrotoluene	ND		ug/l	6.4	1.2	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.6	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.6	0.48	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.6	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	6.4	0.64	1
Hexachlorocyclopentadiene	ND		ug/l	26	0.88	1
Isophorone	ND		ug/l	6.4	1.5	1
Nitrobenzene	ND		ug/l	2.6	0.99	1
NDPA/DPA	ND		ug/l	2.6	0.53	1
n-Nitrosodi-n-propylamine	ND		ug/l	6.4	0.82	1
Bis(2-ethylhexyl)phthalate	17.		ug/l	3.8	2.0	1
Butyl benzyl phthalate	ND		ug/l	6.4	1.5	1
Di-n-butylphthalate	ND		ug/l	6.4	0.50	1
Di-n-octylphthalate	ND		ug/l	6.4	1.6	1
Diethyl phthalate	ND		ug/l	6.4	0.49	1
Dimethyl phthalate	ND		ug/l	6.4	2.3	1
Biphenyl	ND		ug/l	2.6	0.59	1
4-Chloroaniline	ND		ug/l	6.4	1.4	1
2-Nitroaniline	ND		ug/l	6.4	0.64	1
3-Nitroaniline	ND		ug/l	6.4	1.0	1
4-Nitroaniline	ND		ug/l	6.4	1.0	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 08:30
Date Received: 10/18/23
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	2.6	0.64	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	13	0.56	1
Acetophenone	ND		ug/l	6.4	0.67	1
2,4,6-Trichlorophenol	ND		ug/l	6.4	0.78	1
p-Chloro-m-cresol	ND		ug/l	2.6	0.45	1
2-Chlorophenol	ND		ug/l	2.6	0.61	1
2,4-Dichlorophenol	ND		ug/l	6.4	0.52	1
2,4-Dimethylphenol	ND		ug/l	6.4	2.3	1
2-Nitrophenol	ND		ug/l	13	1.1	1
4-Nitrophenol	ND		ug/l	13	0.86	1
2,4-Dinitrophenol	ND		ug/l	26	8.5	1
4,6-Dinitro-o-cresol	ND		ug/l	13	2.3	1
Phenol	ND		ug/l	6.4	0.72	1
2-Methylphenol	ND		ug/l	6.4	0.63	1
3-Methylphenol/4-Methylphenol	ND		ug/l	6.4	0.61	1
2,4,5-Trichlorophenol	ND		ug/l	6.4	0.99	1
Benzoic Acid	ND		ug/l	64	3.4	1
Benzyl Alcohol	ND		ug/l	2.6	0.75	1
Carbazole	ND		ug/l	2.6	0.63	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 08:30
Date Received: 10/18/23
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	4240	J	ug/l			1
Unknown	108	J	ug/l			1
Unknown	104	J	ug/l			1
Unknown Alkane	46.8	J	ug/l			1
Unknown Alkane	128	J	ug/l			1
Unknown Alkane	420	J	ug/l			1
Unknown Cycloalkane	184	J	ug/l			1
Unknown Alkane	1320	J	ug/l			1
Unknown Cycloalkane	187	J	ug/l			1
Unknown	58.6	J	ug/l			1
Unknown Alkane	147	J	ug/l			1
Unknown Alkane	431	J	ug/l			1
Unknown Alkane	70.2	J	ug/l			1
Unknown Alkane	109	J	ug/l			1
Unknown	73.7	J	ug/l			1
Unknown Alkane	137	J	ug/l			1
Unknown Alkane	720	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	53		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 08:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/23/23 10:53
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 08:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.13	0.02	1
2-Chloronaphthalene	ND		ug/l	0.26	0.02	1
Fluoranthene	0.05	J	ug/l	0.13	0.03	1
Hexachlorobutadiene	ND		ug/l	0.64	0.06	1
Naphthalene	0.15		ug/l	0.13	0.06	1
Benzo(a)anthracene	0.10	J	ug/l	0.13	0.03	1
Benzo(a)pyrene	ND		ug/l	0.13	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.13	0.02	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.13	0.01	1
Chrysene	0.02	J	ug/l	0.13	0.02	1
Acenaphthylene	ND		ug/l	0.13	0.02	1
Anthracene	ND		ug/l	0.13	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.13	0.02	1
Fluorene	ND		ug/l	0.13	0.02	1
Phenanthrene	0.05	J	ug/l	0.13	0.03	1
Dibenzo(a,h)anthracene	ND		ug/l	0.13	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.13	0.02	1
Pyrene	0.06	J	ug/l	0.13	0.02	1
2-Methylnaphthalene	ND		ug/l	0.13	0.03	1
Pentachlorophenol	ND		ug/l	1.0	0.02	1
Hexachlorobenzene	ND		ug/l	1.0	0.01	1
Hexachloroethane	ND		ug/l	1.0	0.08	1

Project Name: 466 MAIN ST
Lab Number: L2361842
Project Number: 12587
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 08:30
Date Received: 10/18/23
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	61		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	51		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 08:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/09/23 15:11
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/30/23 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	640	102.	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	320	85.6	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	160	53.6	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	640	167.	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	160	47.2	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	160	28.0	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	160	32.0	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	160	38.4	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	160	69.6	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	640	216.	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	160	43.2	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	160	50.4	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	160	72.8	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	160	64.8	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	640	249.	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	160	49.6	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	160	87.2	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	160	69.6	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	160	36.8	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	160	43.2	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	160	86.4	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	160	73.6	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	160	60.0	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	160	42.4	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	640	89.6	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	640	101.	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	160	60.8	1

Project Name: 466 MAIN ST
Lab Number: L2361842
Project Number: 12587
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 08:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	640	132.	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	640	132.	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	160	69.6	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	160	73.6	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	1600	376.	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	1600	196.	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	320	45.6	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	320	42.4	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	320	35.2	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	320	189.	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	800	264.	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	4000	936.	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	4000	631.	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 08:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	65		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	69		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	67		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	66		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	55		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	59		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	60		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	48		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	52		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	44		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	43		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	41		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	33		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	36		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	40		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	32		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	37		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	67		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	40		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	37		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	37		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	50		20-150

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/20/23 08:21
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 10/19/23 13:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1841912-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/20/23 08:21
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 10/19/23 13:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1841912-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	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	360	62.

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/20/23 08:21
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 10/19/23 13:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1841912-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	65		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/23/23 09:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1842779-1					
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	0.82	J	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/23/23 09:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1842779-1					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/23/23 09:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1842779-1					
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	85.9	J	ug/l
Unknown	3.13	J	ug/l
Unknown	5.67	J	ug/l
Unknown	2.87	J	ug/l
Unknown	4.54	J	ug/l
Unknown	11.2	J	ug/l
Unknown	4.07	J	ug/l
Unknown	8.33	J	ug/l
Unknown	11.0	J	ug/l
Unknown	4.73	J	ug/l
Unknown	7.96	J	ug/l

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/23/23 09:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1842779-1					
Tentatively Identified Compounds					
Unknown	2.51	J	ug/l		
Unknown	5.85	J	ug/l		
Unknown	5.89	J	ug/l		
Unknown	5.42	J	ug/l		
Unknown	2.73	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	67		41-149

