SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

959 Route 46E, Fl 3, Ste 300
Parsippany, NJ 07054
973.808.9050
www.sesi.org

Phase II Environmental Site Assessment Report

For:

Proposed Mixed-Use Development

466 Main Street

Block 215, Lot 32

New Rochelle, Westchester County, NY

Prepared for:

BRP 466 Main Street, LLC

SESI Contact:
Jim Vander Vliet
James.vandervliet@sesi.org

SESI Project No:
12587

Date:
June 2025

TABLE OF CONTENTS

LIST OF ACRONYMS ..... **I**
1.0 INTRODUCTION **1**
1.1 SITE SETTING 1
1.2 PROPOSED DEVELOPMENT 1
1.3 SITE GEOLOGY 1
1.4 PREVIOUS INVESTIGATIONS 2
2.0 SUBSURFACE INVESTIGATION **4**
2.1 UTILITY CLEARANCE AND GEOPHYSICAL SURVEY 4
2.2 SOIL INVESTIGATION 4
2.2.1 SOIL ANALYTICAL RESULTS 5
2.3 GROUNDWATER INVESTIGATION 9
2.3.1 GROUNDWATER ANALYTICAL RESULTS 10
2.4 SOIL VAPOR INVESTIGATION 11
2.4.1 SOIL VAPOR ANALYTICAL RESULTS 11
3.0 CONCLUSIONS AND RECOMMENDATIONS **14**

TABLES

TABLE 2.1 SOIL BORING SUMMARY TABLE (EMBEDDED)
TABLE 2.2 SUMMARY OF SOIL ANALYTICAL RESULTS
TABLE 2.3 SUMMARY OF SOIL EXCEEDANCES (EMBEDDED)
TABLE 2.4 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
TABLE 2.5 SUMMARY OF GROUNDWATER EXCEEDANCES (EMBEDDED)
TABLE 2.6 SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
TABLE 2.7 SUMMARY OF SOIL VAPOR DETECTIONS (EMBEDDED)

FIGURES

FIGURE 1.1 SITE LOCATION MAP
FIGURE 1.2 SITE PLAN
FIGURE 2.1 BORING LOCATION PLAN
FIGURE 2.2 SOIL SAMPLE RESULTS PLAN
FIGURE 2.3 GROUNDWATER SAMPLE RESULTS PLAN
FIGURE 2.4 SOIL VAPOR SAMPLE RESULTS PLAN

APPENDICES

APPENDIX A GPR REPORT

APPENDIX B BORING LOGS

APPENDIX C LABORATORY ANALYTICAL REPORTS

LIST OF ACRONYMS

Acronym	Definition
ACM	Asbestos Containing Material
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
LBP	Lead-based Paint
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
PFOS	Perfluorooctanesulfonic Acid
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

Acronym	Definition
TOGS	Technical and Operational Guidance Series 1.1.1
USCO	Unrestricted Use Soil Cleanup Objective
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1.0 INTRODUCTION

SESI Consulting Engineers (SESI), on behalf of the Requestor BRP 466 Main Street, LLC, has completed our Phase II Investigation for the referenced Site located at 466 Main Street in New Rochelle, Westchester County, New York. 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 0.708-acre parcel located at 466 Main Street in New Rochelle, Westchester County, New York (Site). The Site will be identified on local tax map records as Block 215, Lot 32. The property is currently developed with a commercial space, asphalt parking lot and vegetated areas. The Site is bound to the north by Main Street (US Highway 1), to the west by North Avenue, to the south by a parking lot, and to the east by Locust Avenue and apartment buildings. The nearest surface water body is the Long Island Sound located approximately 0.4 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, the Site was noted as containing a laundry (circa 1887), a plumber shop (circa 1903), the New Rochelle Theatre (circa 1903-1911), a repair shop (circa 1911) and a hardware and paints shop (circa 1911). Additional uses have included a department store, retail, department of public works, and auto parking.

1.2 PROPOSED DEVELOPMENT

The proposed Site redevelopment is anticipated to consist of a mixed-use commercial and residential building. Formal Site Plans are anticipated to be developed during the design phase of the project.

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 Site is

approximately 8 to 15 feet below ground surface (ft-bgs), and groundwater flow direction is expected to be in the southeast direction toward 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, 466 Main Street, New Rochelle, NY", prepared by SESI Consulting Engineers. (SESI), dated July 2024.
- "Phase I Environmental Site Assessment, 466 Main Street, New Rochelle, NY", prepared by SESI Consulting Engineers. (SESI), dated April 2025.

The Phase I ESAs prepared by SESI identified the following Recognized Environmental Conditions (RECs) and Business Environmental Risks (BERs) for the subject property:

- **REC 1 – Former Subject Property Operations:** The Sanborn fire insurance maps indicated a laundry (circa 1887) at the southwest; a plumber shop (circa 1903), repair shop (circa 1911) and a hardware and paints shop (circa 1911) at the northeast; and the New Rochelle Theatre (circa 1903-1911) at the northwest on the subject property. **These historic operations may have adversely impacted the subject property due to the potential use of petroleum products and chlorinated solvents. These operations may be the source of the recently identified contamination in soil, groundwater and soil vapor on the subject property during SESI's Phase II investigation. Remediation or mitigation of the identified contamination may be required as part of the planned redevelopment of the subject property.**

- **BER 1 – Off-Site Contamination:** A review of the EDR Databases for Engineering Controls/Institutional Controls, Brownfields, PFAS Contaminated Site Location Listing and/or Hist Cleaner Sites identified three (3) BCP facilities (Nos. C360176, C360199 and C360078). within approximately 500 feet from the subject property. **However, investigations and remediations have been completed at these facilities. Therefore, no further investigation is warranted.**

- **BER 2 – Chemical Storage Containers:** Chemicals were identified in the basement utility room and on the roof. Specifically, the chemicals included 5-gallon containers of Teflon grease, floor stripper concentrate, Terra Glaze Acrylic Polymer and tar roof coating. There were no visible cracks or stains on the surfaces below these containers. **Therefore, no additional investigation is warranted, and these chemicals should be properly disposed of prior to demolition or redevelopment.**

- **BER 3 – Drain, Basin, Pits and Sump:** Two (2) interior drainage pits, one (1) sump and one (1) wash basin were observed in the basement utility room during the walkthrough. **No evidence of staining or a sheen was observed. Therefore, no further investigation is warranted.**

- **BER 4 – Monitoring Wells:** One (1) monitoring well was identified in the parking lot to the south of the Subject Property building. This well was installed by others prior to the SESI Phase II investigations. The current owner, as part of its due diligence, requested information pertaining to the well; however, the past owner indicated that the well predated his ownership and the prior owner failed to provide him with any relevant information. Therefore the nature of this well is unknown and there is no data available from this well. **This well should be properly decommissioned prior to redevelopment**.

- **BER 5 – Hazardous Materials:** An asbestos containing material (ACM), lead-based paint (LBP), PCB caulk and universal waste survey was not conducted as part of this Phase I Environmental Site Assessment. Based on the age of the structures located on the Subject Property, the presence of these materials cannot be ruled out. **Therefore, a comprehensive hazardous material survey is recommended prior to demolition or redevelopment.**

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 February 2025.

In total, 27 soil borings were advanced to a maximum depth of 10 ft bgs, four (4) temporary wells and one (1) monitoring well collected a total of five (5) groundwater samples, four (4) soil vapor points collected a total of four (4) soil vapor samples and two (2) ambient air samples were collected. The sampling locations are depicted on **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 27 soil borings were advanced throughout the Site using direct push drilling techniques to a maximum depth of 10 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. Elevated PID readings were not observed (ranged from 0.0-1.3 parts per million [ppm]); however, a slight petroleum odor was identified in SB-408, where the PID reading was 1.3 ppm at 1-2 ft bgs. Historic fill generally consisted of brown coarse to fine sand, and varying amounts of silt and gravel was observed. Debris within the historic fill layer included concrete and brick. The historic fill materials were encountered to a maximum of 10 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 27 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.

Table 2.1 – Soil Boring Summary Table

Boring ID	Sample ID	Sample Depth (ft bgs)	Sample Date	Analysis
SB-9	SB-9 (8-8.5)	8.0-8.5	8/6/2022	TCL+30/TAL
SB-10	SB-10 (4-4.5)	4.0-4.5	8/6/2022	TCL+30/TAL
SB-11	SB-11 (7-7.5)	7.0-7.5	8/6/2022	TCL+30/TAL & PFAS
SB-12	SB-12 (0.5-1.0)	0.5-1.0	8/6/2022	TCL VOCs
SB-13	SB-13 (1-1.5)	1.0-1.5	8/6/2022	TCL+30/TAL
SB-210	SB-210 (2.5-3)	2.5-3.0	1/28/2023	TCL+30/TAL & PFAS
SB-211	SB-211 (3.5-4)	3.5-4.0	1/28/2023	TCL+30/TAL
SB-212	SB-212 (3-3.5)	3.0-3.5	1/28/2023	TCL+30/TAL
SB-213	SB-213 (3-3.5)	3.0-3.5	1/28/2023	TCL+30/TAL
SB-214	SB-214 (4-4.5)	4.0-4.5	1/28/2023	TCL+30/TAL
SB-215	SB-215 (1-1.5)	1.0-1.5	1/28/2023	TCL+30/TAL
SB-301	SB-301 (2-2.5)	2.0-2.5	10/10/2023	TCL+30/TAL
SB-302	SB-302 (1-1.5)	1.0-1.5	10/10/2023	TCL+30/TAL & PFAS
SB-303	SB-303 (3-3.5)	3.0-3.5	10/11/2023	TCL+30/TAL
SB-304	SB-304 (2.5-3)	2.5-3.0	10/12/2023	TCL+30/TAL & PFAS
SB-305	SB-305 (2-2.5)	2.0-2.5	10/13/2023	TCL+30/TAL & PFAS
SB-309	SB-309 (3-3.5)	3.0-3.5	10/19/2023	TCL+30/TAL
SB-401	SB-401 (0.5-1.0)	0.5-1.0	2/28/2025	TCL VOCs, TCL SVOCs & TAL Metals
SB-402	SB-402 (0.5-1.0)	0.5-1.0	2/28/2025	TCL SVOCs & TAL Metals
SB-403	SB-403 (1.0-1.5)	1.0-1.5	2/27/2025	TCL SVOCs & TAL Metals
SB-404	SB-404 (3.25-3.75	3.25-3.75	2/28/2025	TCL VOCs, TCL SVOCs & TAL Metals
SB-405	SB-405 (4.0-4.5)	4.0-4.5	2/27/2025	TCL SVOCs & TAL Metals
SB-406	SB-406 (0.5-1.0)	0.5-1.0	2/27/2025	TCL SVOCs & TAL Metals
SB-407	SB-407 (1.0-1.5)	1.0-1.5	2/28/2025	TCL SVOCs & TAL Metals
SB-408	SB-408 (1.5-2.0)	1.5-2.0	2/28/2025	TCL VOCs, TCL SVOCs & TAL Metals
SB-409	SB-409 (1.5-2.0)	1.5-2.0	2/27/2025	TCL SVOCs & TAL Metals
SB-410	SB-410 (2.0)-2.5)	2.0-2.5	2/27/2025	TCL SVOCs & TAL Metals

2.2.1 SOIL ANALYTICAL RESULTS

A total of 27 subsurface soil samples were collected during the investigation to evaluate the potential impacts from former Site uses. 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), Residential Soil Cleanup Objective (RSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs), is presented in the attached **Table 2.2** attached. 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-9 (8-8.5)		SB-10 (4-4.5)		SB-11 (7-7.5)		SB-12 (0.5-1.0)		SB-13 (1-1.5)	
LAB ID:					L2242456-08		L2242456-09		L2242456-10		L2242456-11		L2242456-12	
COLLECTION DATE:					8/6/2022		8/6/2022		8/6/2022		8/6/2022		8/6/2022	
SAMPLE DEPTH (FT):					8.0-8.5		4.0-4.5		7.0-7.5		0.5-1.0		1.0-1.5	
ANALYTE	USCO	RSCO	RRSCO	PGSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS (mg/kg)														
PFOS	0.00088	0.0088	0.044		-		-		ND		-		-	
SVOCs (mg/kg)														
Benzo(a)anthracene	1	1	1	1	ND		ND		ND		-		ND	
Benzo(a)pyrene	1	1	1	22	ND		ND		ND		-		ND	
Benzo(b)fluoranthene	1	1	1	1.7	ND		ND		ND		-		ND	
Benzo(k)fluoranthene	0.8	1	3.9	1.7	ND		ND		ND		-		ND	
Chrysene	1	1	3.9	1	ND		ND		ND		-		ND	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	1000	ND		ND		ND		-		ND	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	8.2	ND		ND		ND		-		ND	
Pesticides (mg/kg)														
4,4'-DDE	0.0033	1.8	8.9	17	ND		ND		ND		-		ND	
4,4'-DDT	0.0033	1.7	7.9	136	ND		ND		ND		-		ND	
Metals (mg/kg)														
Copper, Total	50	270	270	1720	9.9		21		11.4		-		13.4	
Lead, Total	63	400	400	450	2.11	J	4.71		2.62	J	-		2.72	J
Mercury, Total	0.18	0.81	0.81	0.73	ND		ND		ND		-		ND	
Nickel, Total	30	140	310	130	11		14.1		11.1		-		14.2	
Zinc, Total	109	2200	10000	2480	15.7		24.4		14		-		21.7	

SAMPLE ID:					SB-210 (2.5-3)		SB-211 (3.5-4)		SB-212 (3-3.5)		SB-213 (3-3.5)		SB-214 (4-4.5)	
LAB ID:					L2305142-10		L2305142-11		L2305142-12		L2305142-13		L2305142-14	
COLLECTION DATE:					1/28/2023		1/28/2023		1/28/2023		1/28/2023		1/28/2023	
SAMPLE DEPTH (FT):					2.5-3.0		3.5-4.0		3.0-3.5		3.0-3.5		4.0-4.5	
ANALYTE	USCO	RSCO	RRSCO	PGSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS (mg/kg)														
PFOS	0.00088	0.0088	0.044		0.000126	J	-		-		-		-	
SVOCs (mg/kg)														
Benzo(a)anthracene	1	1	1	1	2.7		0.16		1.3		0.047	J	0.027	J
Benzo(a)pyrene	1	1	1	22	3		0.28		1.2		0.05	J	ND	
Benzo(b)fluoranthene	1	1	1	1.7	3.5		0.36		1.4		0.059	J	0.033	J
Benzo(k)fluoranthene	0.8	1	3.9	1.7	1.2		0.13		0.48		ND		ND	
Chrysene	1	1	3.9	1	2.5		0.22		1.2		0.046	J	0.027	J
Dibenzo(a,h)anthracene	0.33	0.33	0.33	1000	0.46		0.049	J	0.14		ND		ND	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	8.2	2.2		0.25		0.83		0.035	J	ND	
Pesticides (mg/kg)														
4,4'-DDE	0.0033	1.8	8.9	17	ND		ND		ND		ND		ND	
4,4'-DDT	0.0033	1.7	7.9	136	ND		ND		ND		ND		ND	
Metals (mg/kg)														
Copper, Total	50	270	270	1720	41.9		24.3		15.9		12.7		21.6	
Lead, Total	63	400	400	450	62.7		20.3		24		83.4		36.7	
Mercury, Total	0.18	0.81	0.81	0.73	0.126		ND		ND		0.233		0.202	
Nickel, Total	30	140	310	130	22.1		17		14.4		13.5		15.6	
Zinc, Total	109	2200	10000	2480	67.7		42.7		49.7		47.4		40.5	

SAMPLE ID:					SB-215 (1-1.5)		SB-301 (2-2.5)		SB-302 (1-1.5)		SB-303 (3-3.5)		SB-304 (2.5-3)	
LAB ID:					L2305142-15		L2359919-01		L2359919-02		L2360344-01		L2360711-01	
COLLECTION DATE:					1/28/2023		10/10/2023		10/10/2023		10/11/2023		10/12/2023	
SAMPLE DEPTH (FT):					1.0-1.5		2.0-2.5		1.0-1.5		3.0-3.5		2.5-3.0	
ANALYTE	USCO	RSCO	RRSCO	PGSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS (mg/kg)														
PFOS	0.00088	0.0088	0.044		-		-		0.00105		-		0.00092	
SVOCs (mg/kg)														
Benzo(a)anthracene	1	1	1	1	0.057	J	0.096	J	0.12		0.29		0.31	
Benzo(a)pyrene	1	1	1	22	0.065	J	0.086	J	0.11	J	0.29		0.32	
Benzo(b)fluoranthene	1	1	1	1.7	0.079	J	0.11	J	0.13		0.32		0.39	
Benzo(k)fluoranthene	0.8	1	3.9	1.7	0.03	J	0.035	J	0.048	J	0.11	J	0.15	
Chrysene	1	1	3.9	1	0.062	J	0.1	J	0.14		0.27		0.28	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	1000	ND		ND		ND		0.042	J	0.044	J
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	8.2	0.049	J	0.063	J	0.073	J	0.22		0.2	
Pesticides (mg/kg)														
4,4'-DDE	0.0033	1.8	8.9	17	ND		0.00397		0.00518		0.00144	J	0.00164	J
4,4'-DDT	0.0033	1.7	7.9	136	ND		0.00714		0.0119		0.00232		0.0042	
Metals (mg/kg)														
Copper, Total	50	270	270	1720	15.6		25.8		42.9		24.2		28.8	
Lead, Total	63	400	400	450	171		362		335		112		102	
Mercury, Total	0.18	0.81	0.81	0.73	0.195		0.159		0.388		0.064	J	0.086	
Nickel, Total	30	140	310	130	13		13.4		15.4		26.4		30.2	
Zinc, Total	109	2200	10000	2480	51		129		386		74.9		93.5	

SAMPLE ID:					SB-305 (2-2.5)		SB-309 (3-3.5)		SB-401 (0.5-1.0		SB-402 (0.5-1.0		SB-403 (1.0-1.5	
LAB ID:					L2361112-01		L2362230-01		L2511313-01		L2511313-02		L2511014-01	
COLLECTION DATE:					10/13/2023		10/19/2023		2/28/2025		2/28/2025		2/27/2025	
SAMPLE DEPTH (FT):					2.0-2.5		3.0-3.5		0.5-1.0		0.5-1.0		1.0-1.5	
ANALYTE	USCO	RSCO	RRSCO	PGSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS (mg/kg)														
PFOS	0.00088	0.0088	0.044		0.00056		-	-					-	-
SVOCs (mg/kg)														
Benzo(a)anthracene	1	1	1	1	2.3		ND		ND		0.054	J	ND	
Benzo(a)pyrene	1	1	1	22	2.2		ND		ND		ND		ND	
Benzo(b)fluoranthene	1	1	1	1.7	2.8		ND		ND		0.069	J	ND	
Benzo(k)fluoranthene	0.8	1	3.9	1.7	0.92		ND		ND		ND		ND	
Chrysene	1	1	3.9	1	2		ND		0.039	J	0.074	J	ND	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	1000	0.29		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	8.2	1.3		ND		ND		0.032	J	ND	
Pesticides (mg/kg)														
4,4'-DDE	0.0033	1.8	8.9	17	ND		ND						-	-
4,4'-DDT	0.0033	1.7	7.9	136	ND		ND						-	-
Metals (mg/kg)														
Copper, Total	50	270	270	1720	25.2		24.3		6.07		19.4		18.4	
Lead, Total	63	400	400	450	88.8		15.7		9.43		35.7		5.79	
Mercury, Total	0.18	0.81	0.81	0.73	0.168		ND		ND		ND		ND	
Nickel, Total	30	140	310	130	13.3		19.6		2.82	J	11.9		23.2	
Zinc, Total	109	2200	10000	2480	101		41.8		22.4		33.4		33.9	

SAMPLE ID:					B-404 (3.25-3.7		SB-405 (4.0-4.5		SB-406 (0.5-1.0		SB-407 (1.0-1.5		SB-408 (1.5-2.0	
LAB ID:					L2511313-03		L2511014-02		L2511014-03		L2511313-04		L2511313-05	
COLLECTION DATE:					2/28/2025		2/27/2025		2/27/2025		2/28/2025		2/28/2025	
SAMPLE DEPTH (FT):					3.25-3.75		4.0-4.5		0.5-1.0		1.0-1.5		1.5-2.0	
ANALYTE	USCO	RSCO	RRSCO	PGSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS (mg/kg)														
PFOS	0.00088	0.0088	0.044				-	-	-	-				
SVOCs (mg/kg)														
Benzo(a)anthracene	1	1	1	1	0.038	J	0.034	J	ND		0.31		ND	
Benzo(a)pyrene	1	1	1	22	ND		ND		ND		0.32		ND	
Benzo(b)fluoranthene	1	1	1	1.7	0.046	J	0.032	J	ND		0.37		ND	
Benzo(k)fluoranthene	0.8	1	3.9	1.7	ND		ND		ND		0.14		ND	
Chrysene	1	1	3.9	1	0.036	J	0.03	J	ND		0.32		ND	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	1000	ND		ND		ND		0.055	J	ND	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	8.2	ND		ND		ND		0.2		ND	
Pesticides (mg/kg)														
4,4'-DDE	0.0033	1.8	8.9	17			-	-	-	-				
4,4'-DDT	0.0033	1.7	7.9	136			-	-	-	-				
Metals (mg/kg)														
Copper, Total	50	270	270	1720	14.9		13		16.4		24.2		98.4	
Lead, Total	63	400	400	450	3.07	J	5.53		8.73		150		1.28	J
Mercury, Total	0.18	0.81	0.81	0.73	ND		ND		ND		0.246		ND	
Nickel, Total	30	140	310	130	16.2		14		27.2		13		119	
Zinc, Total	109	2200	10000	2480	30.8		23		25.5		88.5		61.2	

SAMPLE ID:					SB-409 (1.5-2.0		SB-410 (2.0)-2.5	
LAB ID:					L2511014-04		L2511014-05	
COLLECTION DATE:					2/27/2025		2/27/2025	
SAMPLE DEPTH (FT):					1.5-2.0		2.0-2.5	
ANALYTE	USCO	RSCO	RRSCO	PGSCO	Conc	Q	Conc	Q
PFAS (mg/kg)								
PFOS	0.00088	0.0088	0.044		-	-	-	-
SVOCs (mg/kg)								
Benzo(a)anthracene	1	1	1	1	1		0.2	
Benzo(a)pyrene	1	1	1	22	1.1		0.22	
Benzo(b)fluoranthene	1	1	1	1.7	1.5		0.26	
Benzo(k)fluoranthene	0.8	1	3.9	1.7	0.48		0.094	J
Chrysene	1	1	3.9	1	1.1		0.19	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	1000	0.19		0.032	J
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	8.2	0.78		0.14	J
Pesticides (mg/kg)								
4,4'-DDE	0.0033	1.8	8.9	17	-	-	-	-
4,4'-DDT	0.0033	1.7	7.9	136	-	-	-	-
Metals (mg/kg)								
Copper, Total	50	270	270	1720	31		21.6	
Lead, Total	63	400	400	450	385		166	
Mercury, Total	0.18	0.81	0.81	0.73	0.515		0.15	
Nickel, Total	30	140	310	130	22.5		16	
Zinc, Total	109	2200	10000	2480	228		89.2	

Notes
PFOS = Perfluorooctanesulfonic Acid
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.
PGSCO: 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 PGSCO
J = Estimated
ND = Not Detected
- = Not Tested

A total of four (4) borings exhibited exceedances of the RSCOs, RRSCOs and/or PGSCOs for polycyclic aromatic hydrocarbons (PAHs). Other borings exhibited exceedances of the USCOs for perfluorooctanesulfonic acid (PFOS), pesticides and metals. PCBs, VOCs and other SVOCs were not found to exceed the USCOs.

2.3 GROUNDWATER INVESTIGATION

To evaluate groundwater quality at the Site, SESI collected five (5) groundwater samples from four (4) temporary wells and one (1) existing monitoring well. The groundwater samples were collected by advancing a one-inch inside diameter poly-vinyl 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 five (5) groundwater samples were collected between August 2022 and February 2025 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 Ambient Water Quality Standards (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 AWQS exceedances. The groundwater sampling results are shown on **Figure 2.3**.

Table 2.5 – Summary of Groundwater Exceedances

SAMPLE ID:		TW-2		MW-1		TW-202		TW-303		TW-401	
LAB ID:		L2242491-02		L2242491-03		L2305142-17		L2362532-01		L2511313-06	
COLLECTION DATE:		8/6/2022		8/6/2022		1/28/2023		10/20/2023		2/28/2025	
ANALYTE	NY-AWQS	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOCs (ug/l)											
Benzene	1	ND		ND		ND		1.3		ND	
Chloroform	7	ND		ND		ND		21		ND	
PFAS (ug/l)											
PFOS	0.0027	0.0105		0.014		0.0372		ND		0.057	
PFOA	0.0067	0.0128		0.0112		0.0161		ND		0.0161	
SVOCs (ug/l)											
Phenol	1	ND		ND		ND		1.7	J	ND	
SVOCs - SIM (ug/l)											
Benzo(a)anthracene	0.002	ND		0.11		0.03	J	0.02	J	0.04	J
Benzo(a)pyrene	0	ND		0.13		ND		0.03	J	0.03	J
Benzo(b)fluoranthene	0.002	ND		0.27		ND		0.04	J	0.05	J
Benzo(k)fluoranthene	0.002	ND		0.08	J	ND		0.02	J	ND	
Chrysene	0.002	ND		0.13		ND		0.02	J	0.04	J
Indeno(1,2,3-cd)pyrene	0.002	ND		0.2		ND		0.02	J	0.04	J
Metals (ug/l)											
Arsenic, Total	25	0.7		0.79		41.51		9.92		27.96	
Barium, Total	1000	197		163		11710		4302		4480	
Beryllium, Total	3	0.29	J	ND		14		3.98		12.04	
Cadmium, Total	5	ND		ND		6.58		4.53		5.91	
Chromium, Total	50	25.09		13.09		396.7		1083		213.5	
Copper, Total	200	24.94		8.07		597.5		876.8		876.6	
Iron, Total	300	18800		4960		165000		368000		129000	
Lead, Total	25	4.25		2.76		286.5		481.3		2508	
Magnesium, Total	35000	30700		46300		117000		77400		91100	
Manganese, Total	300	853.6		1127		88680		48620		22610	
Mercury, Total	0.7	ND		ND		0.49		3.04		4.36	
Nickel, Total	100	26.17		11.02		733.2		1334		226.8	
Selenium, Total	10	9.39		5.15		169		44.5		26.9	
Silver, Total	50	ND		ND		0.53		23.67		3.19	
Sodium, Total	20000	124000		124000		109000		60200		42300	
Thallium, Total	0.5	0.25	J	ND		2.47		1.63		3	

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 PFAS, phenol, PAHs and/or metals in all permanent or temporary wells. However, the water samples were collected from temporary wells, which may result in higher metal exceedances due to sediment in the water sample. PCBs and 1,4-dioxane were not found to exceed the AWQS.

2.4 SOIL VAPOR INVESTIGATION

A total of four (4) soil vapor points were installed between August 2022 and February 2025 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 four (4) soil vapor samples were collected from the soil vapor probes and a total of two (2) ambient air samples were submitted under proper COC to Alpha, a NYSDOH ELAP-certified laboratory.

2.4.1 SOIL VAPOR ANALYTICAL RESULTS

A total of four (4) soil vapor samples and two (2) ambient air 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 locations and results are shown on **Figure 2.4**.

Table 2.7 – Summary of Soil Vapor Detections

SAMPLE ID:													SV-2		AA-1		SV-202		SV-303		SV-302		AA-1	
LAB ID:													L2242461-02		L2242461-03		L2304933-02		L2514233-01		L2514233-02		L2514233-03	
COLLECTION DATE:													8/6/2022		8/6/2022		1/28/2023		3/12/2025		3/12/2025		3/12/2025	
SAMPLE MATRIX:													SOIL_VAPOR		AIR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		AIR	
ANALYTE	IAC-A	SSC-A	IAC-B	SSC-B	IAC-C	SSC-C	IAC-D	SSC-D	IAC-E	SSC-E	IAC-F	SSC-F	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
VOCs (ug/m3)																								
1,1-Dichloroethane													ND	0.81	ND	0.81	ND	1.93	0.9	0.81	ND	0.81	ND	0.81
1,2,4-Trimethylbenzene							2	60					7.82	0.98	ND	0.98	2.82	2.34	4.67	0.98	6.74	0.98	**2.4**	0.98
1,2-Dichloroethane													ND	0.81	ND	0.81	ND	1.93	ND	0.81	0.83	0.81	ND	0.81
1,3,5-Trimethylbenzene							2	60					8.6	0.98	ND	0.98	ND	2.34	1.17	0.98	2.31	0.98	ND	0.98
1,3-Butadiene													15.9	0.44	ND	0.44	ND	1.05	ND	0.44	ND	0.44	ND	0.44
1,4-Dioxane													ND	0.72	ND	0.72	ND	1.72	ND	0.72	3.6	0.72	ND	0.72
2,2,4-Trimethylpentane							2	60					ND	0.93	ND	0.93	ND	2.22	ND	0.93	1.97	0.93	ND	0.93
2-Butanone													101	1.47	ND	1.47	56.9	3.51	1.71	1.47	1.5	1.47	4.31	1.47
2-Hexanone													35	0.82	ND	0.82	ND	1.95	ND	0.82	ND	0.82	ND	0.82
4-Ethyltoluene													3.52	0.98	ND	0.98	ND	2.34	ND	0.98	1.35	0.98	ND	0.98
4-Methyl-2-pentanone													24.9	2.05	ND	2.05	ND	4.88	ND	2.05	ND	2.05	ND	2.05
Acetone													432	2.38	13.5	2.38	52	5.65	16.4	2.38	15.8	2.38	86.7	2.38
Benzene							2	60					23.7	0.64	ND	0.64	ND	1.52	1.09	0.64	5.18	0.64	1.09	0.64
Bromodichloromethane													ND	1.34	ND	1.34	ND	3.19	ND	1.34	1.47	1.34	ND	1.34
Carbon disulfide													51.4	0.62	ND	0.62	ND	1.48	1	0.62	13.8	0.62	ND	0.62
Carbon tetrachloride	0.2	6											ND	1.26	ND	1.26	ND	2.99	**29.5**	1.26	**7.67**	1.26	**0.52**	0.13
Chloroethane													3.64	0.53	ND	0.53	ND	1.26	ND	0.53	ND	0.53	ND	0.53
Chloroform													ND	0.98	ND	0.98	ND	2.32	24.8	0.98	31.6	0.98	ND	0.98
Chloromethane													8.78	0.41	1.44	0.41	ND	0.98	ND	0.41	0.78	0.41	1.27	0.41
cis-1,2-Dichloroethene	0.2	6											ND	0.79	ND	0.79	ND	1.89	**304**	0.79	ND	0.79	ND	0.08
Cyclohexane							2	60					13.7	0.69	ND	0.69	1.65	1.64	ND	0.69	1.64	0.69	ND	0.69
Dichlorodifluoromethane													2.76	0.99	2.46	0.99	ND	2.35	4.21	0.99	3.33	0.99	2.47	0.99
Ethanol													35	9.42	17.8	9.42	92.7	22.4	288	9.42	187	9.42	24.5	9.42
Ethyl Acetate													4.97	1.8	ND	1.8	17.8	4.29	2.81	1.8	2.16	1.8	ND	1.8
Ethylbenzene							2	60					7.12	0.87	ND	0.87	**405**	2.07	1.87	0.87	6.25	0.87	1.06	0.87
Heptane									6	200			14.8	0.82	ND	0.82	8.97	1.95	0.85	0.82	1.9	0.82	ND	0.82
Isopropanol													15.4	1.23	8.11	1.23	8.53	2.93	143	2.46	49.7	2.46	54.6	2.46
n-Hexane									6	200			20.2	0.71	ND	0.71	7.12	1.68	0.97	0.71	2.19	0.71	0.74	0.71
o-Xylene							2	60					9.43	0.87	ND	0.87	**337**	2.07	2.89	0.87	7.43	0.87	1.67	0.87
p/m-Xylene									6	200			22.4	1.74	ND	1.74	**1240**	4.14	6.12	1.74	20.9	1.74	3.64	1.74
Styrene													0.99	0.85	ND	0.85	ND	2.03	ND	0.85	ND	0.85	ND	0.85
Tertiary butyl Alcohol													63.4	1.52	ND	1.52	ND	3.61	ND	1.52	1.64	1.52	ND	1.52
Tetrachloroethene			3	100									7.26	1.36	ND	1.36	8.07	3.23	**411**	1.36	60.4	1.36	ND	0.14
Tetrahydrofuran													5.93	1.47	ND	1.47	ND	3.51	ND	1.47	ND	1.47	5.01	1.47
Toluene											10	300	21.2	0.75	3.92	0.75	65.6	1.79	8.71	0.75	31.4	0.75	2.56	0.75
trans-1,2-Dichloroethene													ND	0.79	ND	0.79	ND	1.89	61.1	0.79	ND	0.79	ND	0.79
Trichloroethene	0.2	6											ND	1.07	ND	1.07	ND	2.56	**404**	1.07	**16.9**	1.07	ND	0.11
Trichlorofluoromethane													2.47	1.12	1.36	1.12	ND	2.67	2.12	1.12	1.29	1.12	1.15	1.12
Vinyl chloride					0.2	6							0.66	0.51	ND	0.51	ND	1.22	ND	0.51	ND	0.51	ND	0.05

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.