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/23/23 10:36
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1842780-1					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/23/23 10:36
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1842780-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	73		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 11/09/23 12:24
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/30/23 11:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1845884-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 11/09/23 12:24
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/30/23 11:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1845884-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 11/09/23 12:24
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/30/23 11:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1845884-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	72		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	80		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	48		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1841912-2 WG1841912-3								
Acenaphthene	69		76		31-137	10		50
1,2,4-Trichlorobenzene	70		77		38-107	10		50
Hexachlorobenzene	78		83		40-140	6		50
Bis(2-chloroethyl)ether	65		70		40-140	7		50
2-Chloronaphthalene	73		77		40-140	5		50
1,2-Dichlorobenzene	66		71		40-140	7		50
1,3-Dichlorobenzene	64		68		40-140	6		50
1,4-Dichlorobenzene	66		69		28-104	4		50
3,3'-Dichlorobenzidine	68		72		40-140	6		50
2,4-Dinitrotoluene	87		94		40-132	8		50
2,6-Dinitrotoluene	83		88		40-140	6		50
Fluoranthene	76		80		40-140	5		50
4-Chlorophenyl phenyl ether	74		82		40-140	10		50
4-Bromophenyl phenyl ether	78		85		40-140	9		50
Bis(2-chloroisopropyl)ether	**39**	Q	42		40-140	7		50
Bis(2-chloroethoxy)methane	73		81		40-117	10		50
Hexachlorobutadiene	71		77		40-140	8		50
Hexachlorocyclopentadiene	80		83		40-140	4		50
Hexachloroethane	68		75		40-140	10		50
Isophorone	74		81		40-140	9		50
Naphthalene	68		71		40-140	4		50
Nitrobenzene	71		78		40-140	9		50
NDPA/DPA	75		81		36-157	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1841912-2 WG1841912-3								
n-Nitrosodi-n-propylamine	75		79		32-121	5		50
Bis(2-ethylhexyl)phthalate	80		87		40-140	8		50
Butyl benzyl phthalate	83		87		40-140	5		50
Di-n-butylphthalate	89		95		40-140	7		50
Di-n-octylphthalate	82		90		40-140	9		50
Diethyl phthalate	81		87		40-140	7		50
Dimethyl phthalate	79		85		40-140	7		50
Benzo(a)anthracene	73		80		40-140	9		50
Benzo(a)pyrene	82		89		40-140	8		50
Benzo(b)fluoranthene	75		81		40-140	8		50
Benzo(k)fluoranthene	71		79		40-140	11		50
Chrysene	68		76		40-140	11		50
Acenaphthylene	82		88		40-140	7		50
Anthracene	73		78		40-140	7		50
Benzo(ghi)perylene	75		82		40-140	9		50
Fluorene	75		82		40-140	9		50
Phenanthrene	70		75		40-140	7		50
Dibenzo(a,h)anthracene	73		82		40-140	12		50
Indeno(1,2,3-cd)pyrene	82		91		40-140	10		50
Pyrene	74		77		35-142	4		50
Biphenyl	74		78		37-127	5		50
4-Chloroaniline	68		73		40-140	7		50
2-Nitroaniline	85		93		47-134	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1841912-2 WG1841912-3								
3-Nitroaniline	74		79		26-129	7		50
4-Nitroaniline	77		83		41-125	8		50
Dibenzofuran	73		78		40-140	7		50
2-Methylnaphthalene	74		78		40-140	5		50
1,2,4,5-Tetrachlorobenzene	76		83		40-117	9		50
Acetophenone	72		78		14-144	8		50
2,4,6-Trichlorophenol	77		81		30-130	5		50
p-Chloro-m-cresol	78		85		26-103	9		50
2-Chlorophenol	66		74		25-102	11		50
2,4-Dichlorophenol	71		77		30-130	8		50
2,4-Dimethylphenol	72		80		30-130	11		50
2-Nitrophenol	80		86		30-130	7		50
4-Nitrophenol	78		76		11-114	3		50
2,4-Dinitrophenol	**0**	Q	12		4-130	NC		50
4,6-Dinitro-o-cresol	42		53		10-130	23		50
Pentachlorophenol	44		53		17-109	19		50
Phenol	65		68		26-90	5		50
2-Methylphenol	70		77		30-130.	10		50
3-Methylphenol/4-Methylphenol	76		83		30-130	9		50
2,4,5-Trichlorophenol	69		78		30-130	12		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	77		84		40-140	9		50
Carbazole	74		79		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1841912-2 WG1841912-3								
1,4-Dioxane	54		58		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		67		25-120
Phenol-d6	63		69		10-120
Nitrobenzene-d5	71		78		23-120
2-Fluorobiphenyl	69		73		30-120
2,4,6-Tribromophenol	72		79		10-136
4-Terphenyl-d14	69		72		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1842779-2 WG1842779-3								
Acenaphthene	54		60		37-111	11		30
1,2,4-Trichlorobenzene	61		61		39-98	0		30
Hexachlorobenzene	62		66		40-140	6		30
Bis(2-chloroethyl)ether	59		59		40-140	0		30
2-Chloronaphthalene	62		64		40-140	3		30
1,2-Dichlorobenzene	61		61		40-140	0		30
1,3-Dichlorobenzene	60		63		40-140	5		30
1,4-Dichlorobenzene	60		59		36-97	2		30
3,3'-Dichlorobenzidine	62		67		40-140	8		30
2,4-Dinitrotoluene	58		63		48-143	8		30
2,6-Dinitrotoluene	69		67		40-140	3		30
Fluoranthene	65		66		40-140	2		30
4-Chlorophenyl phenyl ether	61		64		40-140	5		30
4-Bromophenyl phenyl ether	64		65		40-140	2		30
Bis(2-chloroisopropyl)ether	59		62		40-140	5		30
Bis(2-chloroethoxy)methane	63		59		40-140	7		30
Hexachlorobutadiene	63		66		40-140	5		30
Hexachlorocyclopentadiene	55		56		40-140	2		30
Hexachloroethane	62		63		40-140	2		30
Isophorone	57		61		40-140	7		30
Naphthalene	61		63		40-140	3		30
Nitrobenzene	62		60		40-140	3		30
NDPA/DPA	59		68		40-140	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1842779-2 WG1842779-3								
n-Nitrosodi-n-propylamine	65		67		29-132	3		30
Bis(2-ethylhexyl)phthalate	79		79		40-140	0		30
Butyl benzyl phthalate	75		77		40-140	3		30
Di-n-butylphthalate	68		70		40-140	3		30
Di-n-octylphthalate	76		74		40-140	3		30
Diethyl phthalate	64		68		40-140	6		30
Dimethyl phthalate	65		65		40-140	0		30
Benzo(a)anthracene	71		73		40-140	3		30
Benzo(a)pyrene	75		77		40-140	3		30
Benzo(b)fluoranthene	67		69		40-140	3		30
Benzo(k)fluoranthene	72		73		40-140	1		30
Chrysene	68		72		40-140	6		30
Acenaphthylene	64		68		45-123	6		30
Anthracene	66		68		40-140	3		30
Benzo(ghi)perylene	64		65		40-140	2		30
Fluorene	59		62		40-140	5		30
Phenanthrene	63		68		40-140	8		30
Dibenzo(a,h)anthracene	64		65		40-140	2		30
Indeno(1,2,3-cd)pyrene	67		66		40-140	2		30
Pyrene	67		70		26-127	4		30
Biphenyl	65		66		40-140	2		30
4-Chloroaniline	67		80		40-140	18		30
2-Nitroaniline	62		69		52-143	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1842779-2 WG1842779-3								
3-Nitroaniline	61		63		25-145	3		30
4-Nitroaniline	59		69		51-143	16		30
Dibenzofuran	59		65		40-140	10		30
2-Methylnaphthalene	62		62		40-140	0		30
1,2,4,5-Tetrachlorobenzene	66		64		2-134	3		30
Acetophenone	60		67		39-129	11		30
2,4,6-Trichlorophenol	70		75		30-130	7		30
p-Chloro-m-cresol	71		74		23-97	4		30
2-Chlorophenol	62		65		27-123	5		30
2,4-Dichlorophenol	70		72		30-130	3		30
2,4-Dimethylphenol	66		67		30-130	2		30
2-Nitrophenol	64		69		30-130	8		30
4-Nitrophenol	65		69		10-80	6		30
2,4-Dinitrophenol	84		68		20-130	21		30
4,6-Dinitro-o-cresol	59		58		20-164	2		30
Pentachlorophenol	81		75		9-103	8		30
Phenol	46		49		12-110	6		30
2-Methylphenol	62		65		30-130	5		30
3-Methylphenol/4-Methylphenol	68		68		30-130	0		30
2,4,5-Trichlorophenol	73		78		30-130	7		30
Benzoic Acid	48		**0**	Q	10-164	NC		30
Benzyl Alcohol	59		61		26-116	3		30
Carbazole	68		71		55-144	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1842779-2 WG1842779-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		57		21-120
Phenol-d6	47		48		10-120
Nitrobenzene-d5	61		62		23-120
2-Fluorobiphenyl	63		67		15-120
2,4,6-Tribromophenol	68		74		10-120
4-Terphenyl-d14	67		67		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1842780-2 WG1842780-3								
Acenaphthene	68		68		40-140	0		40
2-Chloronaphthalene	69		69		40-140	0		40
Fluoranthene	76		76		40-140	0		40
Hexachlorobutadiene	62		62		40-140	0		40
Naphthalene	68		68		40-140	0		40
Benzo(a)anthracene	77		74		40-140	4		40
Benzo(a)pyrene	84		84		40-140	0		40
Benzo(b)fluoranthene	84		89		40-140	6		40
Benzo(k)fluoranthene	85		81		40-140	5		40
Chrysene	75		78		40-140	4		40
Acenaphthylene	72		72		40-140	0		40
Anthracene	78		78		40-140	0		40
Benzo(ghi)perylene	77		77		40-140	0		40
Fluorene	71		71		40-140	0		40
Phenanthrene	75		74		40-140	1		40
Dibenzo(a,h)anthracene	80		80		40-140	0		40
Indeno(1,2,3-cd)pyrene	74		74		40-140	0		40
Pyrene	77		78		40-140	1		40
2-Methylnaphthalene	70		68		40-140	3		40
Pentachlorophenol	70		56		40-140	22		40
Hexachlorobenzene	73		72		40-140	1		40
Hexachloroethane	61		62		40-140	2		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1842780-2 WG1842780-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		60		21-120
Phenol-d6	53		53		10-120
Nitrobenzene-d5	75		74		23-120
2-Fluorobiphenyl	69		66		15-120
2,4,6-Tribromophenol	86		83		10-120
4-Terphenyl-d14	71		70		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1845884-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	119		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	121		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	113		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	120		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	125		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	122		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	118		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	115		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	118		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	118		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	120		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	112		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	118		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	96		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	120		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	105		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	105		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1845884-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	98		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	128		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	82		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	86		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	79		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	88		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	105		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	120		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	122		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	121		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	124		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	124		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	128		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	109		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	94		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	56		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1845884-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	75				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	46				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1845884-3								
Perfluorobutanoic Acid (PFBA)	106		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	103		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	99		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	107		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	115		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	104		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	102		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	97		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	106		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	106		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	101		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	94		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	90		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1845884-3								
Perfluorotridecanoic Acid (PFTrDA)	99		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	108		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	113		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	95		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	86		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	70		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	72		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	115		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	100		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	122		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	101		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	121		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	112		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	90		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	69		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1845884-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	72				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	79				20-150

PCBS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01
Client ID: SB-308 (3.5-4)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 09:15
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/23 12:45
Analyst: MEO
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/19/23 13:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.9	4.43	1	A
Aroclor 1221	ND		ug/kg	49.9	5.00	1	A
Aroclor 1232	ND		ug/kg	49.9	10.6	1	A
Aroclor 1242	ND		ug/kg	49.9	6.72	1	A
Aroclor 1248	ND		ug/kg	49.9	7.48	1	A
Aroclor 1254	ND		ug/kg	49.9	5.46	1	A
Aroclor 1260	ND		ug/kg	49.9	9.22	1	A
Aroclor 1262	ND		ug/kg	49.9	6.34	1	A
Aroclor 1268	ND		ug/kg	49.9	5.17	1	A
PCBs, Total	ND		ug/kg	49.9	4.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02
Client ID: SB-307 (9.5-10)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 14:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/23 12:53
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/19/23 13:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.6	4.76	1	A
Aroclor 1221	ND		ug/kg	53.6	5.38	1	A
Aroclor 1232	ND		ug/kg	53.6	11.4	1	A
Aroclor 1242	ND		ug/kg	53.6	7.23	1	A
Aroclor 1248	ND		ug/kg	53.6	8.05	1	A
Aroclor 1254	ND		ug/kg	53.6	5.87	1	A
Aroclor 1260	ND		ug/kg	53.6	9.91	1	A
Aroclor 1262	ND		ug/kg	53.6	6.81	1	A
Aroclor 1268	ND		ug/kg	53.6	5.56	1	A
PCBs, Total	ND		ug/kg	53.6	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03 D
Client ID: TW-301
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 08:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/22/23 14:47
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 10/21/23 13:52
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.357	0.305	5	A
Aroclor 1221	ND		ug/l	0.357	0.305	5	A
Aroclor 1232	ND		ug/l	0.357	0.305	5	A
Aroclor 1242	ND		ug/l	0.357	0.305	5	A
Aroclor 1248	ND		ug/l	0.357	0.305	5	A
Aroclor 1254	ND		ug/l	0.357	0.305	5	A
Aroclor 1260	ND		ug/l	0.357	0.305	5	A
Aroclor 1262	ND		ug/l	0.357	0.305	5	A
Aroclor 1268	ND		ug/l	0.357	0.305	5	A
PCBs, Total	ND		ug/l	0.357	0.305	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	31		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/20/23 12:21
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 10/19/23 13:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1841881-1						
Aroclor 1016	ND		ug/kg	49.6	4.40	A
Aroclor 1221	ND		ug/kg	49.6	4.96	A
Aroclor 1232	ND		ug/kg	49.6	10.5	A
Aroclor 1242	ND		ug/kg	49.6	6.68	A
Aroclor 1248	ND		ug/kg	49.6	7.43	A
Aroclor 1254	ND		ug/kg	49.6	5.42	A
Aroclor 1260	ND		ug/kg	49.6	9.16	A
Aroclor 1262	ND		ug/kg	49.6	6.29	A
Aroclor 1268	ND		ug/kg	49.6	5.13	A
PCBs, Total	ND		ug/kg	49.6	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/22/23 14:13
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 10/21/23 13:52
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1842690-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	108		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

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: WG1841881-2 WG1841881-3									
Aroclor 1016	71		69		40-140	3		50	A
Aroclor 1260	62		60		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		72		30-150	A
Decachlorobiphenyl	65		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		75		30-150	B
Decachlorobiphenyl	66		64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

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: WG1842690-2 WG1842690-3									
Aroclor 1016	77		86		40-140	11		50	A
Aroclor 1260	80		86		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		76		30-150	A
Decachlorobiphenyl	96		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	B
Decachlorobiphenyl	93		84		30-150	B

PESTICIDES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01
Client ID: SB-308 (3.5-4)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 09:15
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/20/23 16:53
Analyst: MMG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/19/23 17:57
Cleanup Method: EPA 3620B
Cleanup Date: 10/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.315	1	A
Lindane	ND		ug/kg	0.671	0.300	1	A
Alpha-BHC	ND		ug/kg	0.671	0.190	1	A
Beta-BHC	ND		ug/kg	1.61	0.611	1	A
Heptachlor	ND		ug/kg	0.805	0.361	1	A
Aldrin	ND		ug/kg	1.61	0.567	1	A
Heptachlor epoxide	ND		ug/kg	3.02	0.906	1	A
Endrin	ND		ug/kg	0.671	0.275	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.704	1	A
Endrin ketone	ND		ug/kg	1.61	0.415	1	A
Dieldrin	ND		ug/kg	1.01	0.503	1	A
4,4'-DDE	ND		ug/kg	1.61	0.372	1	A
4,4'-DDD	ND		ug/kg	1.61	0.574	1	A
4,4'-DDT	ND		ug/kg	1.61	1.30	1	A
Endosulfan I	ND		ug/kg	1.61	0.380	1	A
Endosulfan II	ND		ug/kg	1.61	0.538	1	A
Endosulfan sulfate	ND		ug/kg	0.671	0.319	1	A
Methoxychlor	ND		ug/kg	3.02	0.939	1	A
Toxaphene	ND		ug/kg	30.2	8.46	1	A
cis-Chlordane	ND		ug/kg	2.01	0.561	1	A
trans-Chlordane	ND		ug/kg	2.01	0.531	1	A
Chlordane	ND		ug/kg	13.4	5.33	1	A

Project Name: 466 MAIN ST
Lab Number: L2361842
Project Number: 12587
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01
Client ID: SB-308 (3.5-4)
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 09:15
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	126		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02
Client ID: SB-307 (9.5-10)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 14:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/21/23 11:42
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/19/23 17:57
Cleanup Method: EPA 3620B
Cleanup Date: 10/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.334	1	A
Lindane	ND		ug/kg	0.712	0.318	1	A
Alpha-BHC	ND		ug/kg	0.712	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.854	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.961	1	A
Endrin	ND		ug/kg	0.712	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.747	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.395	1	A
4,4'-DDD	ND		ug/kg	1.71	0.609	1	A
4,4'-DDT	ND		ug/kg	1.71	1.37	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.571	1	A
Endosulfan sulfate	ND		ug/kg	0.712	0.339	1	A
Methoxychlor	ND		ug/kg	3.20	0.997	1	A
Toxaphene	ND		ug/kg	32.0	8.97	1	A
cis-Chlordane	ND		ug/kg	2.14	0.595	1	A
trans-Chlordane	ND		ug/kg	2.14	0.564	1	A
Chlordane	ND		ug/kg	14.2	5.66	1	A