A total of 39 VOCs were detected in the vapor samples. Based on a comparison of the soil vapor results to the NYSDOH Soil Vapor/Indoor Air Matrices, the elevated concentrations of cis-1,2-Dichloroethene and Trichloroethene in soil vapor at the Site will likely require mitigation following redevelopment despite the lack of a collocated indoor air sample.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Between August 2022 and February 2025, SESI performed sampling of soil, groundwater and soil vapor at the subject property. The investigation activities completed by SESI confirmed the presence of PAHs above the RRSCOS, RSCOs and/or PGSCOs and PFOS, pesticides and metals exceeding the USCOs in soil/historic fill. Furthermore, PFAS, phenol, PAHs and metals exceeded the AWQS in groundwater at the subject property. Additionally, elevated VOC concentrations in soil vapor may require mitigation following redevelopment.

Based on the results and due to the future residential use on the subject property, remediation will be required at the subject property. 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.

Tables

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-1 (7.5-8.0)				SB-2 (5.5-6)				SB-3 (7.5-8)				SB-4 (6.5-7)				
				LAB ID:	L2242456-01				L2242456-02				L2242456-03				L2242456-04				
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022				8/6/2022				
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc
VOLATILE ORGANICS BY EPA 5035																					
1,1,1,2-Tetrachloroethane	630-20-6				ND		0.00052	0.00014	ND		0.00054	0.00014	ND		0.00044	0.00012	ND		0.00056	0.00015	ND
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND		0.00052	0.00017	ND		0.00054	0.00018	ND		0.00044	0.00015	ND		0.00056	0.00019	ND
1,1,2,2-Tetrachloroethane	79-34-5				ND		0.00052	0.00017	ND		0.00054	0.00018	ND		0.00044	0.00015	ND		0.00056	0.00018	ND
1,1,2-Trichloroethane	79-00-5				ND		0.001	0.00028	ND		0.0011	0.00029	ND		0.00088	0.00024	ND		0.0011	0.0003	ND
1,1-Dichloroethane	75-34-3	19	26	0.27	ND		0.001	0.00015	ND		0.0011	0.00016	ND		0.00088	0.00013	ND		0.0011	0.00016	ND
1,1-Dichloroethene	75-35-4	100	100	0.33	ND		0.001	0.00024	ND		0.0011	0.00026	ND		0.00088	0.00021	ND		0.0011	0.00026	ND
1,1-Dichloropropene	563-58-6				ND		0.00052	0.00016	ND		0.00054	0.00017	ND		0.00044	0.00014	ND		0.00056	0.00018	ND
1,2,3-Trichlorobenzene	87-61-6				ND		0.0021	0.00033	ND		0.0022	0.00035	ND		0.0018	0.00028	ND		0.0022	0.00036	ND
1,2,3-Trichloropropane	96-18-4				ND		0.0021	0.00013	ND		0.0022	0.00014	ND		0.0018	0.00011	ND		0.0022	0.00014	ND
1,2,4,5-Tetramethylbenzene	95-93-2				ND		0.0021	0.0002	ND		0.0022	0.00021	ND		0.0018	0.00017	ND		0.0022	0.00021	ND
1,2,4-Trichlorobenzene	120-82-1				ND		0.0021	0.00028	ND		0.0022	0.00029	ND		0.0018	0.00024	ND		0.0022	0.0003	ND
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND		0.0021	0.00034	ND		0.0022	0.00036	ND		0.0018	0.00029	ND		0.0022	0.00037	ND
1,2-Dibromo-3-chloropropane	96-12-8				ND		0.0031	0.001	ND		0.0032	0.0011	ND		0.0026	0.00088	ND		0.0033	0.0011	ND
1,2-Dibromoethane	106-93-4				ND		0.001	0.00029	ND		0.0011	0.0003	ND		0.00088	0.00024	ND		0.0011	0.00031	ND
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND		0.0021	0.00015	ND		0.0022	0.00016	ND		0.0018	0.00013	ND		0.0022	0.00016	ND
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND		0.001	0.00026	ND		0.0011	0.00028	ND		0.00088	0.00023	ND		0.0011	0.00029	ND
1,2-Dichloroethene, Total	540-59-0				ND		0.001	0.00014	ND		0.0011	0.00015	ND		0.00088	0.00012	ND		0.0011	0.00015	ND
1,2-Dichloropropane	78-87-5				ND		0.001	0.00013	ND		0.0011	0.00014	ND		0.00088	0.00011	ND		0.0011	0.00014	ND
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND		0.0021	0.0002	ND		0.0022	0.00021	ND		0.0018	0.00017	ND		0.0022	0.00022	ND
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND		0.0021	0.00015	ND		0.0022	0.00016	ND		0.0018	0.00013	ND		0.0022	0.00016	ND
1,3-Dichloropropane	142-28-9				ND		0.0021	0.00017	ND		0.0022	0.00018	ND		0.0018	0.00015	ND		0.0022	0.00019	ND
1,3-Dichloropropene, Total	542-75-6				ND		0.00052	0.00016	ND		0.00054	0.00017	ND		0.00044	0.00014	ND		0.00056	0.00018	ND
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND		0.0021	0.00018	ND		0.0022	0.00018	ND		0.0018	0.00015	ND		0.0022	0.00019	ND
1,4-Dioxane	123-91-1	9.8	13	0.1	ND		0.082	0.036	ND		0.086	0.038	ND		0.07	0.031	ND		0.089	0.039	ND
2,2-Dichloropropane	594-20-7				ND		0.0021	0.00021	ND		0.0022	0.00022	ND		0.0018	0.00018	ND		0.0022	0.00022	ND
2-Butanone	78-93-3	100	100	0.12	ND		0.01	0.0023	ND		0.011	0.0024	ND		0.0088	0.002	ND		0.011	0.0025	ND
2-Hexanone	591-78-6				ND		0.01	0.0012	ND		0.011	0.0013	ND		0.0088	0.001	ND		0.011	0.0013	ND
4-Methyl-2-pentanone	108-10-1				ND		0.01	0.0013	ND		0.011	0.0014	ND		0.0088	0.0011	ND		0.011	0.0014	ND
Acetone	67-64-1	100	100	0.05	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
Acrylonitrile	107-13-1				ND		0.0041	0.0012	ND		0.0043	0.0012	ND		0.0035	0.001	ND		0.0045	0.0013	ND
Benzene	71-43-2	2.9	4.8	0.06	ND		0.00052	0.00017	ND		0.00054	0.00018	ND		0.00044	0.00015	ND		0.00056	0.00018	ND
Bromobenzene	108-86-1				ND		0.0021	0.00015	ND		0.0022	0.00016	ND		0.0018	0.00013	ND		0.0022	0.00016	ND
Bromochloromethane	74-97-5				ND		0.0021	0.00021	ND		0.0022	0.00022	ND		0.0018	0.00018	ND		0.0022	0.00023	ND
Bromodichloromethane	75-27-4				ND		0.00052	0.00011	ND		0.00054	0.00012	ND		0.00044	0.0001	ND		0.00056	0.00012	ND
Bromoform	75-25-2				ND		0.0041	0.00025	ND		0.0043	0.00027	ND		0.0035	0.00022	ND		0.0045	0.00027	ND
Bromomethane	74-83-9				ND		0.0021	0.0006	ND		0.0022	0.00063	ND		0.0018	0.00051	ND		0.0022	0.00065	ND
Carbon disulfide	75-15-0				ND		0.01	0.0047	ND		0.011	0.0049	ND		0.0088	0.004	ND		0.011	0.0051	ND
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND		0.001	0.00024	ND		0.0011	0.00025	ND		0.00088	0.0002	ND		0.0011	0.00026	ND
Chlorobenzene	108-90-7	100	100	1.1	ND		0.00052	0.00013	ND		0.00054	0.00014	ND		0.00044	0.00011	ND		0.00056	0.00014	ND
Chloroethane	75-00-3				ND		0.0021	0.00046	ND		0.0022	0.00049	ND		0.0018	0.0004	ND		0.0022	0.0005	ND
Chloroform	67-66-3	10	49	0.37	ND		0.0015	0.00014	ND		0.0016	0.00015	ND		0.0013	0.00012	ND		0.0017	0.00016	ND
Chloromethane	74-87-3				ND		0.0041	0.00096	ND		0.0043	0.001	ND		0.0035	0.00082	ND		0.0045	0.001	ND
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND		0.001	0.00018	ND		0.0011	0.00019	ND		0.00088	0.00015	ND		0.0011	0.0002	ND
cis-1,3-Dichloropropene	10061-01-5				ND		0.00052	0.00016	ND		0.00054	0.00017	ND		0.00044	0.00014	ND		0.00056	0.00018	ND
Dibromochloromethane	124-48-1				ND		0.001	0.00014	ND		0.0011	0.00015	ND		0.00088	0.00012	ND		0.0011	0.00016	ND
Dibromomethane	74-95-3				ND		0.0021	0.00024	ND		0.0022	0.00026	ND		0.0018	0.00021	ND		0.0022	0.00026	ND
Dichlorodifluoromethane	75-71-8				ND		0.01	0.00094	ND		0.011	0.00099	ND		0.0088	0.00081	ND		0.011	0.001	ND
Ethyl ether	60-29-7				ND		0.0021	0.00035	ND		0.0022	0.00037	ND		0.0018	0.0003	ND		0.0022	0.00038	ND
Ethylbenzene	100-41-4	30	41	1	ND		0.001	0.00014	ND		0.0011	0.00015	ND		0.00088	0.00012	ND		0.0011	0.00016	ND

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-1 (7.5-8.0)				SB-2 (5.5-6)				SB-3 (7.5-8)				SB-4 (6.5-7)				
				LAB ID:	L2242456-01				L2242456-02				L2242456-03				L2242456-04				
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022				8/6/2022				
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc
Hexachlorobutadiene	87-68-3				ND		0.0041	0.00017	ND		0.0043	0.00018	ND		0.0035	0.00015	ND		0.0045	0.00019	ND
Isopropylbenzene	98-82-8				ND		0.001	0.00011	ND		0.0011	0.00012	ND		0.00088	0.0001	ND		0.0011	0.00012	ND
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND		0.0021	0.00021	ND		0.0022	0.00022	ND		0.0018	0.00018	ND		0.0022	0.00022	ND
Methylene chloride	75-09-2	51	100	0.05	ND		0.0052	0.0024	ND		0.0054	0.0025	ND		0.0044	0.002	ND		0.0056	0.0026	ND
n-Butylbenzene	104-51-8	100	100	12	ND		0.001	0.00017	ND		0.0011	0.00018	ND		0.00088	0.00015	ND		0.0011	0.00019	ND
n-Propylbenzene	103-65-1	100	100	3.9	ND		0.001	0.00018	ND		0.0011	0.00018	ND		0.00088	0.00015	ND		0.0011	0.00019	ND
Naphthalene	91-20-3	100	100	12	ND		0.0041	0.00067	ND		0.0043	0.0007	ND		0.0035	0.00057	ND		0.0045	0.00072	ND
o-Chlorotoluene	95-49-8				ND		0.0021	0.0002	ND		0.0022	0.00021	ND		0.0018	0.00017	ND		0.0022	0.00021	ND
o-Xylene	95-47-6				ND		0.001	0.0003	ND		0.0011	0.00031	ND		0.00088	0.00026	ND		0.0011	0.00032	ND
p-Chlorotoluene	106-43-4				ND		0.0021	0.00011	ND		0.0022	0.00012	ND		0.0018	0.0001	ND		0.0022	0.00012	ND
p-Diethylbenzene	105-05-5				ND		0.0021	0.00018	ND		0.0022	0.00019	ND		0.0018	0.00016	ND		0.0022	0.0002	ND
p-Ethyltoluene	622-96-8				ND		0.0021	0.0004	ND		0.0022	0.00042	ND		0.0018	0.00034	ND		0.0022	0.00043	ND
p-Isopropyltoluene	99-87-6				ND		0.001	0.00011	ND		0.0011	0.00012	ND		0.00088	0.0001	ND		0.0011	0.00012	ND
p/m-Xylene	179601-23-1				ND		0.0021	0.00058	ND		0.0022	0.00061	ND		0.0018	0.00049	ND		0.0022	0.00062	ND
sec-Butylbenzene	135-98-8	100	100	11	ND		0.001	0.00015	ND		0.0011	0.00016	ND		0.00088	0.00013	ND		0.0011	0.00016	ND
Styrene	100-42-5				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
tert-Butylbenzene	98-06-6	100	100	5.9	ND		0.0021	0.00012	ND		0.0022	0.00013	ND		0.0018	0.0001	ND		0.0022	0.00013	ND
Tetrachloroethene	127-18-4	5.5	19	1.3	ND		0.00052	0.0002	ND		0.00054	0.00021	ND		0.00044	0.00017	ND		0.00056	0.00022	ND
Toluene	108-88-3	100	100	0.7	ND		0.001	0.00056	ND		0.0011	0.00059	ND		0.00088	0.00048	ND		0.0011	0.00061	ND
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND		0.0015	0.00014	ND		0.0016	0.00015	ND		0.0013	0.00012	ND		0.0017	0.00015	ND
trans-1,3-Dichloropropene	10061-02-6				ND		0.001	0.00028	ND		0.0011	0.0003	ND		0.00088	0.00024	ND		0.0011	0.0003	ND
trans-1,4-Dichloro-2-butene	110-57-6				ND		0.0052	0.0015	ND		0.0054	0.0015	ND		0.0044	0.0012	ND		0.0056	0.0016	ND
Trichloroethene	79-01-6	10	21	0.47	ND		0.00052	0.00014	ND		0.00054	0.00015	ND		0.00044	0.00012	ND		0.00056	0.00015	ND
Trichlorofluoromethane	75-69-4				ND		0.0041	0.00072	ND		0.0043	0.00075	ND		0.0035	0.00061	ND		0.0045	0.00078	ND
Vinyl acetate	108-05-4				ND		0.01	0.0022	ND		0.011	0.0023	ND		0.0088	0.0019	ND		0.011	0.0024	ND
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND		0.001	0.00034	ND		0.0011	0.00036	ND		0.00088	0.0003	ND		0.0011	0.00037	ND
Xylenes, Total	1330-20-7	100	100	0.26	ND		0.001	0.0003	ND		0.0011	0.00031	ND		0.00088	0.00026	ND		0.0011	0.00032	ND
Total VOCs					0.01064	-	-	-	0.00759	-	-	-	0.00994	-	-	-	0.00769	-	-	-	0.0071
VOLATILE ORGANICS BY EPA 5035-TIC																					
Cyclopentane	000287-92-3				-		-	-	-		-	-	-		-	-	-		-	-	-
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	NJ	0	0	0.00627	NJ	0	0	0.00533	NJ	0	0	0.00552	NJ	0	0	0.00524
No Tentatively Identified Compounds					-		-	-	-		-	-	-		-	-	-		-	-	-
Pentane	000109-66-0				-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown					0.00305	J	0	0	0.00281	J	0	0	0.00223	J	0	0	0.0025	J	0	0	0.00224
Unknown Cycloalkane					-		-	-	-		-	-	-		-	-	-		-	-	-
Total TIC Compounds					0.00951	J	0	0	0.00908	J	0	0	0.00756	J	0	0	0.00802	J	0	0	0.00748
PERFLUORINATED ALKYL ACIDS BY EPA 1633																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-		-	-	-		-	-	-		-	-	-		-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-		-	-	-		-	-	-		-	-	-		-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-		-	-	-		-	-	-		-	-	-		-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-		-	-	-		-	-	-		-	-	-		-	-	-

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-1 (7.5-8.0)				SB-2 (5.5-6)				SB-3 (7.5-8)				SB-4 (6.5-7)				
				LAB ID:	L2242456-01				L2242456-02				L2242456-03				L2242456-04				
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022				8/6/2022				
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc
Perfluorohexanoic Acid (PFHxA)	307-24-4				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-		-	-	-		-	-	-		-	-	-		-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-		-	-	-		-	-	-		-	-	-		-	-	-
PFOA/PFOS, Total					-		-	-	-		-	-	-		-	-	-		-	-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND		0.000507	0.000291	-		-	-	-		-	-	-		-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND		0.000507	0.000182	-		-	-	-		-	-	-		-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND		0.000507	0.000086	-		-	-	-		-	-	-		-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND		0.000507	0.000204	-		-	-	-		-	-	-		-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND		0.000253	0.00004	-		-	-	-		-	-	-		-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				ND		0.000507	0.000023	-		-	-	-		-	-	-		-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND		0.000507	0.000155	-		-	-	-		-	-	-		-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				ND		0.000253	0.000068	-		-	-	-		-	-	-		-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND		0.000507	0.000071	-		-	-	-		-	-	-		-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND		0.000507	0.000138	-		-	-	-		-	-	-		-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND		0.000253	0.000046	-		-	-	-		-	-	-		-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND		0.000253	0.000061	-		-	-	-		-	-	-		-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND		0.000507	0.000053	-		-	-	-		-	-	-		-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				ND		0.000253	0.000076	-		-	-	-		-	-	-		-	-	-
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND		0.000507	0.000099	-		-	-	-		-	-	-		-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND		0.000253	0.000132	-		-	-	-		-	-	-		-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND		0.000253	0.000043	-		-	-	-		-	-	-		-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND		0.000507	0.000047	-		-	-	-		-	-	-		-	-	-
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND		0.000507	0.000055	-		-	-	-		-	-	-		-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND		0.000507	0.000207	-		-	-	-		-	-	-		-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND		0.000507	0.000047	-		-	-	-		-	-	-		-	-	-
PFOA/PFOS, Total					ND		0.000253	0.000043	-		-	-	-		-	-	-		-	-	-
SEMIVOLATILE ORGANICS BY GC/MS																					
1,2,4,5-Tetrachlorobenzene	95-94-3				ND		0.18	0.018	ND		0.2	0.02	ND		0.18	0.018	ND		0.19	0.02	ND
1,2,4-Trichlorobenzene	120-82-1				ND		0.18	0.02	ND		0.2	0.022	ND		0.18	0.02	ND		0.19	0.022	ND
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND		0.18	0.032	ND		0.2	0.035	ND		0.18	0.032	ND		0.19	0.034	ND
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND		0.18	0.03	ND		0.2	0.034	ND		0.18	0.03	ND		0.19	0.032	ND
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND		0.18	0.031	ND		0.2	0.034	ND		0.18	0.031	ND		0.19	0.033	ND
1,4-Dioxane	123-91-1	9.8	13	0.1	ND		0.026	0.0082	ND		0.029	0.009	ND		0.026	0.0081	ND		0.028	0.0086	ND
2,4,5-Trichlorophenol	95-95-4				ND		0.18	0.034	ND		0.2	0.038	ND		0.18	0.034	ND		0.19	0.036	ND
2,4,6-Trichlorophenol	88-06-2				ND		0.11	0.034	ND		0.12	0.037	ND		0.1	0.033	ND		0.11	0.036	ND
2,4-Dichlorophenol	120-83-2				ND		0.16	0.028	ND		0.18	0.032	ND		0.16	0.028	ND		0.17	0.03	ND
2,4-Dimethylphenol	105-67-9				ND		0.18	0.058	ND		0.2	0.065	ND		0.18	0.058	ND		0.19	0.062	ND
2,4-Dinitrophenol	51-28-5				ND		0.85	0.082	ND		0.94	0.091	ND		0.85	0.082	ND		0.9	0.088	ND
2,4-Dinitrotoluene	121-14-2				ND		0.18	0.035	ND		0.2	0.039	ND		0.18	0.035	ND		0.19	0.038	ND
2,6-Dinitrotoluene	606-20-2				ND		0.18	0.03	ND		0.2	0.034	ND		0.18	0.03	ND		0.19	0.032	ND
2-Chloronaphthalene	91-58-7				ND		0.18	0.018	ND		0.2	0.019	ND		0.18	0.017	ND		0.19	0.019	ND
2-Chlorophenol	95-57-8				ND		0.18	0.021	ND		0.2	0.023	ND		0.18	0.021	ND		0.19	0.022	ND
2-Methylnaphthalene	91-57-6				ND		0.21	0.021	ND		0.24	0.024	ND		0.21	0.021	ND		0.22	0.023	ND
2-Methylphenol	95-48-7	100	100	0.33	ND		0.18	0.027	ND		0.2	0.03	ND		0.18	0.027	ND		0.19	0.029	ND

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-1 (7.5-8.0)				SB-2 (5.5-6)				SB-3 (7.5-8)				SB-4 (6.5-7)				
				LAB ID:	L2242456-01				L2242456-02				L2242456-03				L2242456-04				
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022				8/6/2022				
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc
2-Nitroaniline	88-74-4				ND		0.18	0.034	ND		0.2	0.038	ND		0.18	0.034	ND		0.19	0.036	ND
2-Nitrophenol	88-75-5				ND		0.38	0.067	ND		0.42	0.074	ND		0.38	0.066	ND		0.41	0.071	ND
3,3'-Dichlorobenzidine	91-94-1				ND		0.18	0.047	ND		0.2	0.052	ND		0.18	0.047	ND		0.19	0.05	ND
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	34	100	0.33	ND		0.26	0.028	ND		0.28	0.031	ND		0.25	0.028	ND		0.27	0.029	ND
3-Nitroaniline	99-09-2				ND		0.18	0.033	ND		0.2	0.037	ND		0.18	0.033	ND		0.19	0.035	ND
4,6-Dinitro-o-cresol	534-52-1				ND		0.46	0.085	ND		0.51	0.094	ND		0.46	0.085	ND		0.49	0.09	ND
4-Bromophenyl phenyl ether	101-55-3				ND		0.18	0.027	ND		0.2	0.03	ND		0.18	0.027	ND		0.19	0.029	ND
4-Chloroaniline	106-47-8				ND		0.18	0.032	ND		0.2	0.036	ND		0.18	0.032	ND		0.19	0.034	ND
4-Chlorophenyl phenyl ether	7005-72-3				ND		0.18	0.019	ND		0.2	0.021	ND		0.18	0.019	ND		0.19	0.02	ND
4-Nitroaniline	100-01-6				ND		0.18	0.073	ND		0.2	0.081	ND		0.18	0.073	ND		0.19	0.078	ND
4-Nitrophenol	100-02-7				ND		0.25	0.072	ND		0.27	0.08	ND		0.25	0.072	ND		0.26	0.077	ND
Acenaphthene	83-32-9	100	100	20	ND		0.14	0.018	ND		0.16	0.02	ND		0.14	0.018	ND		0.15	0.019	ND
Acenaphthylene	208-96-8	100	100	100	ND		0.14	0.027	ND		0.16	0.03	ND		0.14	0.027	ND		0.15	0.029	ND
Acetophenone	98-86-2				ND		0.18	0.022	ND		0.2	0.024	ND		0.18	0.022	ND		0.19	0.023	ND
Anthracene	120-12-7	100	100	100	ND		0.11	0.034	ND		0.12	0.038	ND		0.1	0.034	ND		0.11	0.037	ND
Benzo(a)anthracene	56-55-3	1	1	1	ND		0.11	0.02	ND		0.12	0.022	ND		0.1	0.02	ND		0.11	0.021	ND
Benzo(a)pyrene	50-32-8	1	1	1	ND		0.14	0.043	ND		0.16	0.048	ND		0.14	0.043	ND		0.15	0.046	ND
Benzo(b)fluoranthene	205-99-2	1	1	1	ND		0.11	0.03	ND		0.12	0.033	ND		0.1	0.03	ND		0.11	0.032	ND
Benzo(ghi)perylene	191-24-2	100	100	100	ND		0.14	0.021	ND		0.16	0.023	ND		0.14	0.021	ND		0.15	0.022	ND
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND		0.11	0.028	ND		0.12	0.031	ND		0.1	0.028	ND		0.11	0.03	ND
Benzoic Acid	65-85-0				ND		0.57	0.18	ND		0.64	0.2	ND		0.57	0.18	ND		0.61	0.19	ND
Benzyl Alcohol	100-51-6				ND		0.18	0.054	ND		0.2	0.06	ND		0.18	0.054	ND		0.19	0.058	ND
Biphenyl	92-52-4				ND		0.4	0.023	ND		0.45	0.025	ND		0.4	0.023	ND		0.43	0.024	ND
Bis(2-chloroethoxy)methane	111-91-1				ND		0.19	0.018	ND		0.21	0.02	ND		0.19	0.018	ND		0.2	0.019	ND
Bis(2-chloroethyl)ether	111-44-4				ND		0.16	0.024	ND		0.18	0.026	ND		0.16	0.024	ND		0.17	0.025	ND
Bis(2-chloroisopropyl)ether	108-60-1				ND		0.21	0.03	ND		0.24	0.033	ND		0.21	0.03	ND		0.22	0.032	ND
Bis(2-ethylhexyl)phthalate	117-81-7				ND		0.18	0.061	ND		0.2	0.068	ND		0.18	0.061	ND		0.19	0.065	ND
Butyl benzyl phthalate	85-68-7				ND		0.18	0.045	ND		0.2	0.049	ND		0.18	0.044	ND		0.19	0.047	ND
Carbazole	86-74-8				ND		0.18	0.017	ND		0.2	0.019	ND		0.18	0.017	ND		0.19	0.018	ND
Chrysene	218-01-9	1	3.9	1	ND		0.11	0.018	ND		0.12	0.02	ND		0.1	0.018	ND		0.11	0.02	ND
Di-n-butylphthalate	84-74-2				ND		0.18	0.034	ND		0.2	0.037	ND		0.18	0.033	ND		0.19	0.036	ND
Di-n-octylphthalate	117-84-0				ND		0.18	0.06	ND		0.2	0.067	ND		0.18	0.06	ND		0.19	0.064	ND
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	ND		0.11	0.02	ND		0.12	0.023	ND		0.1	0.02	ND		0.11	0.022	ND
Dibenzofuran	132-64-9	14	59	7	ND		0.18	0.017	ND		0.2	0.018	ND		0.18	0.017	ND		0.19	0.018	ND
Diethyl phthalate	84-66-2				ND		0.18	0.016	ND		0.2	0.018	ND		0.18	0.016	ND		0.19	0.017	ND
Dimethyl phthalate	131-11-3				ND		0.18	0.037	ND		0.2	0.041	ND		0.18	0.037	ND		0.19	0.039	ND
Fluoranthene	206-44-0	100	100	100	ND		0.11	0.02	ND		0.12	0.022	ND		0.1	0.02	ND		0.11	0.022	ND
Fluorene	86-73-7	100	100	30	ND		0.18	0.017	ND		0.2	0.019	ND		0.18	0.017	ND		0.19	0.018	ND
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND		0.11	0.02	ND		0.12	0.022	ND		0.1	0.02	ND		0.11	0.021	ND
Hexachlorobutadiene	87-68-3				ND		0.18	0.026	ND		0.2	0.029	ND		0.18	0.026	ND		0.19	0.028	ND
Hexachlorocyclopentadiene	77-47-4				ND		0.51	0.16	ND		0.56	0.18	ND		0.5	0.16	ND		0.54	0.17	ND
Hexachloroethane	67-72-1				ND		0.14	0.029	ND		0.16	0.032	ND		0.14	0.028	ND		0.15	0.03	ND
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	ND		0.14	0.025	ND		0.16	0.027	ND		0.14	0.024	ND		0.15	0.026	ND
Isophorone	78-59-1				ND		0.16	0.023	ND		0.18	0.025	ND		0.16	0.023	ND		0.17	0.024	ND
n-Nitrosodi-n-propylamine	621-64-7				ND		0.18	0.027	ND		0.2	0.03	ND		0.18	0.027	ND		0.19	0.029	ND
Naphthalene	91-20-3	100	100	12	ND		0.18	0.022	ND		0.2	0.024	ND		0.18	0.021	ND		0.19	0.023	ND
NDPA/DPA	86-30-6				ND		0.14	0.02	ND		0.16	0.022	ND		0.14	0.02	ND		0.15	0.021	ND
Nitrobenzene	98-95-3				ND		0.16	0.026	ND		0.18	0.029	ND		0.16	0.026	ND		0.17	0.028	ND
p-Chloro-m-cresol	59-50-7				ND		0.18	0.026	ND		0.2	0.029	ND		0.18	0.026	ND		0.19	0.028	ND
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND		0.14	0.039	ND		0.16	0.043	ND		0.14	0.039	ND		0.15	0.041	ND
Phenanthrene	85-01-8	100	100	100	ND		0.11	0.022	ND		0.12	0.024	ND		0.1	0.021	ND		0.11	0.023	ND

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-1 (7.5-8.0)				SB-2 (5.5-6)				SB-3 (7.5-8)				SB-4 (6.5-7)				
				LAB ID:	L2242456-01				L2242456-02				L2242456-03				L2242456-04				
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022				8/6/2022				
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc
Phenol	108-95-2	100	100	0.33	ND		0.18	0.027	ND		0.2	0.03	ND		0.18	0.027	ND		0.19	0.028	ND
Pyrene	129-00-0	100	100	100	ND		0.11	0.018	ND		0.12	0.019	ND		0.1	0.018	ND		0.11	0.019	ND
Total SVOCs					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																					
No Tentatively Identified Compounds					ND		0	0	ND		0	0	ND		0	0	ND		0	0	ND
Unknown					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown Alcohol					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown Ketone					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown Ketone					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown Ketone					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown PAH					-		-	-	-		-	-	-		-	-	-		-	-	-
Unknown Thiophene					-		-	-	-		-	-	-		-	-	-		-	-	-
Total TIC Compounds					-		-	-	-		-	-	-		-	-	-		-	-	-
ORGANOCHLORINE PESTICIDES BY GC																					
4,4'-DDD	72-54-8	2.6	13	0.0033	ND		0.0017	0.000605	ND		0.00188	0.000669	ND		0.00166	0.00059	ND		0.00176	0.000628	ND
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND		0.0017	0.000392	ND		0.00188	0.000434	ND		0.00166	0.000383	ND		0.00176	0.000408	ND
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND		0.0017	0.00136	ND		0.00188	0.00151	ND		0.00166	0.00133	ND		0.00176	0.00142	ND
Aldrin	309-00-2	0.019	0.097	0.005	ND		0.0017	0.000597	ND		0.00188	0.00066	ND		0.00166	0.000583	ND		0.00176	0.00062	ND
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND		0.000706	0.000201	ND		0.000781	0.000222	ND		0.00069	0.000196	ND		0.000734	0.000208	ND
Beta-BHC	319-85-7	0.072	0.36	0.036	ND		0.0017	0.000643	ND		0.00188	0.000711	ND		0.00166	0.000628	ND		0.00176	0.000668	ND
Chlordane	57-74-9				ND		0.0141	0.00562	ND		0.0156	0.00621	ND		0.0138	0.00548	ND		0.0147	0.00584	ND
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND		0.00212	0.00059	ND		0.00234	0.000653	ND		0.00207	0.000577	ND		0.0022	0.000614	ND
Delta-BHC	319-86-8	100	100	0.04	ND		0.0017	0.000332	ND		0.00188	0.000367	ND		0.00166	0.000324	ND		0.00176	0.000345	ND
Dieldrin	60-57-1	0.039	0.2	0.005	ND		0.00106	0.00053	ND		0.00117	0.000586	ND		0.00103	0.000517	ND		0.0011	0.000551	ND
Endosulfan I	959-98-8	4.8	24	2.4	ND		0.0017	0.0004	ND		0.00188	0.000443	ND		0.00166	0.000391	ND		0.00176	0.000416	ND
Endosulfan II	33213-65-9	4.8	24	2.4	ND		0.0017	0.000566	ND		0.00188	0.000626	ND		0.00166	0.000553	ND		0.00176	0.000589	ND
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND		0.000706	0.000336	ND		0.000781	0.000372	ND		0.00069	0.000328	ND		0.000734	0.00035	ND
Endrin	72-20-8	2.2	11	0.014	ND		0.000706	0.00029	ND		0.000781	0.00032	ND		0.00069	0.000283	ND		0.000734	0.000301	ND
Endrin aldehyde	7421-93-4				ND		0.00212	0.000742	ND		0.00234	0.00082	ND		0.00207	0.000724	ND		0.0022	0.000771	ND
Endrin ketone	53494-70-5				ND		0.0017	0.000436	ND		0.00188	0.000483	ND		0.00166	0.000426	ND		0.00176	0.000454	ND
Heptachlor	76-44-8	0.42	2.1	0.042	ND		0.000848	0.00038	ND		0.000938	0.00042	ND		0.000828	0.000371	ND		0.000881	0.000395	ND
Heptachlor epoxide	1024-57-3				ND		0.00318	0.000954	ND		0.00352	0.00105	ND		0.0031	0.000931	ND		0.0033	0.000991	ND
Lindane	58-89-9	0.28	1.3	0.1	ND		0.000706	0.000316	ND		0.000781	0.000349	ND		0.00069	0.000308	ND		0.000734	0.000328	ND
Methoxychlor	72-43-5				ND		0.00318	0.000989	ND		0.00352	0.00109	ND		0.0031	0.000966	ND		0.0033	0.00103	ND
Toxaphene	8001-35-2				ND		0.0318	0.0089	ND		0.0352	0.00984	ND		0.031	0.00869	ND		0.033	0.00925	ND
trans-Chlordane	5103-74-2				ND		0.00212	0.000559	ND		0.00234	0.000619	ND		0.00207	0.000546	ND		0.0022	0.000582	ND
POLYCHLORINATED BIPHENYLS BY GC																					