Project Name: 466 MAIN ST
Lab Number: L2361842
Project Number: 12587
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02
Client ID: SB-307 (9.5-10)
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 14:30
Date Received: 10/18/23
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	82		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	133		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 08:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/22/23 18:21
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 10/21/23 12:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.019	0.004	1	A
Lindane	ND		ug/l	0.019	0.004	1	A
Alpha-BHC	ND		ug/l	0.019	0.004	1	A
Beta-BHC	ND		ug/l	0.019	0.005	1	A
Heptachlor	ND		ug/l	0.019	0.003	1	A
Aldrin	ND		ug/l	0.019	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.019	0.004	1	A
Endrin	ND		ug/l	0.038	0.004	1	A
Endrin aldehyde	ND		ug/l	0.038	0.008	1	A
Endrin ketone	ND		ug/l	0.038	0.005	1	A
Dieldrin	ND		ug/l	0.038	0.004	1	A
4,4'-DDE	ND		ug/l	0.038	0.004	1	A
4,4'-DDD	ND		ug/l	0.038	0.004	1	A
4,4'-DDT	ND		ug/l	0.038	0.004	1	A
Endosulfan I	ND		ug/l	0.019	0.003	1	A
Endosulfan II	ND		ug/l	0.038	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.038	0.005	1	A
Methoxychlor	ND		ug/l	0.189	0.006	1	A
Toxaphene	ND		ug/l	0.189	0.059	1	A
cis-Chlordane	ND		ug/l	0.019	0.006	1	A
trans-Chlordane	ND		ug/l	0.019	0.006	1	A
Chlordane	ND		ug/l	0.189	0.044	1	A

Project Name: 466 MAIN ST
Lab Number: L2361842
Project Number: 12587
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 08:30
Date Received: 10/18/23
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	68		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/20/23 15:47
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 10/19/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 10/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1842008-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.764	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.955	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.545	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.891	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/20/23 15:47
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 10/19/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 10/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1842008-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/21/23 12:15
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 10/20/23 13:17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1842408-1						
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		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
4,4'-DDT	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		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/21/23 12:15
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 10/20/23 13:17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1842408-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

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: WG1842008-2 WG1842008-3									
Delta-BHC	99		103		30-150	4		30	A
Lindane	93		95		30-150	2		30	A
Alpha-BHC	94		96		30-150	2		30	A
Beta-BHC	105		106		30-150	1		30	A
Heptachlor	98		94		30-150	4		30	A
Aldrin	90		93		30-150	3		30	A
Heptachlor epoxide	86		90		30-150	5		30	A
Endrin	98		100		30-150	2		30	A
Endrin aldehyde	83		90		30-150	8		30	A
Endrin ketone	102		108		30-150	6		30	A
Dieldrin	101		106		30-150	5		30	A
4,4'-DDE	94		99		30-150	5		30	A
4,4'-DDD	99		107		30-150	8		30	A
4,4'-DDT	94		99		30-150	5		30	A
Endosulfan I	91		97		30-150	6		30	A
Endosulfan II	93		100		30-150	7		30	A
Endosulfan sulfate	92		98		30-150	6		30	A
Methoxychlor	98		102		30-150	4		30	A
cis-Chlordane	84		89		30-150	6		30	A
trans-Chlordane	84		86		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

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: WG1842008-2 WG1842008-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		75		30-150	A
Decachlorobiphenyl	91		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		96		30-150	B
Decachlorobiphenyl	132		136		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

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: WG1842408-2 WG1842408-3									
Delta-BHC	77		79		30-150	3		20	A
Lindane	71		73		30-150	3		20	A
Alpha-BHC	75		77		30-150	3		20	A
Beta-BHC	76		81		30-150	6		20	A
Heptachlor	70		72		30-150	2		20	A
Aldrin	66		68		30-150	3		20	A
Heptachlor epoxide	69		71		30-150	3		20	A
Endrin	71		72		30-150	2		20	A
Endrin aldehyde	61		59		30-150	2		20	A
Endrin ketone	84		84		30-150	1		20	A
Dieldrin	76		77		30-150	1		20	A
4,4'-DDE	68		69		30-150	1		20	A
4,4'-DDD	76		76		30-150	0		20	A
4,4'-DDT	76		71		30-150	7		20	A
Endosulfan I	76		76		30-150	1		20	A
Endosulfan II	71		72		30-150	1		20	A
Endosulfan sulfate	72		73		30-150	2		20	A
Methoxychlor	81		80		30-150	1		20	A
cis-Chlordane	60		61		30-150	2		20	A
trans-Chlordane	78		78		30-150	0		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1842408-2 WG1842408-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		69		30-150	A
Decachlorobiphenyl	80		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		67		30-150	B
Decachlorobiphenyl	98		95		30-150	B

METALS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01
Client ID: SB-308 (3.5-4)
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 09:15
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7450		mg/kg	7.97	2.15	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	3.99	0.303	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.67		mg/kg	0.797	0.166	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Barium, Total	40.8		mg/kg	0.797	0.139	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.225	J	mg/kg	0.399	0.026	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.098	J	mg/kg	0.797	0.078	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Calcium, Total	3300		mg/kg	7.97	2.79	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Chromium, Total	35.4		mg/kg	0.797	0.077	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.60		mg/kg	1.59	0.132	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Copper, Total	28.7		mg/kg	0.797	0.206	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Iron, Total	13000		mg/kg	3.99	0.720	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Lead, Total	20.6		mg/kg	3.99	0.214	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Magnesium, Total	3520		mg/kg	7.97	1.23	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Manganese, Total	174		mg/kg	0.797	0.127	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	10/21/23 00:46	10/23/23 13:46	EPA 7471B	1,7471B	MJR
Nickel, Total	52.1		mg/kg	1.99	0.193	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Potassium, Total	1200		mg/kg	199	11.5	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Selenium, Total	0.417	J	mg/kg	1.59	0.206	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.399	0.226	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Sodium, Total	133	J	mg/kg	159	2.51	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Thallium, Total	0.619	J	mg/kg	1.59	0.251	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.5		mg/kg	0.797	0.162	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF
Zinc, Total	20.0		mg/kg	3.99	0.234	2	10/20/23 23:25	10/21/23 12:15	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST
Lab Number: L2361842
Project Number: 12587
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02
Client ID: SB-307 (9.5-10)
Sample Location: 466 MAIN ST
Date Collected: 10/18/23 14:30
Date Received: 10/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8890		mg/kg	8.62	2.33	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.31	0.327	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.60		mg/kg	0.862	0.179	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Barium, Total	68.4		mg/kg	0.862	0.150	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.241	J	mg/kg	0.431	0.028	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.087	J	mg/kg	0.862	0.084	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Calcium, Total	820		mg/kg	8.62	3.02	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Chromium, Total	18.3		mg/kg	0.862	0.083	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.43		mg/kg	1.72	0.143	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Copper, Total	12.4		mg/kg	0.862	0.222	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Iron, Total	14000		mg/kg	4.31	0.778	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Lead, Total	3.69	J	mg/kg	4.31	0.231	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Magnesium, Total	2460		mg/kg	8.62	1.33	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Manganese, Total	232		mg/kg	0.862	0.137	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.072	0.047	1	10/21/23 00:46	10/23/23 13:55	EPA 7471B	1,7471B	MJR
Nickel, Total	12.0		mg/kg	2.15	0.208	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Potassium, Total	3030		mg/kg	215	12.4	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.72	0.222	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.431	0.244	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Sodium, Total	189		mg/kg	172	2.71	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Thallium, Total	1.08	J	mg/kg	1.72	0.271	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.5		mg/kg	0.862	0.175	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF
Zinc, Total	25.5		mg/kg	4.31	0.252	2	10/20/23 23:25	10/21/23 12:18	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST
Sample Depth:
Matrix: Water

Date Collected: 10/18/23 08:30
Date Received: 10/18/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	99.0		mg/l	0.0100	0.00327	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00650		mg/l	0.00050	0.00016	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Barium, Total	3.221		mg/l	0.00050	0.00017	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Beryllium, Total	0.00610		mg/l	0.00050	0.00010	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00488		mg/l	0.00020	0.00005	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Calcium, Total	263.		mg/l	0.100	0.0394	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Chromium, Total	0.7008		mg/l	0.00100	0.00017	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.4473		mg/l	0.00050	0.00016	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Copper, Total	2.864		mg/l	0.00100	0.00038	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Iron, Total	226.		mg/l	0.0500	0.0191	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Lead, Total	0.2822		mg/l	0.00100	0.00034	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Magnesium, Total	75.1		mg/l	0.0700	0.0242	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Manganese, Total	40.80		mg/l	0.01000	0.00440	10	10/20/23 16:50	10/23/23 16:35	EPA 3005A	1,6020B	SMV
Mercury, Total	0.00030		mg/l	0.00020	0.00009	1	10/20/23 15:08	10/25/23 01:06	EPA 7470A	1,7470A	MJR
Nickel, Total	1.273		mg/l	0.00200	0.00055	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Potassium, Total	63.0		mg/l	0.100	0.0309	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Selenium, Total	0.0364		mg/l	0.00500	0.00173	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Silver, Total	2.010		mg/l	0.04000	0.01630	1	10/24/23 20:38	10/25/23 08:14	EPA 3005A	1,6020B	SMV
Sodium, Total	170.		mg/l	0.100	0.0293	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Thallium, Total	0.00172		mg/l	0.00100	0.00014	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.3114		mg/l	0.00500	0.00157	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV
Zinc, Total	0.7272		mg/l	0.01000	0.00341	1	10/20/23 16:50	10/23/23 15:22	EPA 3005A	1,6020B	SMV

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

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): 01-02 Batch: WG1841781-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Antimony, Total	0.368	J	mg/kg	2.00	0.152	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Iron, Total	ND		mg/kg	2.00	0.361	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Sodium, Total	1.62	J	mg/kg	80.0	1.26	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/20/23 23:25	10/21/23 11:20	1,6010D	JMF

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): 01-02 Batch: WG1841784-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/21/23 00:46	10/23/23 13:16	1,7471B	MJR

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1841822-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/20/23 16:50	10/23/23 14:46	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

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): 03 Batch: WG1841823-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/20/23 15:08	10/25/23 00:24	1,7470A	MJR

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): 03 Batch: WG1843814-1										
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/24/23 20:38	10/25/23 08:40	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1841781-2 SRM Lot Number: D119-540								
Aluminum, Total	72		-		48-152	-		
Antimony, Total	167		-		10-190	-		
Arsenic, Total	105		-		83-117	-		
Barium, Total	101		-		82-118	-		
Beryllium, Total	105		-		83-117	-		
Cadmium, Total	101		-		82-117	-		
Calcium, Total	95		-		81-118	-		
Chromium, Total	107		-		82-119	-		
Cobalt, Total	103		-		83-117	-		
Copper, Total	98		-		84-116	-		
Iron, Total	99		-		60-140	-		
Lead, Total	104		-		82-118	-		
Magnesium, Total	88		-		76-124	-		
Manganese, Total	97		-		82-118	-		
Nickel, Total	104		-		82-117	-		
Potassium, Total	86		-		70-130	-		
Selenium, Total	105		-		79-121	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	100		-		74-126	-		
Thallium, Total	100		-		81-119	-		
Vanadium, Total	103		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1841781-2 SRM Lot Number: D119-540					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1841784-2 SRM Lot Number: D119-540					
Mercury, Total	99	-	73-127	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1841822-2					
Aluminum, Total	98	-	80-120	-	
Antimony, Total	96	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	96	-	80-120	-	
Chromium, Total	103	-	80-120	-	
Cobalt, Total	105	-	80-120	-	
Copper, Total	107	-	80-120	-	
Iron, Total	105	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	108	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	105	-	80-120	-	
Potassium, Total	103	-	80-120	-	
Selenium, Total	101	-	80-120	-	
Silver, Total	101	-	80-120	-	
Sodium, Total	110	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	97	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1841822-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1841823-2					
Mercury, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1843814-2					
Silver, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

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): 01-02 QC Batch ID: WG1841781-3 QC Sample: L2361911-01 Client ID: MS Sample												
Aluminum, Total	5070	170	4190	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	42.4	45.3	107		-	-		75-125	-		20
Arsenic, Total	2.86	10.2	13.4	104		-	-		75-125	-		20
Barium, Total	28.0	170	192	97		-	-		75-125	-		20
Beryllium, Total	0.317J	4.24	4.43	104		-	-		75-125	-		20
Cadmium, Total	0.132J	4.5	4.22	94		-	-		75-125	-		20
Calcium, Total	1220	849	1890	79		-	-		75-125	-		20
Chromium, Total	22.1	17	29.0	**41**	Q	-	-		75-125	-		20
Cobalt, Total	4.61	42.4	45.4	96		-	-		75-125	-		20
Copper, Total	11.6	21.2	31.0	91		-	-		75-125	-		20
Iron, Total	19100	84.9	15900	**0**	Q	-	-		75-125	-		20
Lead, Total	12.4	45	61.5	109		-	-		75-125	-		20
Magnesium, Total	2340	849	2230	**0**	Q	-	-		75-125	-		20
Manganese, Total	291	42.4	346	**130**	Q	-	-		75-125	-		20
Nickel, Total	9.76	42.4	48.7	92		-	-		75-125	-		20
Potassium, Total	1150	849	1380	**27**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.2	10.5	103		-	-		75-125	-		20
Silver, Total	ND	4.24	4.37	103		-	-		75-125	-		20
Sodium, Total	120J	849	932	110		-	-		75-125	-		20
Thallium, Total	0.449J	10.2	10.0	98		-	-		75-125	-		20
Vanadium, Total	21.5	42.4	59.4	89		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

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): 01-02 QC Batch ID: WG1841781-3 QC Sample: L2361911-01 Client ID: MS Sample									
Zinc, Total	33.8	42.4	70.7	87	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1841784-3 QC Sample: L2361705-01 Client ID: MS Sample									
Mercury, Total	ND	1.52	1.53	100	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

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): 03 QC Batch ID: WG1841822-3 WG1841822-4 QC Sample: L2361578-01 Client ID: MS Sample											
Aluminum, Total	0.117	2	2.03	96		2.06	97		75-125	1	20
Antimony, Total	ND	0.5	0.5007	100		0.5140	103		75-125	3	20
Arsenic, Total	0.00090	0.12	0.1285	106		0.1325	110		75-125	3	20
Barium, Total	0.08076	2	2.062	99		2.150	103		75-125	4	20
Beryllium, Total	ND	0.05	0.05239	105		0.05274	105		75-125	1	20
Cadmium, Total	ND	0.053	0.05427	102		0.05690	107		75-125	5	20
Calcium, Total	181.	10	178	**0**	Q	185	**40**	Q	75-125	4	20
Chromium, Total	0.00814	0.2	0.2105	101		0.2139	103		75-125	2	20
Cobalt, Total	0.00112	0.5	0.5092	102		0.5193	104		75-125	2	20
Copper, Total	0.00462	0.25	0.2659	104		0.2714	107		75-125	2	20
Iron, Total	0.304	1	1.34	104		1.42	112		75-125	6	20
Lead, Total	0.00059J	0.53	0.5533	104		0.5675	107		75-125	3	20
Magnesium, Total	65.7	10	79.0	**133**	Q	81.4	**157**	Q	75-125	3	20
Manganese, Total	0.07412	0.5	0.5772	101		0.5943	104		75-125	3	20
Nickel, Total	0.00823	0.5	0.5091	100		0.5221	103		75-125	3	20
Potassium, Total	6.55	10	16.2	96		16.6	100		75-125	2	20
Selenium, Total	ND	0.12	0.120	100		0.130	108		75-125	8	20
Silver, Total	ND	0.05	0.05041	101		0.05214	104		75-125	3	20
Sodium, Total	377.	10	371	**0**	Q	378	**10**	Q	75-125	2	20
Thallium, Total	ND	0.12	0.1210	101		0.1229	102		75-125	2	20
Vanadium, Total	ND	0.5	0.4860	97		0.4923	98		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

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): 03 QC Batch ID: WG1841822-3 WG1841822-4 QC Sample: L2361578-01 Client ID: MS Sample									
Zinc, Total	0.01896	0.5	0.5236	101	0.5278	102	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1841823-3 WG1841823-4 QC Sample: L2361578-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00484	97	0.00489	98	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1843814-3 QC Sample: L2361842-03 Client ID: TW-301									
Silver, Total	2.010	5	6.921	98	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1841781-4 QC Sample: L2361911-01 Client ID: DUP Sample						
Aluminum, Total	5070	3000	mg/kg	**51**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.86	2.09	mg/kg	**31**	Q	20
Barium, Total	28.0	26.2	mg/kg	7		20
Beryllium, Total	0.317J	0.238J	mg/kg	NC		20
Cadmium, Total	0.132J	0.101J	mg/kg	NC		20
Calcium, Total	1220	1040	mg/kg	16		20
Chromium, Total	22.1	10.0	mg/kg	**75**	Q	20
Cobalt, Total	4.61	3.81	mg/kg	19		20
Copper, Total	11.6	8.87	mg/kg	**27**	Q	20
Iron, Total	19100	11300	mg/kg	**51**	Q	20
Lead, Total	12.4	12.4	mg/kg	0		20
Magnesium, Total	2340	1010	mg/kg	**79**	Q	20
Manganese, Total	291	232	mg/kg	**23**	Q	20
Nickel, Total	9.76	7.06	mg/kg	**32**	Q	20
Potassium, Total	1150	407	mg/kg	**95**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	120J	93.3J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1841781-4 QC Sample: L2361911-01 Client ID: DUP Sample						
Thallium, Total	0.449J	0.408J	mg/kg	NC		20
Vanadium, Total	21.5	13.1	mg/kg	**49**	Q	20
Zinc, Total	33.8	24.1	mg/kg	**34**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1841784-4 QC Sample: L2361705-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1843814-4 QC Sample: L2361842-03 Client ID: TW-301						
Silver, Total	2.010	1.988	mg/l	1		20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2361842
Report Date: 11/10/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1841781-6 QC Sample: L2361911-01 Client ID: DUP Sample						
Aluminum, Total	5070	5460	mg/kg	8		20
Barium, Total	28.0	30.2	mg/kg	8		20
Calcium, Total	1220	1360	mg/kg	11		20
Iron, Total	19100	20200	mg/kg	6		20
Magnesium, Total	2340	2550	mg/kg	9		20
Manganese, Total	291	319	mg/kg	10		20
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1841822-6 QC Sample: L2361578-01 Client ID: DUP Sample						
Barium, Total	0.08076	0.07721	mg/l	4		20
Calcium, Total	181.	174.	mg/l	4		20
Magnesium, Total	65.7	69.8	mg/l	6		20
Manganese, Total	0.07412	0.07383	mg/l	0		20
Potassium, Total	6.55	6.31	mg/l	4		20
Sodium, Total	377.	366.	mg/l	3		20
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1843814-6 QC Sample: L2361842-03 Client ID: TW-301						
Silver, Total	2.010	2.053	mg/l	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-01
Client ID: SB-308 (3.5-4)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 09:15
Date Received: 10/18/23
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	95.1		%	0.100	NA	1	-	10/19/23 10:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	10/21/23 10:40	10/24/23 19:16	1,9010C/9012B	JER

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-02
Client ID: SB-307 (9.5-10)
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 14:30
Date Received: 10/18/23
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	89.7		%	0.100	NA	1	-	10/19/23 10:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/21/23 10:40	10/24/23 19:17	1,9010C/9012B	JER

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

SAMPLE RESULTS

Lab ID: L2361842-03
Client ID: TW-301
Sample Location: 466 MAIN ST

Date Collected: 10/18/23 08:30
Date Received: 10/18/23
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	0.003	J	mg/l	0.005	0.001	1	10/22/23 18:20	10/25/23 17:26	1,9010C/9012B	JER

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2361842
Report Date: 11/10/23

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): 01-02 Batch: WG1842599-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	10/21/23 10:40	10/24/23 18:58	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1842861-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/22/23 18:20	10/25/23 17:07	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1842599-2 WG1842599-3								
Cyanide, Total	100		93		80-120	10		35
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1842861-2 WG1842861-3								
Cyanide, Total	96		103		85-115	7		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

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): 01-02 QC Batch ID: WG1842599-4 WG1842599-5 QC Sample: L2362182-02 Client ID: MS Sample												
Cyanide, Total	ND	11	11	97		12	100		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1842861-4 WG1842861-5 QC Sample: L2361557-07 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.207	104		0.202	101		80-120	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2361842

Report Date: 11/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1841722-1 QC Sample: L2361842-01 Client ID: SB-308 (3.5-4)						
Solids, Total	95.1	95.5	%	0		20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

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(*)
L2361842-01A	5 gram Encore Sampler	A	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2361842-01B	5 gram Encore Sampler	A	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2361842-01C	5 gram Encore Sampler	A	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2361842-01D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7)
L2361842-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2361842-01F	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2361842-01X	Vial MeOH preserved split	A	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2361842-01Y	Vial Water preserved split	A	NA		3.0	Y	Absent	19-OCT-23 11:57	NYTCL-8260HLW(14)
L2361842-01Z	Vial Water preserved split	A	NA		3.0	Y	Absent	19-OCT-23 11:57	NYTCL-8260HLW(14)
L2361842-02A	5 gram Encore Sampler	A	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2361842-02B	5 gram Encore Sampler	A	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2361842-02C	5 gram Encore Sampler	A	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2361842-02D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7)
L2361842-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2361842-02F	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2361842-02X	Vial MeOH preserved split	A	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2361842-02Y	Vial Water preserved split	A	NA		3.0	Y	Absent	19-OCT-23 11:57	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2361842-02Z	Vial Water preserved split	A	NA		3.0	Y	Absent	19-OCT-23 11:57	NYTCL-8260HLW(14)
L2361842-03A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2361842-03B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2361842-03C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2361842-03D	Plastic 250ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2361842-03E	Plastic 250ml NaOH preserved	A	>12	>12	3.0	Y	Absent		TCN-9010(14)
L2361842-03F	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2361842-03G	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2361842-03H	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7)
L2361842-03I	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7)
L2361842-03J	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2361842-03K	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2361842-03L	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		HOLD-1,4DIOX(7)
L2361842-03M	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		HOLD-1,4DIOX(7)
L2361842-03N	Plastic 500ml unpreserved	A	NA		3.0	Y	Absent		A2-1633-DRAFT(28)
L2361842-03O	Plastic 500ml unpreserved	A	NA		3.0	Y	Absent		A2-1633-DRAFT(28)
L2361842-03P	Plastic 500ml unpreserved	A	NA		3.0	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

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/PFTeDA	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/PFDoS	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
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
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/PFOSA	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
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2361842
Report Date: 11/10/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	466 MAIN ST	**Lab Number:**	L2361842
Project Number:	12587	**Report Date:**	11/10/23

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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2361842
Project Number:	12587	**Report Date:**	11/10/23

Footnotes

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2361842
Project Number:	12587	**Report Date:**	11/10/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	466 MAIN ST	**Lab Number:**	L2361842
Project Number:	12587	**Report Date:**	11/10/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

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, EPA 537.1.

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

Page 1 of 1

Date Rec'd in Lab: 10/19/23

ALPHA Job #: L2361842

Client Information
Client: SESI
Address: 959 RT 46, Fl3 Suite 300, Parsippany, NJ
Phone: 973-518-8047
Fax:
Email: Chris.Mavicini@sesi.org

Project Information
Project Name: 466 Main St
Project Location: 466 Main St
Project # 12587
(Use Project name as Project #) ☐
Project Manager: JAMES VANDERLIET
ALPHAQuote #:

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

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please use Time/DATE/Sample ID, Provided In COC

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	~~PFAS~~	PFAS	1,4 Dioxane					Sample Specific Comments	Total Bottle
61842-01	SB-308 (3.5-4)	10/18/23	915	S	RR	X	*								6
02	SB-307 (9.5-10)		230	S		X									6
03	TW-301		830	GW		X		X	X					1,4 Dioxane on hold	16

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									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Ronnie Reynoso	10/19/23 1510		10/19/23 1510
	10/18/23 17		10/18/23 18:45
	10/18/23		10/18 22:00
	10/19 0330		10/19/23 0330

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2362230
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	466 MAIN ST
Project Number:	12587
Report Date:	11/15/23

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2362230-01	SB-309 (3-3.5)	SOIL	466 MAIN ST	10/19/23 14:15	10/19/23
L2362230-02	TW-302	WATER	466 MAIN ST	10/19/23 14:30	10/19/23

Project Name:	466 MAIN ST	**Lab Number:**	L2362230
Project Number:	12587	**Report Date:**	11/15/23

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:	466 MAIN ST	**Lab Number:**	L2362230
Project Number:	12587	**Report Date:**	11/15/23

Case Narrative (continued)

Report Submission

November 15, 2023: This final report includes the results of all requested analyses.

October 26, 2023: 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.