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-1 (7.5-8.0)				SB-2 (5.5-6)				SB-3 (7.5-8)				SB-4 (6.5-7)				
				LAB ID:	L2242456-01				L2242456-02				L2242456-03				L2242456-04				
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022				8/6/2022				
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc
Aroclor 1016	12674-11-2	1	1	0.1	ND		0.0339	0.00301	ND		0.0375	0.00333	ND		0.0336	0.00298	ND		0.0367	0.00326	ND
Aroclor 1221	11104-28-2	1	1	0.1	ND		0.0339	0.0034	ND		0.0375	0.00376	ND		0.0336	0.00336	ND		0.0367	0.00368	ND
Aroclor 1232	11141-16-5	1	1	0.1	ND		0.0339	0.00718	ND		0.0375	0.00795	ND		0.0336	0.00711	ND		0.0367	0.00778	ND
Aroclor 1242	53469-21-9	1	1	0.1	ND		0.0339	0.00457	ND		0.0375	0.00506	ND		0.0336	0.00452	ND		0.0367	0.00494	ND
Aroclor 1248	12672-29-6	1	1	0.1	ND		0.0339	0.00508	ND		0.0375	0.00562	ND		0.0336	0.00503	ND		0.0367	0.0055	ND
Aroclor 1254	11097-69-1	1	1	0.1	ND		0.0339	0.00371	ND		0.0375	0.0041	ND		0.0336	0.00367	ND		0.0367	0.00401	ND
Aroclor 1260	11096-82-5	1	1	0.1	ND		0.0339	0.00626	ND		0.0375	0.00693	ND		0.0336	0.0062	ND		0.0367	0.00678	ND
Aroclor 1262	37324-23-5	1	1	0.1	ND		0.0339	0.0043	ND		0.0375	0.00476	ND		0.0336	0.00426	ND		0.0367	0.00466	ND
Aroclor 1268	11100-14-4	1	1	0.1	ND		0.0339	0.00351	ND		0.0375	0.00388	ND		0.0336	0.00348	ND		0.0367	0.0038	ND
PCBs, Total	1336-36-3	1	1	0.1	ND		0.0339	0.00301	ND		0.0375	0.00333	ND		0.0336	0.00298	ND		0.0367	0.00326	ND
TOTAL METALS																					
Aluminum, Total	7429-90-5				8950		8.47	2.29	7700		9.36	2.53	7600		8.1	2.19	7910		8.99	2.43	9020
Antimony, Total	7440-36-0				ND		4.24	0.322	ND		4.68	0.356	ND		4.05	0.308	ND		4.5	0.342	ND
Arsenic, Total	7440-38-2	16	16	13	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
Barium, Total	7440-39-3	350	400	350	49		0.847	0.147	45.6		0.936	0.163	63.9		0.81	0.141	45		0.899	0.156	58.7
Beryllium, Total	7440-41-7	14	72	7.2	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
Cadmium, Total	7440-43-9	2.5	4.3	2.5	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
Calcium, Total	7440-70-2				611		8.47	2.97	1180		9.36	3.28	390		8.1	2.83	1060		8.99	3.15	1170
Chromium, Total	7440-47-3				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
Cobalt, Total	7440-48-4				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
Copper, Total	7440-50-8	270	270	50	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
Iron, Total	7439-89-6				12400		4.24	0.765	10900		4.68	0.845	12800		4.05	0.731	11600		4.5	0.812	14800
Lead, Total	7439-92-1	400	400	63	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
Magnesium, Total	7439-95-4				2010		8.47	1.3	1940		9.36	1.44	2260		8.1	1.25	1990		8.99	1.38	2780
Manganese, Total	7439-96-5	2000	2000	1600	290		0.847	0.135	157		0.936	0.149	445		0.81	0.129	150		0.899	0.143	236
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND		0.069	0.045	0.17		0.075	0.049	ND		0.068	0.044	ND		0.077	0.05	ND
Nickel, Total	7440-02-0	140	310	30	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
Potassium, Total	7440-09-7				2380		212	12.2	661		234	13.5	2970		202	11.7	327		225	12.9	2060
Selenium, Total	7782-49-2	36	180	3.9	ND		1.69	0.219	ND		1.87	0.241	ND		1.62	0.209	ND		1.8	0.232	ND
Silver, Total	7440-22-4	36	180	2	ND		0.847	0.24	ND		0.936	0.265	ND		0.81	0.229	ND		0.899	0.254	ND
Sodium, Total	7440-23-5				141	J	169	2.67	215		187	2.95	99.8	J	162	2.55	146	J	180	2.83	413
Thallium, Total	7440-28-0				ND		1.69	0.267	ND		1.87	0.295	ND		1.62	0.255	ND		1.8	0.283	ND
Vanadium, Total	7440-62-2				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
Zinc, Total	7440-66-6	2200	10000	109	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
GENERAL CHEMISTRY																					
Cyanide, Total	57-12-5	27	27	27	ND		1	0.22	0.64	J	1.1	0.23	ND		1	0.22	ND		1.1	0.23	ND
Solids, Total	NONE				93.5		0.1	NA	84.6		0.1	NA	93.9		0.1	NA	87.3		0.1	NA	90.6

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-5 (6.5-7)				SB-6 (8.0-8.5)				SB-7 (6.5-7)			
				LAB ID:	L2242456-05				L2242456-06				L2242456-07			
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022			
				SAMPLE DEPTH:												
				SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES												
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																
1,1,1,2-Tetrachloroethane	630-20-6				ND		0.00049	0.00013	ND		0.00046	0.00012	ND		0.00055	0.00015
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND		0.00049	0.00016	ND		0.00046	0.00015	ND		0.00055	0.00018
1,1,2,2-Tetrachloroethane	79-34-5				ND		0.00049	0.00016	ND		0.00046	0.00015	ND		0.00055	0.00018
1,1,2-Trichloroethane	79-00-5				ND		0.00098	0.00026	ND		0.00092	0.00024	ND		0.0011	0.0003
1,1-Dichloroethane	75-34-3	19	26	0.27	ND		0.00098	0.00014	ND		0.00092	0.00013	ND		0.0011	0.00016
1,1-Dichloroethene	75-35-4	100	100	0.33	ND		0.00098	0.00023	ND		0.00092	0.00022	ND		0.0011	0.00026
1,1-Dichloropropene	563-58-6				ND		0.00049	0.00016	ND		0.00046	0.00015	ND		0.00055	0.00018
1,2,3-Trichlorobenzene	87-61-6				ND		0.002	0.00032	ND		0.0018	0.0003	ND		0.0022	0.00036
1,2,3-Trichloropropane	96-18-4				ND		0.002	0.00012	ND		0.0018	0.00012	ND		0.0022	0.00014
1,2,4,5-Tetramethylbenzene	95-93-2				ND		0.002	0.00019	ND		0.0018	0.00018	ND		0.0022	0.00021
1,2,4-Trichlorobenzene	120-82-1				ND		0.002	0.00027	ND		0.0018	0.00025	ND		0.0022	0.0003
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND		0.002	0.00033	ND		0.0018	0.00031	ND		0.0022	0.00037
1,2-Dibromo-3-chloropropane	96-12-8				ND		0.0029	0.00098	ND		0.0028	0.00092	ND		0.0033	0.0011
1,2-Dibromoethane	106-93-4				ND		0.00098	0.00027	ND		0.00092	0.00026	ND		0.0011	0.00031
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND		0.002	0.00014	ND		0.0018	0.00013	ND		0.0022	0.00016
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND		0.00098	0.00025	ND		0.00092	0.00024	ND		0.0011	0.00028
1,2-Dichloroethene, Total	540-59-0				ND		0.00098	0.00013	ND		0.00092	0.00012	ND		0.0011	0.00015
1,2-Dichloropropane	78-87-5				ND		0.00098	0.00012	ND		0.00092	0.00011	ND		0.0011	0.00014
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND		0.002	0.00019	ND		0.0018	0.00018	ND		0.0022	0.00021
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND		0.002	0.00014	ND		0.0018	0.00014	ND		0.0022	0.00016
1,3-Dichloropropane	142-28-9				ND		0.002	0.00016	ND		0.0018	0.00015	ND		0.0022	0.00018
1,3-Dichloropropene, Total	542-75-6				ND		0.00049	0.00015	ND		0.00046	0.00014	ND		0.00055	0.00017
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND		0.002	0.00017	ND		0.0018	0.00016	ND		0.0022	0.00019
1,4-Dioxane	123-91-1	9.8	13	0.1	ND		0.078	0.034	ND		0.074	0.032	ND		0.088	0.039
2,2-Dichloropropane	594-20-7				ND		0.002	0.0002	ND		0.0018	0.00018	ND		0.0022	0.00022
2-Butanone	78-93-3	100	100	0.12	ND		0.0098	0.0022	ND		0.0092	0.002	ND		0.011	0.0024
2-Hexanone	591-78-6				ND		0.0098	0.0012	ND		0.0092	0.0011	ND		0.011	0.0013
4-Methyl-2-pentanone	108-10-1				ND		0.0098	0.0012	ND		0.0092	0.0012	ND		0.011	0.0014
Acetone	67-64-1	100	100	0.05	0.01	J	0.0098	0.0047	0.0094		0.0092	0.0044	ND		0.011	0.0053
Acrylonitrile	107-13-1				ND		0.0039	0.0011	ND		0.0037	0.001	ND		0.0044	0.0013
Benzene	71-43-2	2.9	4.8	0.06	ND		0.00049	0.00016	ND		0.00046	0.00015	ND		0.00055	0.00018
Bromobenzene	108-86-1				ND		0.002	0.00014	ND		0.0018	0.00013	ND		0.0022	0.00016
Bromochloromethane	74-97-5				ND		0.002	0.0002	ND		0.0018	0.00019	ND		0.0022	0.00023
Bromodichloromethane	75-27-4				ND		0.00049	0.00011	ND		0.00046	0.0001	ND		0.00055	0.00012
Bromoform	75-25-2				ND		0.0039	0.00024	ND		0.0037	0.00023	ND		0.0044	0.00027
Bromomethane	74-83-9				ND		0.002	0.00057	ND		0.0018	0.00053	ND		0.0022	0.00064
Carbon disulfide	75-15-0				ND		0.0098	0.0045	ND		0.0092	0.0042	ND		0.011	0.005
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND		0.00098	0.00022	ND		0.00092	0.00021	ND		0.0011	0.00025
Chlorobenzene	108-90-7	100	100	1.1	ND		0.00049	0.00012	ND		0.00046	0.00012	ND		0.00055	0.00014
Chloroethane	75-00-3				ND		0.002	0.00044	ND		0.0018	0.00042	ND		0.0022	0.0005
Chloroform	67-66-3	10	49	0.37	ND		0.0015	0.00014	ND		0.0014	0.00013	ND		0.0016	0.00015
Chloromethane	74-87-3				ND		0.0039	0.00091	ND		0.0037	0.00086	ND		0.0044	0.001
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND		0.00098	0.00017	ND		0.00092	0.00016	ND		0.0011	0.00019
cis-1,3-Dichloropropene	10061-01-5				ND		0.00049	0.00015	ND		0.00046	0.00014	ND		0.00055	0.00017
Dibromochloromethane	124-48-1				ND		0.00098	0.00014	ND		0.00092	0.00013	ND		0.0011	0.00015
Dibromomethane	74-95-3				ND		0.002	0.00023	ND		0.0018	0.00022	ND		0.0022	0.00026
Dichlorodifluoromethane	75-71-8				ND		0.0098	0.0009	ND		0.0092	0.00084	ND		0.011	0.001
Ethyl ether	60-29-7				ND		0.002	0.00033	ND		0.0018	0.00031	ND		0.0022	0.00038
Ethylbenzene	100-41-4	30	41	1	ND		0.00098	0.00014	ND		0.00092	0.00013	ND		0.0011	0.00016

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-5 (6.5-7)				SB-6 (8.0-8.5)				SB-7 (6.5-7)			
				LAB ID:	L2242456-05				L2242456-06				L2242456-07			
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022			
				SAMPLE DEPTH:												
				SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES												
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Hexachlorobutadiene	87-68-3				ND		0.0039	0.00016	ND		0.0037	0.00016	ND		0.0044	0.00019
Isopropylbenzene	98-82-8				ND		0.00098	0.00011	ND		0.00092	0.0001	ND		0.0011	0.00012
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND		0.002	0.0002	ND		0.0018	0.00018	ND		0.0022	0.00022
Methylene chloride	75-09-2	51	100	0.05	ND		0.0049	0.0022	ND		0.0046	0.0021	ND		0.0055	0.0025
n-Butylbenzene	104-51-8	100	100	12	ND		0.00098	0.00016	ND		0.00092	0.00015	ND		0.0011	0.00018
n-Propylbenzene	103-65-1	100	100	3.9	ND		0.00098	0.00017	ND		0.00092	0.00016	ND		0.0011	0.00019
Naphthalene	91-20-3	100	100	12	ND		0.0039	0.00064	ND		0.0037	0.0006	ND		0.0044	0.00072
o-Chlorotoluene	95-49-8				ND		0.002	0.00019	ND		0.0018	0.00018	ND		0.0022	0.00021
o-Xylene	95-47-6				ND		0.00098	0.00028	ND		0.00092	0.00027	ND		0.0011	0.00032
p-Chlorotoluene	106-43-4				ND		0.002	0.0001	ND		0.0018	0.0001	ND		0.0022	0.00012
p-Diethylbenzene	105-05-5				ND		0.002	0.00017	ND		0.0018	0.00016	ND		0.0022	0.0002
p-Ethyltoluene	622-96-8				ND		0.002	0.00038	ND		0.0018	0.00035	ND		0.0022	0.00042
p-Isopropyltoluene	99-87-6				ND		0.00098	0.00011	ND		0.00092	0.0001	ND		0.0011	0.00012
p/m-Xylene	179601-23-1				ND		0.002	0.00055	ND		0.0018	0.00051	ND		0.0022	0.00062
sec-Butylbenzene	135-98-8	100	100	11	ND		0.00098	0.00014	ND		0.00092	0.00013	ND		0.0011	0.00016
Styrene	100-42-5				0.00064	J	0.00098	0.00019	0.00056	J	0.00092	0.00018	ND		0.0011	0.00022
tert-Butylbenzene	98-06-6	100	100	5.9	ND		0.002	0.00012	ND		0.0018	0.00011	ND		0.0022	0.00013
Tetrachloroethene	127-18-4	5.5	19	1.3	ND		0.00049	0.00019	ND		0.00046	0.00018	ND		0.00055	0.00022
Toluene	108-88-3	100	100	0.7	ND		0.00098	0.00053	ND		0.00092	0.0005	ND		0.0011	0.0006
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND		0.0015	0.00013	ND		0.0014	0.00012	ND		0.0016	0.00015
trans-1,3-Dichloropropene	10061-02-6				ND		0.00098	0.00027	ND		0.00092	0.00025	ND		0.0011	0.0003
trans-1,4-Dichloro-2-butene	110-57-6				ND		0.0049	0.0014	ND		0.0046	0.0013	ND		0.0055	0.0016
Trichloroethene	79-01-6	10	21	0.47	ND		0.00049	0.00013	ND		0.00046	0.00012	ND		0.00055	0.00015
Trichlorofluoromethane	75-69-4				ND		0.0039	0.00068	ND		0.0037	0.00064	ND		0.0044	0.00077
Vinyl acetate	108-05-4				ND		0.0098	0.0021	ND		0.0092	0.002	ND		0.011	0.0024
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND		0.00098	0.00033	ND		0.00092	0.00031	ND		0.0011	0.00037
Xylenes, Total	1330-20-7	100	100	0.26	ND		0.00098	0.00028	ND		0.00092	0.00027	ND		0.0011	0.00032
Total VOCs					0.01064	-	-	-	0.00996	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																
Cyclopentane	000287-92-3				-		-	-	-		-	-	-		-	-
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	NJ	0	0	0.00538	NJ	0	0	0.00642	NJ	0	0
No Tentatively Identified Compounds					-		-	-	-		-	-	-		-	-
Pentane	000109-66-0				-		-	-	-		-	-	-		-	-
Unknown					-		-	-	-		-	-	-		-	-
Unknown					-		-	-	-		-	-	-		-	-
Unknown					0.00305	J	0	0	0.00238	J	0	0	0.00294	J	0	0
Unknown Cycloalkane					-		-	-	-		-	-	-		-	-
Total TIC Compounds					0.00951	J	0	0	0.00776	J	0	0	0.00936	J	0	0
PERFLUORINATED ALKYL ACIDS BY EPA 1633																
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-		-	-	-		-	-	-		-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-		-	-	-		-	-	-		-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				-		-	-	-		-	-	-		-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-		-	-	-		-	-	-		-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				-		-	-	-		-	-	-		-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				-		-	-	-		-	-	-		-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-		-	-	-		-	-	-		-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-		-	-	-		-	-	-		-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-		-	-	-		-	-	-		-	-