Sample Receipt

The project number was specified by the client.

Perfluorinated Alkyl Acids by 1633

L2362230-02: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

Total Metals

L2362230-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2362230-02: The initial analysis yielded a high Relative Standard Deviation (>30%) for arsenic. Re-analysis confirmed the original result.

L2362230-02: The sample has elevated detection limits for for all elements due to the prep dilution required by the sample matrix.

Cyanide, Total

The WG1843468-3 LCSD recovery for cyanide, total (73%), associated with L2362230-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analysis 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 O'Neill

Title: Technical Director/Representative Date: 11/15/23

ORGANICS

VOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01
Client ID: SB-309 (3-3.5)
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:15
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/24/23 17:03
Analyst: SLS
Percent Solids: 91%

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

Project Name: 466 MAIN ST **Lab Number:** L2362230

Project Number: 12587 **Report Date:** 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01 Date Collected: 10/19/23 14:15

Client ID: SB-309 (3-3.5) Date Received: 10/19/23

Sample Location: 466 MAIN ST Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
Xylenes, Total	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01
Client ID: SB-309 (3-3.5)
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:15
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	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	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	93		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02 D
Client ID: TW-302
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/24/23 16:42
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
1,3-Dichloropropene, Total	ND		ug/l	1.2	0.36	2.5
1,1-Dichloropropene	ND		ug/l	6.2	1.8	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	180		ug/l	1.2	0.40	2.5
Toluene	190		ug/l	6.2	1.8	2.5
Ethylbenzene	26		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5

Project Name: 466 MAIN ST **Lab Number:** L2362230

Project Number: 12587 **Report Date:** 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02 D Date Collected: 10/19/23 14:30
Client ID: TW-302 Date Received: 10/19/23
Sample Location: 466 MAIN ST 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	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	54		ug/l	6.2	1.8	2.5
o-Xylene	34		ug/l	6.2	1.8	2.5
Xylenes, Total	88		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethene, Total	ND		ug/l	6.2	1.8	2.5
Dibromomethane	ND		ug/l	12	2.5	2.5
1,2,3-Trichloropropane	ND		ug/l	6.2	1.8	2.5
Acrylonitrile	ND		ug/l	12	3.8	2.5
Styrene	3.4	J	ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	280		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	61		ug/l	12	4.8	2.5
Vinyl acetate	ND		ug/l	12	2.5	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	13		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
2,2-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,3-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	1.8	2.5
Bromobenzene	ND		ug/l	6.2	1.8	2.5
n-Butylbenzene	ND		ug/l	6.2	1.8	2.5
sec-Butylbenzene	ND		ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
o-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
p-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Hexachlorobutadiene	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	ND		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	20		ug/l	6.2	1.8	2.5

Project Name: 466 MAIN ST **Lab Number:** L2362230

Project Number: 12587 **Report Date:** 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02 D Date Collected: 10/19/23 14:30
Client ID: TW-302 Date Received: 10/19/23
Sample Location: 466 MAIN ST Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	4.1	J	ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	2.4	J	ug/l	6.2	1.8	2.5
1,2,4-Trimethylbenzene	11		ug/l	6.2	1.8	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
p-Diethylbenzene	ND		ug/l	5.0	1.8	2.5
p-Ethyltoluene	13		ug/l	5.0	1.8	2.5
1,2,4,5-Tetramethylbenzene	ND		ug/l	5.0	1.4	2.5
Ethyl ether	ND		ug/l	6.2	1.8	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.2	1.8	2.5
Tentatively Identified Compounds						
Total TIC Compounds	63.7	J	ug/l			2.5
Unknown	5.95	J	ug/l			2.5
Propene	23.9	NJ	ug/l			2.5
Unknown	5.75	J	ug/l			2.5
Unknown Alkene	12.9	J	ug/l			2.5
Indane	4.20	NJ	ug/l			2.5
2-Octanone	6.00	NJ	ug/l			2.5
Unknown Benzene	4.95	J	ug/l			2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	84		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/24/23 12:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1843961-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/24/23 12:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1843961-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/24/23 12:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1843961-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/24/23 12:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1843961-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	90		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/24/23 10:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1844088-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/24/23 10:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1844088-5					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/24/23 10:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1844088-5					
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	3.32	J	ug/kg
Unknown	3.32	J	ug/kg

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/24/23 10:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1844088-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	86		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1843961-3 WG1843961-4								
Methylene chloride	92		96		70-130	4		20
1,1-Dichloroethane	98		100		70-130	2		20
Chloroform	87		94		70-130	8		20
Carbon tetrachloride	85		90		63-132	6		20
1,2-Dichloropropane	99		100		70-130	1		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	63		66		62-150	5		20
1,2-Dichloroethane	90		96		70-130	6		20
1,1,1-Trichloroethane	86		90		67-130	5		20
Bromodichloromethane	85		91		67-130	7		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	88		91		70-130	3		20
1,1-Dichloropropene	95		96		70-130	1		20
Bromoform	95		100		54-136	5		20
1,1,2,2-Tetrachloroethane	120		130		67-130	8		20
Benzene	96		98		70-130	2		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	97		98		64-130	1		20
Bromomethane	42		44		39-139	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1843961-3 WG1843961-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	84		87		55-138	4		20
1,1-Dichloroethene	96		100		61-145	4		20
trans-1,2-Dichloroethene	94		94		70-130	0		20
Trichloroethene	88		90		70-130	2		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	78		86		63-130	10		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	93		95		70-130	2		20
Dibromomethane	84		90		70-130	7		20
1,2,3-Trichloropropane	110		120		64-130	9		20
Acrylonitrile	92		100		70-130	8		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	86		88		36-147	2		20
Acetone	91		96		58-148	5		20
Carbon disulfide	100		96		51-130	4		20
2-Butanone	94		100		63-138	6		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	99		110		59-130	11		20
2-Hexanone	78		90		57-130	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1843961-3 WG1843961-4								
Bromochloromethane	90		96		70-130	6		20
2,2-Dichloropropane	86		91		63-133	6		20
1,2-Dibromoethane	100		110		70-130	10		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	99		100		64-130	1		20
Bromobenzene	110		110		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	97		110		41-144	13		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	96		100		70-130	4		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	100		110		70-130	10		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	96		104		56-162	8		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1843961-3 WG1843961-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	96		98		70-130	2		20
Ethyl ether	72		78		59-134	8		20
trans-1,4-Dichloro-2-butene	93		100		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		91		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	106		107		70-130
Dibromofluoromethane	85		87		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1844088-3 WG1844088-4								
Methylene chloride	78		79		70-130	1		30
1,1-Dichloroethane	80		82		70-130	2		30
Chloroform	81		82		70-130	1		30
Carbon tetrachloride	80		80		70-130	0		30
1,2-Dichloropropane	83		86		70-130	4		30
Dibromochloromethane	91		95		70-130	4		30
1,1,2-Trichloroethane	101		104		70-130	3		30
Tetrachloroethene	107		108		70-130	1		30
Chlorobenzene	101		103		70-130	2		30
Trichlorofluoromethane	73		73		70-139	0		30
1,2-Dichloroethane	79		81		70-130	3		30
1,1,1-Trichloroethane	84		84		70-130	0		30
Bromodichloromethane	83		85		70-130	2		30
trans-1,3-Dichloropropene	89		93		70-130	4		30
cis-1,3-Dichloropropene	82		84		70-130	2		30
1,1-Dichloropropene	90		90		70-130	0		30
Bromoform	103		106		70-130	3		30
1,1,2,2-Tetrachloroethane	109		112		70-130	3		30
Benzene	86		86		70-130	0		30
Toluene	96		98		70-130	2		30
Ethylbenzene	100		100		70-130	0		30
Chloromethane	65		65		52-130	0		30
Bromomethane	76		76		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1844088-3 WG1844088-4								
Vinyl chloride	75		74		67-130	1		30
Chloroethane	86		87		50-151	1		30
1,1-Dichloroethene	78		78		65-135	0		30
trans-1,2-Dichloroethene	82		83		70-130	1		30
Trichloroethene	86		86		70-130	0		30
1,2-Dichlorobenzene	106		110		70-130	4		30
1,3-Dichlorobenzene	108		111		70-130	3		30
1,4-Dichlorobenzene	105		106		70-130	1		30
Methyl tert butyl ether	80		82		66-130	2		30
p/m-Xylene	102		103		70-130	1		30
o-Xylene	108		110		70-130	2		30
cis-1,2-Dichloroethene	84		85		70-130	1		30
Dibromomethane	83		86		70-130	4		30
Styrene	93		95		70-130	2		30
Dichlorodifluoromethane	56		55		30-146	2		30
Acetone	75		76		54-140	1		30
Carbon disulfide	68		68		59-130	0		30
2-Butanone	80		84		70-130	5		30
Vinyl acetate	81		81		70-130	0		30
4-Methyl-2-pentanone	90		92		70-130	2		30
1,2,3-Trichloropropane	106		110		68-130	4		30
2-Hexanone	88		92		70-130	4		30
Bromochloromethane	86		87		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1844088-3 WG1844088-4								
2,2-Dichloropropane	87		86		70-130	1		30
1,2-Dibromoethane	91		94		70-130	3		30
1,3-Dichloropropane	102		106		69-130	4		30
1,1,1,2-Tetrachloroethane	103		106		70-130	3		30
Bromobenzene	109		112		70-130	3		30
n-Butylbenzene	112		113		70-130	1		30
sec-Butylbenzene	111		112		70-130	1		30
tert-Butylbenzene	112		114		70-130	2		30
o-Chlorotoluene	108		110		70-130	2		30
p-Chlorotoluene	109		110		70-130	1		30
1,2-Dibromo-3-chloropropane	97		97		68-130	0		30
Hexachlorobutadiene	108		112		67-130	4		30
Isopropylbenzene	114		115		70-130	1		30
p-Isopropyltoluene	114		116		70-130	2		30
Naphthalene	111		116		70-130	4		30
Acrylonitrile	80		82		70-130	2		30
n-Propylbenzene	110		112		70-130	2		30
1,2,3-Trichlorobenzene	111		114		70-130	3		30
1,2,4-Trichlorobenzene	113		116		70-130	3		30
1,3,5-Trimethylbenzene	111		112		70-130	1		30
1,2,4-Trimethylbenzene	111		113		70-130	2		30
1,4-Dioxane	88		91		65-136	3		30
p-Diethylbenzene	108		110		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1844088-3 WG1844088-4								
p-Ethyltoluene	110		111		70-130	1		30
1,2,4,5-Tetramethylbenzene	112		114		70-130	2		30
Ethyl ether	80		84		67-130	5		30
trans-1,4-Dichloro-2-butene	96		96		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		85		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	84		84		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01
Client ID: SB-309 (3-3.5)
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:15
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/24/23 04:49
Analyst: MG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/21/23 01:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	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	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	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	150	30.	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	150	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	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 466 MAIN ST **Lab Number:** L2362230

Project Number: 12587 **Report Date:** 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01 Date Collected: 10/19/23 14:15

Client ID: SB-309 (3-3.5) Date Received: 10/19/23

Sample Location: 466 MAIN ST 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01
Client ID: SB-309 (3-3.5)
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:15
Date Received: 10/19/23
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	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	162	J	ug/kg			1
Unknown	162	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	77		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/23 22:44
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 03:33

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	ND		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	0.52	J	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: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:30
Date Received: 10/19/23
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	6.1		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	6.6		ug/l	5.0	0.57	1
2-Methylphenol	2.7	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	2.7	J	ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	15.	J	ug/l	50	2.6	1
Benzyl Alcohol	1.1	J	ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:30
Date Received: 10/19/23
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	139	J	ug/l			1
Naphthalene, 1-methyl-	2.40	NJ	ug/l			1
Unknown	5.13	J	ug/l			1
Unknown Organic Acid	3.71	J	ug/l			1
Unknown	2.73	J	ug/l			1
Unknown	23.3	J	ug/l			1
Unknown	2.62	J	ug/l			1
Unknown Benzene	11.3	J	ug/l			1
Unknown	10.3	J	ug/l			1
Unknown	10.8	J	ug/l			1
Unknown Ketone	22.8	J	ug/l			1
Unknown	9.67	J	ug/l			1
Unknown	2.80	J	ug/l			1
Unknown	2.22	J	ug/l			1
Unknown	2.94	J	ug/l			1
Unknown	26.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	67		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/25/23 15:52
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.14		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	11		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	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.08	J	ug/l	0.10	0.01	1
Phenanthrene	0.25		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	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	3.0		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: 466 MAIN ST
Lab Number: L2362230
Project Number: 12587
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:30
Date Received: 10/19/23
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	53		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	65		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 11/12/23 13:07
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 10/31/23 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	640	102.	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	320	85.6	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	160	53.6	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	640	167.	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	160	47.2	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	160	28.0	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	160	32.0	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	160	38.4	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	160	69.6	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	640	216.	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	160	43.2	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	160	50.4	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	160	72.8	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	160	64.8	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	640	249.	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	160	49.6	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	160	87.2	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	160	69.6	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	160	36.8	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	160	43.2	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	160	86.4	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	160	73.6	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	160	60.0	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	160	42.4	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	640	89.6	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	640	101.	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	160	60.8	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	640	132.	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	640	132.	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	160	69.6	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	160	73.6	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	1600	376.	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	1600	196.	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	320	45.6	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	320	42.4	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	320	35.2	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	320	189.	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	800	264.	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	4000	936.	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	4000	631.	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	94		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	74		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	81		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78		20-150

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/20/23 10:27
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/20/23 02:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1842088-1					
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	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/20/23 10:27
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/20/23 02:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1842088-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
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	32.
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	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
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	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/20/23 10:27
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/20/23 02:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1842088-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	98		18-120

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/23/23 22:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 03:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1842942-1					
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: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/23/23 22:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 03:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1842942-1					
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: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/23/23 22:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 03:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1842942-1					
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	64.7	J	ug/l
Unknown	3.42	J	ug/l
Unknown	13.9	J	ug/l
Unknown	1.89	J	ug/l
Unknown	2.14	J	ug/l
Unknown Amide	14.4	J	ug/l
Unknown Organic Acid	5.56	J	ug/l
Unknown	5.09	J	ug/l
Unknown	13.4	J	ug/l
Unknown	3.38	J	ug/l
Unknown	1.49	J	ug/l

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/23/23 22:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 03:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1842942-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	68		41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/24/23 08:22
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 03:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG1842944-1					
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	0.07	J	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	0.02	J	ug/l	0.10	0.01
Phenanthrene	0.03	J	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	0.01	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/24/23 08:22
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 03:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG1842944-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	68		41-149

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 11/02/23 09:48
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/31/23 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1846240-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 11/02/23 09:48
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/31/23 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1846240-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 11/02/23 09:48
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/31/23 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1846240-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	105		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	117		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	123		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	121		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	94		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	50		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	98		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1842088-2 WG1842088-3								
Acenaphthene	67		112		31-137	50		50
1,2,4-Trichlorobenzene	66		104		38-107	45		50
Hexachlorobenzene	66		116		40-140	**55**	Q	50
Bis(2-chloroethyl)ether	66		103		40-140	44		50
2-Chloronaphthalene	71		116		40-140	48		50
1,2-Dichlorobenzene	65		100		40-140	42		50
1,3-Dichlorobenzene	64		99		40-140	43		50
1,4-Dichlorobenzene	65		100		28-104	42		50
3,3'-Dichlorobenzidine	62		107		40-140	**53**	Q	50
2,4-Dinitrotoluene	74		132		40-132	**56**	Q	50
2,6-Dinitrotoluene	73		127		40-140	**54**	Q	50
Fluoranthene	70		112		40-140	46		50
4-Chlorophenyl phenyl ether	70		118		40-140	**51**	Q	50
4-Bromophenyl phenyl ether	67		118		40-140	**55**	Q	50
Bis(2-chloroisopropyl)ether	66		103		40-140	44		50
Bis(2-chloroethoxy)methane	68		112		40-117	49		50
Hexachlorobutadiene	66		104		40-140	45		50
Hexachlorocyclopentadiene	58		96		40-140	49		50
Hexachloroethane	64		100		40-140	44		50
Isophorone	71		117		40-140	49		50
Naphthalene	68		109		40-140	46		50
Nitrobenzene	69		108		40-140	44		50
NDPA/DPA	73		124		36-157	**52**	Q	50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
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Lab Number: L2362230
Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1842088-2 WG1842088-3								
n-Nitrosodi-n-propylamine	73		116		32-121	46		50
Bis(2-ethylhexyl)phthalate	74		120		40-140	47		50
Butyl benzyl phthalate	72		114		40-140	45		50
Di-n-butylphthalate	76		128		40-140	**51**	Q	50
Di-n-octylphthalate	69		115		40-140	50		50
Diethyl phthalate	75		130		40-140	**54**	Q	50
Dimethyl phthalate	71		122		40-140	**53**	Q	50
Benzo(a)anthracene	74		120		40-140	47		50
Benzo(a)pyrene	80		130		40-140	48		50
Benzo(b)fluoranthene	74		115		40-140	43		50
Benzo(k)fluoranthene	71		122		40-140	**53**	Q	50
Chrysene	74		122		40-140	49		50
Acenaphthylene	70		117		40-140	50		50
Anthracene	72		119		40-140	49		50
Benzo(ghi)perylene	74		120		40-140	47		50
Fluorene	71		122		40-140	**53**	Q	50
Phenanthrene	70		114		40-140	48		50
Dibenzo(a,h)anthracene	75		121		40-140	47		50
Indeno(1,2,3-cd)pyrene	74		121		40-140	48		50
Pyrene	68		111		35-142	48		50
Biphenyl	72		118		37-127	48		50
4-Chloroaniline	57		94		40-140	49		50
2-Nitroaniline	72		125		47-134	**54**	Q	50

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1842088-2 WG1842088-3								
3-Nitroaniline	60		106		26-129	**55**	Q	50
4-Nitroaniline	70		110		41-125	44		50
Dibenzofuran	72		122		40-140	**52**	Q	50
2-Methylnaphthalene	68		115		40-140	**51**	Q	50
1,2,4,5-Tetrachlorobenzene	67		111		40-117	49		50
Acetophenone	76		120		14-144	45		50
2,4,6-Trichlorophenol	73		123		30-130	**51**	Q	50
p-Chloro-m-cresol	76		**128**	Q	26-103	**51**	Q	50
2-Chlorophenol	72		**112**	Q	25-102	43		50
2,4-Dichlorophenol	72		118		30-130	48		50
2,4-Dimethylphenol	72		121		30-130	**51**	Q	50
2-Nitrophenol	74		121		30-130	48		50
4-Nitrophenol	69		**116**	Q	11-114	**51**	Q	50
2,4-Dinitrophenol	62		107		4-130	**53**	Q	50
4,6-Dinitro-o-cresol	71		122		10-130	**53**	Q	50
Pentachlorophenol	68		**128**	Q	17-109	**61**	Q	50
Phenol	76		**121**	Q	26-90	46		50
2-Methylphenol	73		113		30-130.	43		50
3-Methylphenol/4-Methylphenol	73		116		30-130	46		50
2,4,5-Trichlorophenol	72		124		30-130	**53**	Q	50
Benzoic Acid	48		80		10-110	50		50
Benzyl Alcohol	74		117		40-140	45		50
Carbazole	75		121		54-128	47		50

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1842088-2 WG1842088-3								
1,4-Dioxane	48		73		40-140	41		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		106		25-120
Phenol-d6	72		113		10-120
Nitrobenzene-d5	69		110		23-120
2-Fluorobiphenyl	65		108		30-120
2,4,6-Tribromophenol	64		116		10-136
4-Terphenyl-d14	63		111		18-120

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1842942-2 WG1842942-3								
Acenaphthene	58		62		37-111	7		30
1,2,4-Trichlorobenzene	62		70		39-98	12		30
Hexachlorobenzene	66		68		40-140	3		30
Bis(2-chloroethyl)ether	61		66		40-140	8		30
2-Chloronaphthalene	66		73		40-140	10		30
1,2-Dichlorobenzene	63		67		40-140	6		30
1,3-Dichlorobenzene	64		70		40-140	9		30
1,4-Dichlorobenzene	64		68		36-97	6		30
3,3'-Dichlorobenzidine	66		62		40-140	6		30
2,4-Dinitrotoluene	63		66		48-143	5		30
2,6-Dinitrotoluene	67		78		40-140	15		30
Fluoranthene	67		70		40-140	4		30
4-Chlorophenyl phenyl ether	60		66		40-140	10		30
4-Bromophenyl phenyl ether	67		70		40-140	4		30
Bis(2-chloroisopropyl)ether	63		67		40-140	6		30
Bis(2-chloroethoxy)methane	62		70		40-140	12		30
Hexachlorobutadiene	63		78		40-140	21		30
Hexachlorocyclopentadiene	58		69		40-140	17		30
Hexachloroethane	63		74		40-140	16		30
Isophorone	61		67		40-140	9		30
Naphthalene	64		71		40-140	10		30
Nitrobenzene	66		67		40-140	2		30
NDPA/DPA	63		67		40-140	6		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1842942-2 WG1842942-3								
n-Nitrosodi-n-propylamine	64		69		29-132	8		30
Bis(2-ethylhexyl)phthalate	88		88		40-140	0		30
Butyl benzyl phthalate	77		80		40-140	4		30
Di-n-butylphthalate	72		79		40-140	9		30
Di-n-octylphthalate	83		84		40-140	1		30
Diethyl phthalate	66		70		40-140	6		30
Dimethyl phthalate	67		73		40-140	9		30
Benzo(a)anthracene	74		75		40-140	1		30
Benzo(a)pyrene	79		83		40-140	5		30
Benzo(b)fluoranthene	73		74		40-140	1		30
Benzo(k)fluoranthene	74		77		40-140	4		30
Chrysene	73		74		40-140	1		30
Acenaphthylene	68		74		45-123	8		30
Anthracene	69		74		40-140	7		30
Benzo(ghi)perylene	67		70		40-140	4		30
Fluorene	64		68		40-140	6		30
Phenanthrene	65		71		40-140	9		30
Dibenzo(a,h)anthracene	67		70		40-140	4		30
Indeno(1,2,3-cd)pyrene	69		70		40-140	1		30
Pyrene	70		72		26-127	3		30
Biphenyl	69		73		40-140	6		30
4-Chloroaniline	47		56		40-140	17		30
2-Nitroaniline	64		70		52-143	9		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1842942-2 WG1842942-3								
3-Nitroaniline	57		58		25-145	2		30
4-Nitroaniline	61		62		51-143	2		30
Dibenzofuran	64		67		40-140	5		30
2-Methylnaphthalene	66		73		40-140	10		30
1,2,4,5-Tetrachlorobenzene	68		73		2-134	7		30
Acetophenone	67		69		39-129	3		30
2,4,6-Trichlorophenol	72		81		30-130	12		30
p-Chloro-m-cresol	72		76		23-97	5		30
2-Chlorophenol	67		69		27-123	3		30
2,4-Dichlorophenol	74		81		30-130	9		30
2,4-Dimethylphenol	71		70		30-130	1		30
2-Nitrophenol	64		70		30-130	9		30
4-Nitrophenol	58		58		10-80	0		30
2,4-Dinitrophenol	86		96		20-130	11		30
4,6-Dinitro-o-cresol	56		62		20-164	10		30
Pentachlorophenol	79		88		9-103	11		30
Phenol	45		48		12-110	6		30
2-Methylphenol	63		68		30-130	8		30
3-Methylphenol/4-Methylphenol	63		67		30-130	6		30
2,4,5-Trichlorophenol	76		80		30-130	5		30
Benzoic Acid	59		69		10-164	16		30
Benzyl Alcohol	59		62		26-116	5		30
Carbazole	72		73		55-144	1		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1842942-2 WG1842942-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		55		21-120
Phenol-d6	49		46		10-120
Nitrobenzene-d5	66		68		23-120
2-Fluorobiphenyl	66		64		15-120
2,4,6-Tribromophenol	75		75		10-120
4-Terphenyl-d14	71		66		41-149

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02 Batch: WG1842944-2 WG1842944-3								
Acenaphthene	66		74		40-140	11		40
2-Chloronaphthalene	62		69		40-140	11		40
Fluoranthene	69		75		40-140	8		40
Hexachlorobutadiene	53		61		40-140	14		40
Naphthalene	67		75		40-140	11		40
Benzo(a)anthracene	78		85		40-140	9		40
Benzo(a)pyrene	83		89		40-140	7		40
Benzo(b)fluoranthene	81		84		40-140	4		40
Benzo(k)fluoranthene	81		88		40-140	8		40
Chrysene	74		80		40-140	8		40
Acenaphthylene	70		78		40-140	11		40
Anthracene	74		80		40-140	8		40
Benzo(ghi)perylene	81		86		40-140	6		40
Fluorene	68		75		40-140	10		40
Phenanthrene	68		74		40-140	8		40
Dibenzo(a,h)anthracene	79		84		40-140	6		40
Indeno(1,2,3-cd)pyrene	81		85		40-140	5		40
Pyrene	66		72		40-140	9		40
2-Methylnaphthalene	68		76		40-140	11		40
Pentachlorophenol	74		88		40-140	17		40
Hexachlorobenzene	63		69		40-140	9		40
Hexachloroethane	83		96		40-140	15		40