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-5 (6.5-7)				SB-6 (8.0-8.5)				SB-7 (6.5-7)			
				LAB ID:	L2242456-05				L2242456-06				L2242456-07			
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022			
				SAMPLE DEPTH:												
				SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES												
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorohexanoic Acid (PFHxA)	307-24-4				-		-	-	-		-	-	-		-	-
Perfluorononanoic Acid (PFNA)	375-95-1				-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-		-	-	-		-	-	-		-	-
Perfluorooctanoic Acid (PFOA)	335-67-1				-		-	-	-		-	-	-		-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-		-	-	-		-	-	-		-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-		-	-	-		-	-	-		-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-		-	-	-		-	-	-		-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-		-	-	-		-	-	-		-	-
PFOA/PFOS, Total					-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND		-	-	-		-	-	-		-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND		-	-	-		-	-	-		-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				ND		-	-	-		-	-	-		-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND		-	-	-		-	-	-		-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				ND		-	-	-		-	-	-		-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND		-	-	-		-	-	-		-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND		-	-	-		-	-	-		-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND		-	-	-		-	-	-		-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND		-	-	-		-	-	-		-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND		-	-	-		-	-	-		-	-
Perfluorononanoic Acid (PFNA)	375-95-1				ND		-	-	-		-	-	-		-	-
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND		-	-	-		-	-	-		-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND		-	-	-		-	-	-		-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND		-	-	-		-	-	-		-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND		-	-	-		-	-	-		-	-
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND		-	-	-		-	-	-		-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND		-	-	-		-	-	-		-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND		-	-	-		-	-	-		-	-
PFOA/PFOS, Total					ND		-	-	-		-	-	-		-	-
SEMIVOLATILE ORGANICS BY GC/MS																
1,2,4,5-Tetrachlorobenzene	95-94-3				ND		0.18	0.019	ND		0.18	0.019	ND		0.2	0.021
1,2,4-Trichlorobenzene	120-82-1				ND		0.18	0.021	ND		0.18	0.02	ND		0.2	0.023
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND		0.18	0.033	ND		0.18	0.032	ND		0.2	0.036
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND		0.18	0.031	ND		0.18	0.031	ND		0.2	0.034
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND		0.18	0.032	ND		0.18	0.031	ND		0.2	0.035
1,4-Dioxane	123-91-1	9.8	13	0.1	ND		0.027	0.0084	ND		0.027	0.0083	ND		0.03	0.0092
2,4,5-Trichlorophenol	95-95-4				ND		0.18	0.035	ND		0.18	0.034	ND		0.2	0.038
2,4,6-Trichlorophenol	88-06-2				ND		0.11	0.034	ND		0.11	0.034	ND		0.12	0.038
2,4-Dichlorophenol	120-83-2				ND		0.16	0.029	ND		0.16	0.029	ND		0.18	0.032
2,4-Dimethylphenol	105-67-9				ND		0.18	0.06	ND		0.18	0.059	ND		0.2	0.066
2,4-Dinitrophenol	51-28-5				ND		0.87	0.085	ND		0.86	0.084	ND		0.96	0.093
2,4-Dinitrotoluene	121-14-2				ND		0.18	0.036	ND		0.18	0.036	ND		0.2	0.04
2,6-Dinitrotoluene	606-20-2				ND		0.18	0.031	ND		0.18	0.031	ND		0.2	0.034
2-Chloronaphthalene	91-58-7				ND		0.18	0.018	ND		0.18	0.018	ND		0.2	0.02
2-Chlorophenol	95-57-8				ND		0.18	0.021	ND		0.18	0.021	ND		0.2	0.024
2-Methylnaphthalene	91-57-6				ND		0.22	0.022	ND		0.22	0.022	ND		0.24	0.024
2-Methylphenol	95-48-7	100	100	0.33	ND		0.18	0.028	ND		0.18	0.028	ND		0.2	0.031

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-5 (6.5-7)				SB-6 (8.0-8.5)				SB-7 (6.5-7)			
				LAB ID:	L2242456-05				L2242456-06				L2242456-07			
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022			
				SAMPLE DEPTH:												
				SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES												
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
2-Nitroaniline	88-74-4				ND		0.18	0.035	ND		0.18	0.035	ND		0.2	0.039
2-Nitrophenol	88-75-5				ND		0.39	0.068	ND		0.39	0.068	ND		0.43	0.075
3,3'-Dichlorobenzidine	91-94-1				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	34	100	0.33	ND		0.26	0.028	ND		0.26	0.028	ND		0.29	0.031
3-Nitroaniline	99-09-2				ND		0.18	0.034	ND		0.18	0.034	ND		0.2	0.038
4,6-Dinitro-o-cresol	534-52-1				ND		0.47	0.087	ND		0.47	0.086	ND		0.52	0.096
4-Bromophenyl phenyl ether	101-55-3				ND		0.18	0.028	ND		0.18	0.027	ND		0.2	0.031
4-Chloroaniline	106-47-8				ND		0.18	0.033	ND		0.18	0.033	ND		0.2	0.036
4-Chlorophenyl phenyl ether	7005-72-3				ND		0.18	0.019	ND		0.18	0.019	ND		0.2	0.021
4-Nitroaniline	100-01-6				ND		0.18	0.075	ND		0.18	0.074	ND		0.2	0.083
4-Nitrophenol	100-02-7				ND		0.25	0.074	ND		0.25	0.073	ND		0.28	0.082
Acenaphthene	83-32-9	100	100	20	ND		0.14	0.019	ND		0.14	0.019	ND		0.16	0.021
Acenaphthylene	208-96-8	100	100	100	ND		0.14	0.028	ND		0.14	0.028	ND		0.16	0.031
Acetophenone	98-86-2				ND		0.18	0.022	ND		0.18	0.022	ND		0.2	0.025
Anthracene	120-12-7	100	100	100	ND		0.11	0.035	ND		0.11	0.035	ND		0.12	0.039
Benzo(a)anthracene	56-55-3	1	1	1	ND		0.11	0.02	ND		0.11	0.02	ND		0.12	0.022
Benzo(a)pyrene	50-32-8	1	1	1	ND		0.14	0.044	ND		0.14	0.044	ND		0.16	0.049
Benzo(b)fluoranthene	205-99-2	1	1	1	ND		0.11	0.03	ND		0.11	0.03	ND		0.12	0.034
Benzo(ghi)perylene	191-24-2	100	100	100	ND		0.14	0.021	ND		0.14	0.021	ND		0.16	0.024
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND		0.11	0.029	ND		0.11	0.029	ND		0.12	0.032
Benzoic Acid	65-85-0				ND		0.59	0.18	ND		0.58	0.18	ND		0.65	0.2
Benzyl Alcohol	100-51-6				ND		0.18	0.056	ND		0.18	0.055	ND		0.2	0.061
Biphenyl	92-52-4				ND		0.41	0.024	ND		0.41	0.023	ND		0.46	0.026
Bis(2-chloroethoxy)methane	111-91-1				ND		0.2	0.018	ND		0.19	0.018	ND		0.22	0.02
Bis(2-chloroethyl)ether	111-44-4				ND		0.16	0.025	ND		0.16	0.024	ND		0.18	0.027
Bis(2-chloroisopropyl)ether	108-60-1				ND		0.22	0.031	ND		0.22	0.031	ND		0.24	0.034
Bis(2-ethylhexyl)phthalate	117-81-7				ND		0.18	0.063	ND		0.18	0.062	ND		0.2	0.069
Butyl benzyl phthalate	85-68-7				ND		0.18	0.046	ND		0.18	0.045	ND		0.2	0.05
Carbazole	86-74-8				ND		0.18	0.018	ND		0.18	0.017	ND		0.2	0.019
Chrysene	218-01-9	1	3.9	1	ND		0.11	0.019	ND		0.11	0.019	ND		0.12	0.021
Di-n-butylphthalate	84-74-2				ND		0.18	0.034	ND		0.18	0.034	ND		0.2	0.038
Di-n-octylphthalate	117-84-0				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	0.33	ND		0.11	0.021	ND		0.11	0.021	ND		0.12	0.023
Dibenzofuran	132-64-9	14	59	7	ND		0.18	0.017	ND		0.18	0.017	ND		0.2	0.019
Diethyl phthalate	84-66-2				ND		0.18	0.017	ND		0.18	0.017	ND		0.2	0.018
Dimethyl phthalate	131-11-3				ND		0.18	0.038	ND		0.18	0.038	ND		0.2	0.042
Fluoranthene	206-44-0	100	100	100	ND		0.11	0.021	ND		0.11	0.021	ND		0.12	0.023
Fluorene	86-73-7	100	100	30	ND		0.18	0.018	ND		0.18	0.017	ND		0.2	0.019
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND		0.11	0.02	ND		0.11	0.02	ND		0.12	0.022
Hexachlorobutadiene	87-68-3				ND		0.18	0.026	ND		0.18	0.026	ND		0.2	0.029
Hexachlorocyclopentadiene	77-47-4				ND		0.52	0.16	ND		0.51	0.16	ND		0.57	0.18
Hexachloroethane	67-72-1				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	0.5	0.5	ND		0.14	0.025	ND		0.14	0.025	ND		0.16	0.028
Isophorone	78-59-1				ND		0.16	0.024	ND		0.16	0.023	ND		0.18	0.026
n-Nitrosodi-n-propylamine	621-64-7				ND		0.18	0.028	ND		0.18	0.028	ND		0.2	0.031
Naphthalene	91-20-3	100	100	12	ND		0.18	0.022	ND		0.18	0.022	ND		0.2	0.024
NDPA/DPA	86-30-6				ND		0.14	0.021	ND		0.14	0.02	ND		0.16	0.023
Nitrobenzene	98-95-3				ND		0.16	0.027	ND		0.16	0.027	ND		0.18	0.03
p-Chloro-m-cresol	59-50-7				ND		0.18	0.027	ND		0.18	0.027	ND		0.2	0.03
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND		0.14	0.04	ND		0.14	0.04	ND		0.16	0.044
Phenanthrene	85-01-8	100	100	100	ND		0.11	0.022	ND		0.11	0.022	ND		0.12	0.024

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-5 (6.5-7)				SB-6 (8.0-8.5)				SB-7 (6.5-7)			
				LAB ID:	L2242456-05				L2242456-06				L2242456-07			
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022			
				SAMPLE DEPTH:												
				SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES												
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Phenol	108-95-2	100	100	0.33	ND		0.18	0.027	ND		0.18	0.027	ND		0.2	0.03
Pyrene	129-00-0	100	100	100	ND		0.11	0.018	ND		0.11	0.018	ND		0.12	0.02
Total SVOCs					-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																
No Tentatively Identified Compounds					ND		0	0	ND		0	0	ND		0	0
Unknown					-		-	-	-		-	-	-		-	-
Unknown					-		-	-	-		-	-	-		-	-
Unknown					-		-	-	-		-	-	-		-	-
Unknown					-		-	-	-		-	-	-		-	-
Unknown					-		-	-	-		-	-	-		-	-
Unknown					-		-	-	-		-	-	-		-	-
Unknown Alcohol					-		-	-	-		-	-	-		-	-
Unknown Ketone					-		-	-	-		-	-	-		-	-
Unknown Ketone					-		-	-	-		-	-	-		-	-
Unknown Ketone					-		-	-	-		-	-	-		-	-
Unknown PAH					-		-	-	-		-	-	-		-	-
Unknown PAH					-		-	-	-		-	-	-		-	-
Unknown PAH					-		-	-	-		-	-	-		-	-
Unknown PAH					-		-	-	-		-	-	-		-	-
Unknown PAH					-		-	-	-		-	-	-		-	-
Unknown PAH					-		-	-	-		-	-	-		-	-
Unknown PAH					-		-	-	-		-	-	-		-	-
Unknown PAH					-		-	-	-		-	-	-		-	-
Unknown PAH					-		-	-	-		-	-	-		-	-
Unknown Thiophene					-		-	-	-		-	-	-		-	-
Total TIC Compounds					-		-	-	-		-	-	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																
4,4'-DDD	72-54-8	2.6	13	0.0033	ND		0.00168	0.000599	ND		0.00163	0.000582	ND		0.00191	0.000681
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND		0.00168	0.000388	ND		0.00163	0.000378	ND		0.00191	0.000442
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND		0.00168	0.00135	ND		0.00163	0.00131	ND		0.00191	0.00154
Aldrin	309-00-2	0.019	0.097	0.005	ND		0.00168	0.000591	ND		0.00163	0.000575	ND		0.00191	0.000673
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND		0.000699	0.000199	ND		0.00068	0.000193	ND		0.000796	0.000226
Beta-BHC	319-85-7	0.072	0.36	0.036	ND		0.00168	0.000636	ND		0.00163	0.000619	ND		0.00191	0.000724
Chlordane	57-74-9				ND		0.014	0.00556	ND		0.0136	0.00541	ND		0.0159	0.00633
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND		0.0021	0.000585	ND		0.00204	0.000569	ND		0.00239	0.000665
Delta-BHC	319-86-8	100	100	0.04	ND		0.00168	0.000329	ND		0.00163	0.00032	ND		0.00191	0.000374
Dieldrin	60-57-1	0.039	0.2	0.005	ND		0.00105	0.000524	ND		0.00102	0.00051	ND		0.00119	0.000597
Endosulfan I	959-98-8	4.8	24	2.4	ND		0.00168	0.000396	ND		0.00163	0.000386	ND		0.00191	0.000451
Endosulfan II	33213-65-9	4.8	24	2.4	ND		0.00168	0.000561	ND		0.00163	0.000546	ND		0.00191	0.000638
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND		0.000699	0.000333	ND		0.00068	0.000324	ND		0.000796	0.000379
Endrin	72-20-8	2.2	11	0.014	ND		0.000699	0.000287	ND		0.00068	0.000279	ND		0.000796	0.000326
Endrin aldehyde	7421-93-4				ND		0.0021	0.000734	ND		0.00204	0.000714	ND		0.00239	0.000836
Endrin ketone	53494-70-5				ND		0.00168	0.000432	ND		0.00163	0.00042	ND		0.00191	0.000492
Heptachlor	76-44-8	0.42	2.1	0.042	ND		0.000839	0.000376	ND		0.000817	0.000366	ND		0.000955	0.000428
Heptachlor epoxide	1024-57-3				ND		0.00315	0.000944	ND		0.00306	0.000919	ND		0.00358	0.00107
Lindane	58-89-9	0.28	1.3	0.1	ND		0.000699	0.000313	ND		0.00068	0.000304	ND		0.000796	0.000356
Methoxychlor	72-43-5				ND		0.00315	0.000979	ND		0.00306	0.000953	ND		0.00358	0.00111
Toxaphene	8001-35-2				ND		0.0315	0.00881	ND		0.0306	0.00857	ND		0.0358	0.01
trans-Chlordane	5103-74-2				ND		0.0021	0.000554	ND		0.00204	0.000539	ND		0.00239	0.00063
POLYCHLORINATED BIPHENYLS BY GC																