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02 Batch: WG1842944-2 WG1842944-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		77		21-120
Phenol-d6	65		70		10-120
Nitrobenzene-d5	113		117		23-120
2-Fluorobiphenyl	65		66		15-120
2,4,6-Tribromophenol	89		89		10-120
4-Terphenyl-d14	65		65		41-149

Lab Control Sample Analysis
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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1846240-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	119		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	114		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	126		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	124		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	124		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	124		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	93		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	117		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	117		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	120		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	118		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	122		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	112		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	131		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	111		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	114		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	114		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	118		-		40-150	-		30

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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1846240-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	105		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	110		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	126		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	146		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	97		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	132		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	139		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	91		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	108		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	115		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	127		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	113		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	138		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	131		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	72		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	106		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	100		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	72		-		40-150	-		30

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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1846240-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	107				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	119				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	99				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	82				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	98				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1846240-3								
Perfluorobutanoic Acid (PFBA)	116		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	124		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	117		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	115		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	125		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	89		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	117		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	114		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	113		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	115		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	119		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	122		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	113		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	111		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	122		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	118		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	121		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1846240-3								
Perfluorotridecanoic Acid (PFTrDA)	118		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	121		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	118		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	136		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	101		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	130		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	127		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	120		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	120		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	118		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	116		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	118		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	131		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	121		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	83		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	105		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	106		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	82		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1846240-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	105				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	117				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	99				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	93				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	76				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	114				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100				20-150

PCBS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01
Client ID: SB-309 (3-3.5)
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:15
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/21/23 14:40
Analyst: ER
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/20/23 23:46
Cleanup Method: EPA 3665A
Cleanup Date: 10/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.4	4.83	1	A
Aroclor 1221	ND		ug/kg	54.4	5.45	1	A
Aroclor 1232	ND		ug/kg	54.4	11.5	1	A
Aroclor 1242	ND		ug/kg	54.4	7.33	1	A
Aroclor 1248	ND		ug/kg	54.4	8.15	1	A
Aroclor 1254	ND		ug/kg	54.4	5.95	1	A
Aroclor 1260	ND		ug/kg	54.4	10.0	1	A
Aroclor 1262	ND		ug/kg	54.4	6.90	1	A
Aroclor 1268	ND		ug/kg	54.4	5.63	1	A
PCBs, Total	ND		ug/kg	54.4	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/24/23 12:19
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 17:15
Cleanup Method: EPA 3665A
Cleanup Date: 10/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/24/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/21/23 12:56
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 10/20/23 23:46
Cleanup Method: EPA 3665A
Cleanup Date: 10/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1842535-1						
Aroclor 1016	ND		ug/kg	46.7	4.14	A
Aroclor 1221	ND		ug/kg	46.7	4.68	A
Aroclor 1232	ND		ug/kg	46.7	9.90	A
Aroclor 1242	ND		ug/kg	46.7	6.29	A
Aroclor 1248	ND		ug/kg	46.7	7.00	A
Aroclor 1254	ND		ug/kg	46.7	5.11	A
Aroclor 1260	ND		ug/kg	46.7	8.63	A
Aroclor 1262	ND		ug/kg	46.7	5.93	A
Aroclor 1268	ND		ug/kg	46.7	4.84	A
PCBs, Total	ND		ug/kg	46.7	4.14	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/23/23 08:54
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 19:03
Cleanup Method: EPA 3665A
Cleanup Date: 10/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1842912-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1842535-2 WG1842535-3									
Aroclor 1016	95		89		40-140	7		50	A
Aroclor 1260	90		85		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		84		30-150	A
Decachlorobiphenyl	86		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		90		30-150	B
Decachlorobiphenyl	94		88		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1842912-2 WG1842912-3									
Aroclor 1016	71		72		40-140	2		50	A
Aroclor 1260	72		73		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		71		30-150	A
Decachlorobiphenyl	80		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		72		30-150	B
Decachlorobiphenyl	86		83		30-150	B

PESTICIDES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01
Client ID: SB-309 (3-3.5)
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:15
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/21/23 17:14
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/21/23 00:35
Cleanup Method: EPA 3620B
Cleanup Date: 10/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.324	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.869	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.978	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.543	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	ND		ug/kg	2.17	0.606	1	A
trans-Chlordane	ND		ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: 466 MAIN ST
Lab Number: L2362230
Project Number: 12587
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01
Client ID: SB-309 (3-3.5)
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:15
Date Received: 10/19/23
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	106		30-150	A
Decachlorobiphenyl	121		30-150	A
2,4,5,6-Tetrachloro-m-xylene	121		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/24/23 10:11
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 17:11

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	A
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: 466 MAIN ST
Lab Number: L2362230
Project Number: 12587
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/21/23 14:45
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 10/20/23 14:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1842423-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.597	A
Heptachlor	ND		ug/kg	0.787	0.353	A
Aldrin	ND		ug/kg	1.57	0.554	A
Heptachlor epoxide	ND		ug/kg	2.95	0.885	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.688	A
Endrin ketone	ND		ug/kg	1.57	0.405	A
Dieldrin	ND		ug/kg	0.984	0.492	A
4,4'-DDE	ND		ug/kg	1.57	0.364	A
4,4'-DDD	ND		ug/kg	1.57	0.561	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.372	A
Endosulfan II	ND		ug/kg	1.57	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.918	A
Toxaphene	ND		ug/kg	29.5	8.26	A
cis-Chlordane	ND		ug/kg	1.97	0.548	A
trans-Chlordane	ND		ug/kg	1.97	0.519	A
Chlordane	ND		ug/kg	13.1	5.21	A

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/21/23 14:45
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 10/20/23 14:11
Cleanup Method: EPA 3620B
Cleanup Date: 10/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1842423-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/23/23 19:08
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 19:03

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG1842915-1						
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		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
4,4'-DDT	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		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/23/23 19:08
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/22/23 19:03

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG1842915-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1842423-2 WG1842423-3									
Delta-BHC	99		86		30-150	14		30	A
Lindane	92		81		30-150	13		30	A
Alpha-BHC	94		83		30-150	12		30	A
Beta-BHC	100		90		30-150	11		30	A
Heptachlor	95		84		30-150	12		30	A
Aldrin	92		81		30-150	13		30	A
Heptachlor epoxide	89		78		30-150	13		30	A
Endrin	94		82		30-150	14		30	A
Endrin aldehyde	80		69		30-150	15		30	A
Endrin ketone	113		96		30-150	16		30	A
Dieldrin	107		92		30-150	15		30	A
4,4'-DDE	98		86		30-150	13		30	A
4,4'-DDD	104		89		30-150	16		30	A
4,4'-DDT	108		92		30-150	16		30	A
Endosulfan I	94		81		30-150	15		30	A
Endosulfan II	97		83		30-150	16		30	A
Endosulfan sulfate	94		81		30-150	15		30	A
Methoxychlor	129		112		30-150	14		30	A
cis-Chlordane	90		78		30-150	14		30	A
trans-Chlordane	102		90		30-150	13		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1842423-2 WG1842423-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		73		30-150	A
Decachlorobiphenyl	101		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		87		30-150	B
Decachlorobiphenyl	87		72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1842915-2 WG1842915-3									
Delta-BHC	58		68		30-150	16		20	A
Lindane	60		63		30-150	5		20	A
Alpha-BHC	60		64		30-150	5		20	A
Beta-BHC	62		68		30-150	9		20	A
Heptachlor	58		61		30-150	5		20	A
Aldrin	54		58		30-150	8		20	A
Heptachlor epoxide	56		61		30-150	8		20	A
Endrin	57		61		30-150	7		20	A
Endrin aldehyde	43		51		30-150	17		20	A
Endrin ketone	55		51		30-150	6		20	A
Dieldrin	61		65		30-150	7		20	A
4,4'-DDE	55		59		30-150	7		20	A
4,4'-DDD	60		64		30-150	8		20	A
4,4'-DDT	58		62		30-150	7		20	A
Endosulfan I	56		60		30-150	7		20	A
Endosulfan II	54		60		30-150	11		20	A
Endosulfan sulfate	50		61		30-150	20		20	A
Methoxychlor	59		66		30-150	11		20	A
cis-Chlordane	51		53		30-150	5		20	A
trans-Chlordane	60		66		30-150	8		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1842915-2 WG1842915-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		61		30-150	A
Decachlorobiphenyl	61		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		59		30-150	B
Decachlorobiphenyl	69		79		30-150	B

METALS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01
Client ID: SB-309 (3-3.5)
Sample Location: 466 MAIN ST
Date Collected: 10/19/23 14:15
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	15900		mg/kg	8.70	2.35	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.35	0.331	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.94		mg/kg	0.870	0.181	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Barium, Total	111		mg/kg	0.870	0.151	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.536		mg/kg	0.435	0.029	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.870	0.085	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Calcium, Total	910		mg/kg	8.70	3.04	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Chromium, Total	27.4		mg/kg	0.870	0.084	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.91		mg/kg	1.74	0.144	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Copper, Total	24.3		mg/kg	0.870	0.224	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Iron, Total	19500		mg/kg	4.35	0.786	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Lead, Total	15.7		mg/kg	4.35	0.233	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	4320		mg/kg	8.70	1.34	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Manganese, Total	513		mg/kg	0.870	0.138	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	10/23/23 21:02	10/24/23 09:39	EPA 7471B	1,7471B	GMG
Nickel, Total	19.6		mg/kg	2.18	0.210	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Potassium, Total	5420		mg/kg	218	12.5	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.74	0.224	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.435	0.246	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Sodium, Total	143	J	mg/kg	174	2.74	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Thallium, Total	4.00		mg/kg	1.74	0.274	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	34.0		mg/kg	0.870	0.177	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF
Zinc, Total	41.8		mg/kg	4.35	0.255	2	10/23/23 20:40	10/24/23 09:40	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST
Sample Depth:
Matrix: Water

Date Collected: 10/19/23 14:30
Date Received: 10/19/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	91.3		mg/l	0.0200	0.00654	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00800	0.00085	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00636		mg/l	0.00100	0.00033	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Barium, Total	3.929		mg/l	0.00100	0.00034	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Beryllium, Total	0.00546		mg/l	0.00100	0.00021	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00266		mg/l	0.00040	0.00011	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Calcium, Total	309.		mg/l	0.200	0.0788	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Chromium, Total	0.6170		mg/l	0.00200	0.00035	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.3606		mg/l	0.00500	0.00163	5	10/24/23 01:20	10/25/23 08:54	EPA 3005A	1,6020B	SMV
Copper, Total	0.4142		mg/l	0.00200	0.00076	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Iron, Total	223.		mg/l	0.100	0.0382	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Lead, Total	0.1499		mg/l	0.00200	0.00068	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Magnesium, Total	125.		mg/l	0.140	0.0484	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Manganese, Total	26.73		mg/l	0.01000	0.00440	5	10/24/23 01:20	10/25/23 08:54	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00100	0.00045	1	10/24/23 02:30	10/25/23 18:18	EPA 7470A	1,7470A	GMG
Nickel, Total	1.025		mg/l	0.00400	0.00111	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Potassium, Total	50.7		mg/l	0.200	0.0618	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Selenium, Total	0.136		mg/l	0.0100	0.00346	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Silver, Total	0.00059	J	mg/l	0.00080	0.00032	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Sodium, Total	182.		mg/l	0.200	0.0586	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Thallium, Total	0.00250		mg/l	0.00200	0.00028	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.3851		mg/l	0.05000	0.01570	5	10/24/23 01:20	10/25/23 08:54	EPA 3005A	1,6020B	SMV
Zinc, Total	0.4761		mg/l	0.02000	0.00682	1	10/24/23 01:20	10/25/23 08:36	EPA 3005A	1,6020B	SMV

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

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): 02 Batch: WG1842365-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/24/23 01:20	10/25/23 07:49	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1842367-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/24/23 02:30	10/25/23 17:44	1,7470A	GMG

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

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 Batch: WG1843098-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Iron, Total	1.40	J	mg/kg	2.00	0.361	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/23/23 20:40	10/24/23 07:56	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1843101-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/23/23 21:02	10/24/23 08:14	1,7471B	GMG