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-5 (6.5-7)				SB-6 (8.0-8.5)				SB-7 (6.5-7)			
				LAB ID:	L2242456-05				L2242456-06				L2242456-07			
				COLLECTION DATE:	8/6/2022				8/6/2022				8/6/2022			
				SAMPLE DEPTH:												
				SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES												
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	12674-11-2	1	1	0.1	ND		0.035	0.0031	ND		0.035	0.0031	ND		0.0393	0.00349
Aroclor 1221	11104-28-2	1	1	0.1	ND		0.035	0.0035	ND		0.035	0.0035	ND		0.0393	0.00393
Aroclor 1232	11141-16-5	1	1	0.1	ND		0.035	0.00741	ND		0.035	0.00741	ND		0.0393	0.00832
Aroclor 1242	53469-21-9	1	1	0.1	ND		0.035	0.00471	ND		0.035	0.00471	ND		0.0393	0.00529
Aroclor 1248	12672-29-6	1	1	0.1	ND		0.035	0.00524	ND		0.035	0.00524	ND		0.0393	0.00589
Aroclor 1254	11097-69-1	1	1	0.1	ND		0.035	0.00383	ND		0.035	0.00382	ND		0.0393	0.0043
Aroclor 1260	11096-82-5	1	1	0.1	ND		0.035	0.00646	ND		0.035	0.00646	ND		0.0393	0.00726
Aroclor 1262	37324-23-5	1	1	0.1	ND		0.035	0.00444	ND		0.035	0.00444	ND		0.0393	0.00499
Aroclor 1268	11100-14-4	1	1	0.1	ND		0.035	0.00362	ND		0.035	0.00362	ND		0.0393	0.00407
PCBs, Total	1336-36-3	1	1	0.1	ND		0.035	0.0031	ND		0.035	0.0031	ND		0.0393	0.00349
TOTAL METALS																
Aluminum, Total	7429-90-5				8950		8.41	2.27	6250		8.45	2.28	11200		9.67	2.61
Antimony, Total	7440-36-0				ND		4.21	0.32	ND		4.23	0.321	ND		4.84	0.367
Arsenic, Total	7440-38-2	16	16	13	0.421	J	0.841	0.175	ND		0.845	0.176	6.41		0.967	0.201
Barium, Total	7440-39-3	350	400	350	49		0.841	0.146	65.8		0.845	0.147	109		0.967	0.168
Beryllium, Total	7440-41-7	14	72	7.2	0.258	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	4.3	2.5	0.103	J	0.841	0.082	0.111	J	0.845	0.083	0.126	J	0.967	0.095
Calcium, Total	7440-70-2				611		8.41	2.94	806		8.45	2.96	2210		9.67	3.38
Chromium, Total	7440-47-3				17.6		0.841	0.081	14.6		0.845	0.081	21.8		0.967	0.093
Cobalt, Total	7440-48-4				3.21		1.68	0.14	4.48		1.69	0.14	11.4		1.93	0.16
Copper, Total	7440-50-8	270	270	50	13.1		0.841	0.217	13		0.845	0.218	13.5		0.967	0.25
Iron, Total	7439-89-6				12400		4.21	0.76	12600		4.23	0.763	15200		4.84	0.873
Lead, Total	7439-92-1	400	400	63	3.05	J	4.21	0.225	2.26	J	4.23	0.226	11.8		4.84	0.259
Magnesium, Total	7439-95-4				2010		8.41	1.3	2350		8.45	1.3	2950		9.67	1.49
Manganese, Total	7439-96-5	2000	2000	1600	290		0.841	0.134	217		0.845	0.134	140		0.967	0.154
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND		0.072	0.047	ND		0.072	0.047	ND		0.078	0.051
Nickel, Total	7440-02-0	140	310	30	11		2.1	0.204	12.9		2.11	0.205	13.6		2.42	0.234
Potassium, Total	7440-09-7				2380		210	12.1	3360		211	12.2	650		242	13.9
Selenium, Total	7782-49-2	36	180	3.9	ND		1.68	0.217	ND		1.69	0.218	ND		1.93	0.25
Silver, Total	7440-22-4	36	180	2	ND		0.841	0.238	ND		0.845	0.239	ND		0.967	0.274
Sodium, Total	7440-23-5				141		168	2.65	158	J	169	2.66	902		193	3.05
Thallium, Total	7440-28-0				ND		1.68	0.265	ND		1.69	0.266	ND		1.93	0.305
Vanadium, Total	7440-62-2				17.8		0.841	0.171	17.7		0.845	0.172	29.5		0.967	0.196
Zinc, Total	7440-66-6	2200	10000	109	21.3		4.21	0.246	21.6		4.23	0.248	36.8		4.84	0.283
GENERAL CHEMISTRY																
Cyanide, Total	57-12-5	27	27	27	ND		1.1	0.23	ND		1	0.22	2.1		1.1	0.24
Solids, Total	NONE				93.5		0.1	NA	91.9		0.1	NA	82		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-9 (8-8.5)					SB-10 (4-4.5)				SB-11 (7-7.5)			
				LAB ID:	L2242456-08					L2242456-09				L2242456-10			
				COLLECTION DATE:	8/6/2022					8/6/2022				8/6/2022			
				SAMPLE DEPTH:													
				SAMPLE MATRIX:	SOIL					SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES													
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																	
1,1,1,2-Tetrachloroethane	630-20-6				ND	ND		0.00047	0.00012	ND		0.00049	0.00013	ND		0.00053	0.00014
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND	ND		0.00047	0.00016	ND		0.00049	0.00016	ND		0.00053	0.00018
1,1,2,2-Tetrachloroethane	79-34-5				ND	ND		0.00047	0.00016	ND		0.00049	0.00016	ND		0.00053	0.00018
1,1,2-Trichloroethane	79-00-5				ND	ND		0.00094	0.00025	ND		0.00098	0.00026	ND		0.0011	0.00028
1,1-Dichloroethane	75-34-3	19	26	0.27	ND	ND		0.00094	0.00014	ND		0.00098	0.00014	ND		0.0011	0.00015
1,1-Dichloroethene	75-35-4	100	100	0.33	ND	ND		0.00094	0.00022	ND		0.00098	0.00023	ND		0.0011	0.00025
1,1-Dichloropropene	563-58-6				ND	ND		0.00047	0.00015	ND		0.00049	0.00016	ND		0.00053	0.00017
1,2,3-Trichlorobenzene	87-61-6				ND	ND		0.0019	0.0003	ND		0.002	0.00031	ND		0.0021	0.00034
1,2,3-Trichloropropane	96-18-4				ND	ND		0.0019	0.00012	ND		0.002	0.00012	ND		0.0021	0.00013
1,2,4,5-Tetramethylbenzene	95-93-2				ND	ND		0.0019	0.00018	ND		0.002	0.00019	ND		0.0021	0.0002
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.0019	0.00026	ND		0.002	0.00027	ND		0.0021	0.00029
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND	ND		0.0019	0.00031	ND		0.002	0.00033	ND		0.0021	0.00035
1,2-Dibromo-3-chloropropane	96-12-8				ND	ND		0.0028	0.00094	ND		0.0029	0.00098	ND		0.0032	0.001
1,2-Dibromoethane	106-93-4				ND	ND		0.00094	0.00026	ND		0.00098	0.00027	ND		0.0011	0.0003
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.0019	0.00014	ND		0.002	0.00014	ND		0.0021	0.00015
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND	ND		0.00094	0.00024	ND		0.00098	0.00025	ND		0.0011	0.00027
1,2-Dichloroethene, Total	540-59-0				ND	ND		0.00094	0.00013	ND		0.00098	0.00013	ND		0.0011	0.00014
1,2-Dichloropropane	78-87-5				ND	ND		0.00094	0.00012	ND		0.00098	0.00012	ND		0.0011	0.00013
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND	ND		0.0019	0.00018	ND		0.002	0.00019	ND		0.0021	0.0002
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.0019	0.00014	ND		0.002	0.00014	ND		0.0021	0.00016
1,3-Dichloropropane	142-28-9				ND	ND		0.0019	0.00016	ND		0.002	0.00016	ND		0.0021	0.00018
1,3-Dichloropropene, Total	542-75-6				ND	ND		0.00047	0.00015	ND		0.00049	0.00015	ND		0.00053	0.00017
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.0019	0.00016	ND		0.002	0.00017	ND		0.0021	0.00018
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.075	0.033	ND		0.078	0.034	ND		0.085	0.037
2,2-Dichloropropane	594-20-7				ND	ND		0.0019	0.00019	ND		0.002	0.0002	ND		0.0021	0.00021
2-Butanone	78-93-3	100	100	0.12	ND	ND		0.0094	0.0021	ND		0.0098	0.0022	ND		0.011	0.0024
2-Hexanone	591-78-6				ND	ND		0.0094	0.0011	ND		0.0098	0.0012	ND		0.011	0.0012
4-Methyl-2-pentanone	108-10-1				ND	ND		0.0094	0.0012	ND		0.0098	0.0012	ND		0.011	0.0014
Acetone	67-64-1	100	100	0.05	0.01	0.0049	J	0.0094	0.0045	0.0058	J	0.0098	0.0047	ND		0.011	0.0051
Acrylonitrile	107-13-1				ND	ND		0.0038	0.0011	ND		0.0039	0.0011	ND		0.0042	0.0012
Benzene	71-43-2	2.9	4.8	0.06	ND	ND		0.00047	0.00016	ND		0.00049	0.00016	ND		0.00053	0.00018
Bromobenzene	108-86-1				ND	ND		0.0019	0.00014	ND		0.002	0.00014	ND		0.0021	0.00015
Bromochloromethane	74-97-5				ND	ND		0.0019	0.00019	ND		0.002	0.0002	ND		0.0021	0.00022
Bromodichloromethane	75-27-4				ND	ND		0.00047	0.0001	ND		0.00049	0.00011	ND		0.00053	0.00012
Bromoform	75-25-2				ND	ND		0.0038	0.00023	ND		0.0039	0.00024	ND		0.0042	0.00026
Bromomethane	74-83-9				ND	ND		0.0019	0.00055	ND		0.002	0.00057	ND		0.0021	0.00062
Carbon disulfide	75-15-0				ND	ND		0.0094	0.0043	ND		0.0098	0.0044	ND		0.011	0.0048
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND	ND		0.00094	0.00022	ND		0.00098	0.00022	ND		0.0011	0.00024
Chlorobenzene	108-90-7	100	100	1.1	ND	ND		0.00047	0.00012	ND		0.00049	0.00012	ND		0.00053	0.00013
Chloroethane	75-00-3				ND	ND		0.0019	0.00042	ND		0.002	0.00044	ND		0.0021	0.00048
Chloroform	67-66-3	10	49	0.37	ND	ND		0.0014	0.00013	ND		0.0015	0.00014	ND		0.0016	0.00015
Chloromethane	74-87-3				ND	ND		0.0038	0.00088	ND		0.0039	0.00091	ND		0.0042	0.00099
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND	ND		0.00094	0.00016	ND		0.00098	0.00017	ND		0.0011	0.00018
cis-1,3-Dichloropropene	10061-01-5				ND	ND		0.00047	0.00015	ND		0.00049	0.00015	ND		0.00053	0.00017
Dibromochloromethane	124-48-1				ND	ND		0.00094	0.00013	ND		0.00098	0.00014	ND		0.0011	0.00015
Dibromomethane	74-95-3				ND	ND		0.0019	0.00022	ND		0.002	0.00023	ND		0.0021	0.00025
Dichlorodifluoromethane	75-71-8				ND	ND		0.0094	0.00086	ND		0.0098	0.0009	ND		0.011	0.00097
Ethyl ether	60-29-7				ND	ND		0.0019	0.00032	ND		0.002	0.00033	ND		0.0021	0.00036
Ethylbenzene	100-41-4	30	41	1	ND	ND		0.00094	0.00013	ND		0.00098	0.00014	ND		0.0011	0.00015

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-9 (8-8.5)					SB-10 (4-4.5)					SB-11 (7-7.5)				
				LAB ID:	L2242456-08					L2242456-09					L2242456-10				
				COLLECTION DATE:	8/6/2022					8/6/2022					8/6/2022				
				SAMPLE DEPTH:															
				SAMPLE MATRIX:	SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES															
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL	
Hexachlorobutadiene	87-68-3				ND	ND		0.0038	0.00016	ND		0.0039	0.00016		ND		0.0042	0.00018	
Isopropylbenzene	98-82-8				ND	ND		0.00094	0.0001	ND		0.00098	0.00011		ND		0.0011	0.00012	
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND	ND		0.0019	0.00019	ND		0.002	0.0002		ND		0.0021	0.00021	
Methylene chloride	75-09-2	51	100	0.05	ND	ND		0.0047	0.0022	ND		0.0049	0.0022		ND		0.0053	0.0024	
n-Butylbenzene	104-51-8	100	100	12	ND	ND		0.00094	0.00016	ND		0.00098	0.00016		ND		0.0011	0.00018	
n-Propylbenzene	103-65-1	100	100	3.9	ND	ND		0.00094	0.00016	ND		0.00098	0.00017		ND		0.0011	0.00018	
Naphthalene	91-20-3	100	100	12	ND	ND		0.0038	0.00061	ND		0.0039	0.00064		ND		0.0042	0.00069	
o-Chlorotoluene	95-49-8				ND	ND		0.0019	0.00018	ND		0.002	0.00019		ND		0.0021	0.0002	
o-Xylene	95-47-6				ND	ND		0.00094	0.00027	ND		0.00098	0.00028		ND		0.0011	0.00031	
p-Chlorotoluene	106-43-4				ND	ND		0.0019	0.0001	ND		0.002	0.0001		ND		0.0021	0.00011	
p-Diethylbenzene	105-05-5				ND	ND		0.0019	0.00017	ND		0.002	0.00017		ND		0.0021	0.00019	
p-Ethyltoluene	622-96-8				ND	ND		0.0019	0.00036	ND		0.002	0.00038		ND		0.0021	0.00041	
p-Isopropyltoluene	99-87-6				ND	ND		0.00094	0.0001	ND		0.00098	0.00011		ND		0.0011	0.00012	
p/m-Xylene	179601-23-1				ND	ND		0.0019	0.00053	ND		0.002	0.00055		ND		0.0021	0.00059	
sec-Butylbenzene	135-98-8	100	100	11	ND	ND		0.00094	0.00014	ND		0.00098	0.00014		ND		0.0011	0.00015	
Styrene	100-42-5				0.00064	0.00058	J	0.00094	0.00018	0.0006	J	0.00098	0.00019		ND		0.0011	0.00021	
tert-Butylbenzene	98-06-6	100	100	5.9	ND	ND		0.0019	0.00011	ND		0.002	0.00012		ND		0.0021	0.00012	
Tetrachloroethene	127-18-4	5.5	19	1.3	ND	ND		0.00047	0.00018	ND		0.00049	0.00019		ND		0.00053	0.00021	
Toluene	108-88-3	100	100	0.7	ND	ND		0.00094	0.00051	ND		0.00098	0.00053		ND		0.0011	0.00058	
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND	ND		0.0014	0.00013	ND		0.0015	0.00013		ND		0.0016	0.00014	
trans-1,3-Dichloropropene	10061-02-6				ND	ND		0.00094	0.00026	ND		0.00098	0.00027		ND		0.0011	0.00029	
trans-1,4-Dichloro-2-butene	110-57-6				ND	ND		0.0047	0.0013	ND		0.0049	0.0014		ND		0.0053	0.0015	
Trichloroethene	79-01-6	10	21	0.47	ND	ND		0.00047	0.00013	ND		0.00049	0.00013		ND		0.00053	0.00014	
Trichlorofluoromethane	75-69-4				ND	ND		0.0038	0.00065	ND		0.0039	0.00068		ND		0.0042	0.00074	
Vinyl acetate	108-05-4				ND	ND		0.0094	0.002	ND		0.0098	0.0021		ND		0.011	0.0023	
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND	ND		0.00094	0.00031	ND		0.00098	0.00033		ND		0.0011	0.00036	
Xylenes, Total	1330-20-7	100	100	0.26	ND	ND		0.00094	0.00027	ND		0.00098	0.00028		ND		0.0011	0.00031	
Total VOCs					0.01064	0.00548	-	-	-	0.0064	-	-	-		-	-	-	-	
VOLATILE ORGANICS BY EPA 5035-TIC																			
Cyclopentane	000287-92-3				-	-		-	-	-		-	-		-		-	-	
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	0.00538	NJ	0	0	0.00552	NJ	0	0		0.00564	NJ	0	0	
No Tentatively Identified Compounds					-	-		-	-	-		-	-		-		-	-	
Pentane	000109-66-0				-	-		-	-	-		-	-		-		-	-	
Unknown					-	-		-	-	-		-	-		0.0027	J	0	0	
Unknown					-	-		-	-	-		-	-		0.00342	J	0	0	
Unknown					0.00305	0.00272	J	0	0	0.00251	J	0	0		-		-	-	
Unknown Cycloalkane					-	-		-	-	-		-	-		-		-	-	
Total TIC Compounds					0.00951	0.0081	J	0	0	0.00803	J	0	0		0.0118	J	0	0	
PERFLUORINATED ALKYL ACIDS BY EPA 1633																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-	-		-	-	-		-	-		-		-	-	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-	-		-	-	-		-	-		-		-	-	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-	-		-	-	-		-	-		-		-	-	
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-	-		-	-	-		-	-		-		-	-	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-	-		-	-	-		-	-		-		-	-	
Perfluorobutanoic Acid (PFBA)	375-22-4				-	-		-	-	-		-	-		-		-	-	
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-	-		-	-	-		-	-		-		-	-	
Perfluorodecanoic Acid (PFDA)	335-76-2				-	-		-	-	-		-	-		-		-	-	
Perfluorododecanoic Acid (PFDoA)	307-55-1				-	-		-	-	-		-	-		-		-	-	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-	-		-	-	-		-	-		-		-	-	
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-	-		-	-	-		-	-		-		-	-	
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-	-		-	-	-		-	-		-		-	-	