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1842365-2								
Aluminum, Total	82		-		80-120	-		
Antimony, Total	88		-		80-120	-		
Arsenic, Total	94		-		80-120	-		
Barium, Total	95		-		80-120	-		
Beryllium, Total	94		-		80-120	-		
Cadmium, Total	92		-		80-120	-		
Calcium, Total	92		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	94		-		80-120	-		
Iron, Total	104		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	98		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	84		-		80-120	-		
Silver, Total	94		-		80-120	-		
Sodium, Total	95		-		80-120	-		
Thallium, Total	96		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1842365-2					
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1842367-2					
Mercury, Total	93	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1843098-2 SRM Lot Number: D119-540					
Aluminum, Total	81	-	48-152	-	
Antimony, Total	166	-	10-190	-	
Arsenic, Total	104	-	83-117	-	
Barium, Total	101	-	82-118	-	
Beryllium, Total	102	-	83-117	-	
Cadmium, Total	96	-	82-117	-	
Calcium, Total	95	-	81-118	-	
Chromium, Total	102	-	82-119	-	
Cobalt, Total	100	-	83-117	-	
Copper, Total	95	-	84-116	-	
Iron, Total	108	-	60-140	-	
Lead, Total	103	-	82-118	-	
Magnesium, Total	93	-	76-124	-	
Manganese, Total	99	-	82-118	-	
Nickel, Total	98	-	82-117	-	
Potassium, Total	94	-	70-130	-	
Selenium, Total	104	-	79-121	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	98	-	74-126	-	
Thallium, Total	105	-	81-119	-	
Vanadium, Total	98	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1843098-2 SRM Lot Number: D119-540					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1843101-2 SRM Lot Number: D119-540					
Mercury, Total	90	-	73-127	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

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): 02 QC Batch ID: WG1842365-3 WG1842365-4 QC Sample: L2362306-02 Client ID: MS Sample												
Aluminum, Total	0.0159	2	1.71	85		1.82	90		75-125	6		20
Antimony, Total	ND	0.5	0.4467	89		0.4522	90		75-125	1		20
Arsenic, Total	0.00947	0.12	0.1134	87		0.1181	90		75-125	4		20
Barium, Total	0.06730	2	1.814	87		1.896	91		75-125	4		20
Beryllium, Total	ND	0.05	0.04518	90		0.04735	95		75-125	5		20
Cadmium, Total	ND	0.053	0.05020	95		0.04896	92		75-125	3		20
Calcium, Total	27.0	10	35.8	88		36.0	90		75-125	1		20
Chromium, Total	0.00025J	0.2	0.1844	92		0.1851	92		75-125	0		20
Cobalt, Total	ND	0.5	0.4466	89		0.4689	94		75-125	5		20
Copper, Total	0.00064J	0.25	0.2269	91		0.2390	96		75-125	5		20
Iron, Total	0.845	1	1.82	98		1.83	98		75-125	1		20
Lead, Total	ND	0.53	0.4932	93		0.4845	91		75-125	2		20
Magnesium, Total	5.54	10	15.2	97		15.3	98		75-125	1		20
Manganese, Total	1.613	0.5	2.123	102		2.164	110		75-125	2		20
Nickel, Total	0.00068J	0.5	0.4633	93		0.4862	97		75-125	5		20
Potassium, Total	2.33	10	12.5	102		12.0	97		75-125	4		20
Selenium, Total	ND	0.12	0.0903	75		0.0998	83		75-125	10		20
Silver, Total	ND	0.05	0.04505	90		0.04503	90		75-125	0		20
Sodium, Total	66.1	10	92.2	**261**	Q	92.3	**262**	Q	75-125	0		20
Thallium, Total	ND	0.12	0.1104	92		0.1102	92		75-125	0		20
Vanadium, Total	ND	0.5	0.4535	91		0.4665	93		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

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): 02	QC Batch ID: WG1842365-3				WG1842365-4		QC Sample: L2362306-02		Client ID: MS Sample
Zinc, Total	ND	0.5	0.4388	88	0.4584	92	75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 02	QC Batch ID: WG1842367-3				WG1842367-4		QC Sample: L2362306-02		Client ID: MS Sample
Mercury, Total	ND	0.005	0.00431	86	0.00459	92	75-125	6	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843098-3 QC Sample: L2361897-01 Client ID: MS Sample										
Aluminum, Total	5450	258	5580	**50**	Q	-	-	75-125	-	20
Antimony, Total	1.06J	64.4	79.9	124		-	-	75-125	-	20
Arsenic, Total	6.69	15.5	27.1	**132**	Q	-	-	75-125	-	20
Barium, Total	67.2	258	348	109		-	-	75-125	-	20
Beryllium, Total	0.282J	6.44	7.39	115		-	-	75-125	-	20
Cadmium, Total	2.07	6.83	9.14	103		-	-	75-125	-	20
Calcium, Total	291000	1290	275000	**0**	Q	-	-	75-125	-	20
Chromium, Total	21.7	25.8	47.7	101		-	-	75-125	-	20
Cobalt, Total	2.53J	64.4	64.3	100		-	-	75-125	-	20
Copper, Total	33.0	32.2	65.3	100		-	-	75-125	-	20
Iron, Total	15700	129	14800	**0**	Q	-	-	75-125	-	20
Lead, Total	254	68.3	554	**439**	Q	-	-	75-125	-	20
Magnesium, Total	4420	1290	5250	**64**	Q	-	-	75-125	-	20
Manganese, Total	172	64.4	220	**74**	Q	-	-	75-125	-	20
Nickel, Total	10.3	64.4	67.6	89		-	-	75-125	-	20
Potassium, Total	636	1290	2260	**126**	Q	-	-	75-125	-	20
Selenium, Total	0.786J	15.5	21.3	**138**	Q	-	-	75-125	-	20
Silver, Total	ND	6.44	8.18	**127**	Q	-	-	75-125	-	20
Sodium, Total	368	1290	1860	116		-	-	75-125	-	20
Thallium, Total	ND	15.5	15.6	101		-	-	75-125	-	20
Vanadium, Total	8.24	64.4	74.7	103		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843098-3 QC Sample: L2361897-01 Client ID: MS Sample												
Zinc, Total	194	64.4	237	**67**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843101-3 WG1843101-4 QC Sample: L2359312-09 Client ID: MS Sample												
Mercury, Total	5.07	1.76	6.53	83		25.0	**1150**	Q	80-120	**117**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843098-4 QC Sample: L2361897-01 Client ID: DUP Sample						
Aluminum, Total	5450	5200	mg/kg	5		20
Antimony, Total	1.06J	1.42J	mg/kg	NC		20
Arsenic, Total	6.69	6.49	mg/kg	3		20
Barium, Total	67.2	60.9	mg/kg	10		20
Beryllium, Total	0.282J	0.269J	mg/kg	NC		20
Cadmium, Total	2.07	1.79	mg/kg	15		20
Chromium, Total	21.7	19.6	mg/kg	10		20
Cobalt, Total	2.53J	2.58	mg/kg	NC		20
Copper, Total	33.0	32.9	mg/kg	0		20
Iron, Total	15700	16000	mg/kg	2		20
Lead, Total	254	205	mg/kg	**21**	Q	20
Magnesium, Total	4420	4450	mg/kg	1		20
Manganese, Total	172	166	mg/kg	4		20
Nickel, Total	10.3	11.0	mg/kg	7		20
Potassium, Total	636	647	mg/kg	2		20
Selenium, Total	0.786J	0.827J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	368	363	mg/kg	1		20
Thallium, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843098-4 QC Sample: L2361897-01 Client ID: DUP Sample					
Vanadium, Total	8.24	8.14	mg/kg	1	20
Zinc, Total	194	185	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843098-4 QC Sample: L2361897-01 Client ID: DUP Sample					
Calcium, Total	291000	289000	mg/kg	1	20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2362230
Report Date: 11/15/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1842365-6 QC Sample: L2362306-02 Client ID: DUP Sample						
Barium, Total	0.06730	0.06718	mg/l	0		20
Calcium, Total	27.0	28.5	mg/l	6		20
Magnesium, Total	5.54	5.66	mg/l	2		20
Manganese, Total	1.613	1.682	mg/l	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-01
Client ID: SB-309 (3-3.5)
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:15
Date Received: 10/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	10/20/23 12:43	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/24/23 08:50	10/26/23 12:47	1,9010C/9012B	JER

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

SAMPLE RESULTS

Lab ID: L2362230-02
Client ID: TW-302
Sample Location: 466 MAIN ST

Date Collected: 10/19/23 14:30
Date Received: 10/19/23
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	0.003	J	mg/l	0.005	0.001	1	10/24/23 18:40	10/25/23 18:42	1,9010C/9012B	JER

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1843468-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	10/24/23 08:50	10/26/23 12:31	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG1843716-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/24/23 18:40	10/25/23 18:19	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1843468-2 WG1843468-3								
Cyanide, Total	80		**73**	Q	80-120	11		35
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1843716-2 WG1843716-3								
Cyanide, Total	102		98		85-115	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1843468-4 WG1843468-5 QC Sample: L2361544-03 Client ID: MS Sample												
Cyanide, Total	ND	13	13	100		12	100		75-125	8		35
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1843716-4 WG1843716-5 QC Sample: L2361249-01 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.211	106		0.211	106		80-120	0		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1842163-1 QC Sample: L2362259-01 Client ID: DUP Sample						
Solids, Total	92.2	92.4	%	0		20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

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(*)
L2362230-01A	5 gram Encore Sampler	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2362230-01B	5 gram Encore Sampler	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2362230-01C	5 gram Encore Sampler	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2362230-01D	Plastic 2oz unpreserved for TS	A	NA		2.0	Y	Absent		TS(7)
L2362230-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2362230-01F	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2362230-01X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2362230-01Y	Vial Water preserved split	A	NA		2.0	Y	Absent	20-OCT-23 12:19	NYTCL-8260HLW(14)
L2362230-01Z	Vial Water preserved split	A	NA		2.0	Y	Absent	20-OCT-23 12:19	NYTCL-8260HLW(14)
L2362230-02A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2362230-02B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2362230-02C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2362230-02D	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8082-LVI(365)
L2362230-02E	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8082-LVI(365)
L2362230-02F	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8081(7)
L2362230-02G	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8081(7)
L2362230-02H	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2362230-02I	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2362230-02J	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		HOLD-1,4DIOX(7)
L2362230-02K	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		HOLD-1,4DIOX(7)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2362230-02L	Plastic 250ml NaOH preserved	A	>12	>12	2.0	Y	Absent		TCN-9010(14)
L2362230-02M	Plastic 250ml HNO3 preserved	A	<2	<2	2.0	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2362230-02N	Plastic 500ml unpreserved	A	NA		2.0	Y	Absent		A2-1633-DRAFT(28)
L2362230-02O	Plastic 500ml unpreserved	A	NA		2.0	Y	Absent		A2-1633-DRAFT(28)
L2362230-02P	Plastic 500ml unpreserved	A	NA		2.0	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

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/PFTeDA	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/PFDoS	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
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
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/PFOSA	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
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362230
Report Date: 11/15/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	466 MAIN ST	**Lab Number:**	L2362230
Project Number:	12587	**Report Date:**	11/15/23

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.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2362230
Project Number:	12587	**Report Date:**	11/15/23

Footnotes

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	466 MAIN ST	**Lab Number:**	L2362230
Project Number:	12587	**Report Date:**	11/15/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	466 MAIN ST	**Lab Number:**	L2362230
Project Number:	12587	**Report Date:**	11/15/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

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, EPA 537.1.

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
FAX: 508-898-9193

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320 Forbes Blvd
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FAX: 508-822-3288

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

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Date Rec'd in Lab: 10/20/23

ALPHA Job #: L2362230

Client Information
Client: BESI
Address: 959 RT 46, Fl3, 300 Parsippany, NJ
Phone: 973 808 9050
Fax:
Email: chris.mahuchin@besi.com

Project Information
Project Name: 466 Main St
Project Location: 466 Main St New Rochelle
Project #
(Use Project name as Project #) ☐
Project Manager: James Vander Vliet
ALPHAQuote #:

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

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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 1,4 Dioxane / TAL	PFAS	1,4 Dioxane	Sample Specific Comments	Total Bottle
62230-01	SB-309(3-3.5)	10/19/23	1415	S	ZR	X				6
-02	TW-302	10/19/23	1430	GW		X	X	X	1,4 Dioxane on hold	16

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								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
Ronnel Fernando	10/19/23 1600		10/19/23 1600
	10/19/23		
	10/19/23		10/19/23 18:45
			10/19 22:00
	10/20 0850		10/20/23 0850

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)