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-9 (8-8.5)					SB-10 (4-4.5)					SB-11 (7-7.5)				
				LAB ID:	L2242456-08					L2242456-09					L2242456-10				
				COLLECTION DATE:	8/6/2022					8/6/2022					8/6/2022				
				SAMPLE DEPTH:															
				SAMPLE MATRIX:	SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES															
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL	
Perfluorohexanoic Acid (PFHxA)	307-24-4				-	-		-	-	-		-	-		-		-	-	
Perfluorononanoic Acid (PFNA)	375-95-1				-	-		-	-	-		-	-		-		-	-	
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-	-		-	-	-		-	-		-		-	-	
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-	-		-	-	-		-	-		-		-	-	
Perfluorooctanoic Acid (PFOA)	335-67-1				-	-		-	-	-		-	-		-		-	-	
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-	-		-	-	-		-	-		-		-	-	
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-	-		-	-	-		-	-		-		-	-	
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-	-		-	-	-		-	-		-		-	-	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-	-		-	-	-		-	-		-		-	-	
PFOA/PFOS, Total					-	-		-	-	-		-	-		-		-	-	
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND	-		-	-	-		-	-		ND		0.000527	0.000302	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND	-		-	-	-		-	-		ND		0.000527	0.000189	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND	-		-	-	-		-	-		ND		0.000527	0.000089	
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND	-		-	-	-		-	-		ND		0.000527	0.000212	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND	-		-	-	-		-	-		ND		0.000263	0.000041	
Perfluorobutanoic Acid (PFBA)	375-22-4				ND	-		-	-	-		-	-		ND		0.000527	0.000024	
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND	-		-	-	-		-	-		ND		0.000527	0.000161	
Perfluorodecanoic Acid (PFDA)	335-76-2				ND	-		-	-	-		-	-		ND		0.000263	0.000071	
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND	-		-	-	-		-	-		ND		0.000527	0.000074	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND	-		-	-	-		-	-		ND		0.000527	0.000144	
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND	-		-	-	-		-	-		ND		0.000263	0.000048	
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND	-		-	-	-		-	-		ND		0.000263	0.000064	
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND	-		-	-	-		-	-		ND		0.000527	0.000055	
Perfluorononanoic Acid (PFNA)	375-95-1				ND	-		-	-	-		-	-		ND		0.000263	0.000079	
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND	-		-	-	-		-	-		ND		0.000527	0.000103	
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND	-		-	-	-		-	-		ND		0.000263	0.000137	
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND	-		-	-	-		-	-		ND		0.000263	0.000044	
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND	-		-	-	-		-	-		ND		0.000527	0.000048	
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND	-		-	-	-		-	-		ND		0.000527	0.000057	
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND	-		-	-	-		-	-		ND		0.000527	0.000215	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND	-		-	-	-		-	-		ND		0.000527	0.000049	
PFOA/PFOS, Total					ND	-		-	-	-		-	-		ND		0.000263	0.000044	
SEMIVOLATILE ORGANICS BY GC/MS																			
1,2,4,5-Tetrachlorobenzene	95-94-3				ND	ND		0.18	0.019	ND		0.19	0.02		ND		0.18	0.018	
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.18	0.021	ND		0.19	0.022		ND		0.18	0.02	
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.18	0.032	ND		0.19	0.034		ND		0.18	0.032	
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.18	0.031	ND		0.19	0.033		ND		0.18	0.03	
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.18	0.032	ND		0.19	0.033		ND		0.18	0.031	
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.027	0.0083	ND		0.029	0.0088		ND		0.027	0.0082	
2,4,5-Trichlorophenol	95-95-4				ND	ND		0.18	0.035	ND		0.19	0.037		ND		0.18	0.034	
2,4,6-Trichlorophenol	88-06-2				ND	ND		0.11	0.034	ND		0.12	0.036		ND		0.11	0.034	
2,4-Dichlorophenol	120-83-2				ND	ND		0.16	0.029	ND		0.17	0.031		ND		0.16	0.028	
2,4-Dimethylphenol	105-67-9				ND	ND		0.18	0.06	ND		0.19	0.063		ND		0.18	0.059	
2,4-Dinitrophenol	51-28-5				ND	ND		0.87	0.084	ND		0.92	0.089		ND		0.85	0.083	
2,4-Dinitrotoluene	121-14-2				ND	ND		0.18	0.036	ND		0.19	0.038		ND		0.18	0.036	
2,6-Dinitrotoluene	606-20-2				ND	ND		0.18	0.031	ND		0.19	0.033		ND		0.18	0.03	
2-Chloronaphthalene	91-58-7				ND	ND		0.18	0.018	ND		0.19	0.019		ND		0.18	0.018	
2-Chlorophenol	95-57-8				ND	ND		0.18	0.021	ND		0.19	0.023		ND		0.18	0.021	
2-Methylnaphthalene	91-57-6				ND	ND		0.22	0.022	ND		0.23	0.023		ND		0.21	0.021	
2-Methylphenol	95-48-7	100	100	0.33	ND	ND		0.18	0.028	ND		0.19	0.03		ND		0.18	0.028	

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-9 (8-8.5)					SB-10 (4-4.5)					SB-11 (7-7.5)				
				LAB ID:	L2242456-08					L2242456-09					L2242456-10				
				COLLECTION DATE:	8/6/2022					8/6/2022					8/6/2022				
				SAMPLE DEPTH:															
				SAMPLE MATRIX:	SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES															
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL	
2-Nitroaniline	88-74-4				ND	ND		0.18	0.035	ND		0.19	0.037		ND		0.18	0.034	
2-Nitrophenol	88-75-5				ND	ND		0.39	0.068	ND		0.41	0.072		ND		0.38	0.067	
3,3'-Dichlorobenzidine	91-94-1				ND	ND		0.18	0.048	ND		0.19	0.051		ND		0.18	0.047	
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	34	100	0.33	ND	ND		0.26	0.028	ND		0.28	0.03		ND		0.26	0.028	
3-Nitroaniline	99-09-2				ND	ND		0.18	0.034	ND		0.19	0.036		ND		0.18	0.034	
4,6-Dinitro-o-cresol	534-52-1				ND	ND		0.47	0.087	ND		0.5	0.092		ND		0.46	0.085	
4-Bromophenyl phenyl ether	101-55-3				ND	ND		0.18	0.028	ND		0.19	0.029		ND		0.18	0.027	
4-Chloroaniline	106-47-8				ND	ND		0.18	0.033	ND		0.19	0.035		ND		0.18	0.032	
4-Chlorophenyl phenyl ether	7005-72-3				ND	ND		0.18	0.019	ND		0.19	0.02		ND		0.18	0.019	
4-Nitroaniline	100-01-6				ND	ND		0.18	0.075	ND		0.19	0.079		ND		0.18	0.074	
4-Nitrophenol	100-02-7				ND	ND		0.25	0.074	ND		0.27	0.078		ND		0.25	0.072	
Acenaphthene	83-32-9	100	100	20	ND	ND		0.14	0.019	ND		0.15	0.02		ND		0.14	0.018	
Acenaphthylene	208-96-8	100	100	100	ND	ND		0.14	0.028	ND		0.15	0.03		ND		0.14	0.027	
Acetophenone	98-86-2				ND	ND		0.18	0.022	ND		0.19	0.024		ND		0.18	0.022	
Anthracene	120-12-7	100	100	100	ND	ND		0.11	0.035	ND		0.12	0.037		ND		0.11	0.035	
Benzo(a)anthracene	56-55-3	1	1	1	ND	ND		0.11	0.02	ND		0.12	0.022		ND		0.11	0.02	
Benzo(a)pyrene	50-32-8	1	1	1	ND	ND		0.14	0.044	ND		0.15	0.047		ND		0.14	0.043	
Benzo(b)fluoranthene	205-99-2	1	1	1	ND	ND		0.11	0.03	ND		0.12	0.032		ND		0.11	0.03	
Benzo(ghi)perylene	191-24-2	100	100	100	ND	ND		0.14	0.021	ND		0.15	0.022		ND		0.14	0.021	
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND	ND		0.11	0.029	ND		0.12	0.031		ND		0.11	0.028	
Benzoic Acid	65-85-0				ND	ND		0.59	0.18	ND		0.62	0.19		ND		0.58	0.18	
Benzyl Alcohol	100-51-6				ND	ND		0.18	0.055	ND		0.19	0.059		ND		0.18	0.054	
Biphenyl	92-52-4				ND	ND		0.41	0.024	ND		0.44	0.025		ND		0.4	0.023	
Bis(2-chloroethoxy)methane	111-91-1				ND	ND		0.2	0.018	ND		0.21	0.019		ND		0.19	0.018	
Bis(2-chloroethyl)ether	111-44-4				ND	ND		0.16	0.024	ND		0.17	0.026		ND		0.16	0.024	
Bis(2-chloroisopropyl)ether	108-60-1				ND	ND		0.22	0.031	ND		0.23	0.033		ND		0.21	0.03	
Bis(2-ethylhexyl)phthalate	117-81-7				ND	ND		0.18	0.063	ND		0.19	0.066		ND		0.18	0.061	
Butyl benzyl phthalate	85-68-7				ND	ND		0.18	0.046	ND		0.19	0.048		ND		0.18	0.045	
Carbazole	86-74-8				ND	ND		0.18	0.018	ND		0.19	0.019		ND		0.18	0.017	
Chrysene	218-01-9	1	3.9	1	ND	ND		0.11	0.019	ND		0.12	0.02		ND		0.11	0.018	
Di-n-butylphthalate	84-74-2				ND	ND		0.18	0.034	ND		0.19	0.036		ND		0.18	0.034	
Di-n-octylphthalate	117-84-0				ND	ND		0.18	0.062	ND		0.19	0.065		ND		0.18	0.06	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	ND	ND		0.11	0.021	ND		0.12	0.022		ND		0.11	0.02	
Dibenzofuran	132-64-9	14	59	7	ND	ND		0.18	0.017	ND		0.19	0.018		ND		0.18	0.017	
Diethyl phthalate	84-66-2				ND	ND		0.18	0.017	ND		0.19	0.018		ND		0.18	0.016	
Dimethyl phthalate	131-11-3				ND	ND		0.18	0.038	ND		0.19	0.04		ND		0.18	0.037	
Fluoranthene	206-44-0	100	100	100	ND	ND		0.11	0.021	ND		0.12	0.022		ND		0.11	0.02	
Fluorene	86-73-7	100	100	30	ND	ND		0.18	0.018	ND		0.19	0.019		ND		0.18	0.017	
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND	ND		0.11	0.02	ND		0.12	0.021		ND		0.11	0.02	
Hexachlorobutadiene	87-68-3				ND	ND		0.18	0.026	ND		0.19	0.028		ND		0.18	0.026	
Hexachlorocyclopentadiene	77-47-4				ND	ND		0.52	0.16	ND		0.55	0.17		ND		0.51	0.16	
Hexachloroethane	67-72-1				ND	ND		0.14	0.029	ND		0.15	0.031		ND		0.14	0.029	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	ND	ND		0.14	0.025	ND		0.15	0.027		ND		0.14	0.025	
Isophorone	78-59-1				ND	ND		0.16	0.024	ND		0.17	0.025		ND		0.16	0.023	
n-Nitrosodi-n-propylamine	621-64-7				ND	ND		0.18	0.028	ND		0.19	0.03		ND		0.18	0.027	
Naphthalene	91-20-3	100	100	12	ND	ND		0.18	0.022	ND		0.19	0.023		ND		0.18	0.022	
NDPA/DPA	86-30-6				ND	ND		0.14	0.021	ND		0.15	0.022		ND		0.14	0.02	
Nitrobenzene	98-95-3				ND	ND		0.16	0.027	ND		0.17	0.028		ND		0.16	0.026	
p-Chloro-m-cresol	59-50-7				ND	ND		0.18	0.027	ND		0.19	0.028		ND		0.18	0.026	
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND	ND		0.14	0.04	ND		0.15	0.042		ND		0.14	0.039	
Phenanthrene	85-01-8	100	100	100	ND	ND		0.11	0.022	ND		0.12	0.023		ND		0.11	0.022	

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-9 (8-8.5)					SB-10 (4-4.5)					SB-11 (7-7.5)				
				LAB ID:	L2242456-08					L2242456-09					L2242456-10				
				COLLECTION DATE:	8/6/2022					8/6/2022					8/6/2022				
				SAMPLE DEPTH:															
				SAMPLE MATRIX:	SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES															
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL	
Phenol	108-95-2	100	100	0.33	ND	ND		0.18	0.027	ND		0.19	0.029		ND		0.18	0.027	
Pyrene	129-00-0	100	100	100	ND	ND		0.11	0.018	ND		0.12	0.019		ND		0.11	0.018	
Total SVOCs					-	-	-	-	-	-	-	-	-		-	-	-	-	
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
No Tentatively Identified Compounds					ND	ND		0	0	ND		0	0		ND		0	0	
Unknown					-	-		-	-	-		-	-		-		-	-	
Unknown					-	-		-	-	-		-	-		-		-	-	
Unknown					-	-		-	-	-		-	-		-		-	-	
Unknown					-	-		-	-	-		-	-		-		-	-	
Unknown					-	-		-	-	-		-	-		-		-	-	
Unknown					-	-		-	-	-		-	-		-		-	-	
Unknown Alcohol					-	-		-	-	-		-	-		-		-	-	
Unknown Ketone					-	-		-	-	-		-	-		-		-	-	
Unknown Ketone					-	-		-	-	-		-	-		-		-	-	
Unknown Ketone					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown PAH					-	-		-	-	-		-	-		-		-	-	
Unknown Thiophene					-	-		-	-	-		-	-		-		-	-	
Total TIC Compounds					-	-		-	-	-		-	-		-		-	-	
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	2.6	13	0.0033	ND	ND		0.00167	0.000596	ND		0.00178	0.000633		ND		0.00166	0.000593	
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND	ND		0.00167	0.000386	ND		0.00178	0.000411		ND		0.00166	0.000385	
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND	ND		0.00167	0.00134	ND		0.00178	0.00143		ND		0.00166	0.00134	
Aldrin	309-00-2	0.019	0.097	0.005	ND	ND		0.00167	0.000588	ND		0.00178	0.000625		ND		0.00166	0.000586	
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND	ND		0.000696	0.000198	ND		0.00074	0.00021		ND		0.000693	0.000197	
Beta-BHC	319-85-7	0.072	0.36	0.036	ND	ND		0.00167	0.000633	ND		0.00178	0.000673		ND		0.00166	0.000631	
Chlordane	57-74-9				ND	ND		0.0139	0.00553	ND		0.0148	0.00588		ND		0.0139	0.00551	
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND	ND		0.00209	0.000582	ND		0.00222	0.000618		ND		0.00208	0.00058	
Delta-BHC	319-86-8	100	100	0.04	ND	ND		0.00167	0.000327	ND		0.00178	0.000348		ND		0.00166	0.000326	
Dieldrin	60-57-1	0.039	0.2	0.005	ND	ND		0.00104	0.000522	ND		0.00111	0.000555		ND		0.00104	0.00052	
Endosulfan I	959-98-8	4.8	24	2.4	ND	ND		0.00167	0.000395	ND		0.00178	0.000419		ND		0.00166	0.000393	
Endosulfan II	33213-65-9	4.8	24	2.4	ND	ND		0.00167	0.000558	ND		0.00178	0.000593		ND		0.00166	0.000556	
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND	ND		0.000696	0.000331	ND		0.00074	0.000352		ND		0.000693	0.00033	
Endrin	72-20-8	2.2	11	0.014	ND	ND		0.000696	0.000285	ND		0.00074	0.000303		ND		0.000693	0.000284	
Endrin aldehyde	7421-93-4				ND	ND		0.00209	0.000731	ND		0.00222	0.000777		ND		0.00208	0.000728	
Endrin ketone	53494-70-5				ND	ND		0.00167	0.00043	ND		0.00178	0.000457		ND		0.00166	0.000428	
Heptachlor	76-44-8	0.42	2.1	0.042	ND	ND		0.000835	0.000374	ND		0.000888	0.000398		ND		0.000832	0.000373	
Heptachlor epoxide	1024-57-3				ND	ND		0.00313	0.00094	ND		0.00333	0.000999		ND		0.00312	0.000936	
Lindane	58-89-9	0.28	1.3	0.1	ND	ND		0.000696	0.000311	ND		0.00074	0.000331		ND		0.000693	0.00031	
Methoxychlor	72-43-5				ND	ND		0.00313	0.000974	ND		0.00333	0.00104		ND		0.00312	0.000971	
Toxaphene	8001-35-2				ND	ND		0.0313	0.00877	ND		0.0333	0.00932		ND		0.0312	0.00874	
trans-Chlordane	5103-74-2				ND	ND		0.00209	0.000551	ND		0.00222	0.000586		ND		0.00208	0.000549	
POLYCHLORINATED BIPHENYLS BY GC																			

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-9 (8-8.5)					SB-10 (4-4.5)				SB-11 (7-7.5)			
				LAB ID:	L2242456-08					L2242456-09				L2242456-10			
				COLLECTION DATE:	8/6/2022					8/6/2022				8/6/2022			
				SAMPLE DEPTH:													
				SAMPLE MATRIX:	SOIL					SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES													
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	12674-11-2	1	1	0.1	ND	ND		0.0353	0.00313	ND		0.038	0.00338	ND		0.036	0.00319
Aroclor 1221	11104-28-2	1	1	0.1	ND	ND		0.0353	0.00353	ND		0.038	0.00381	ND		0.036	0.0036
Aroclor 1232	11141-16-5	1	1	0.1	ND	ND		0.0353	0.00748	ND		0.038	0.00806	ND		0.036	0.00762
Aroclor 1242	53469-21-9	1	1	0.1	ND	ND		0.0353	0.00475	ND		0.038	0.00513	ND		0.036	0.00485
Aroclor 1248	12672-29-6	1	1	0.1	ND	ND		0.0353	0.00529	ND		0.038	0.0057	ND		0.036	0.00539
Aroclor 1254	11097-69-1	1	1	0.1	ND	ND		0.0353	0.00386	ND		0.038	0.00416	ND		0.036	0.00393
Aroclor 1260	11096-82-5	1	1	0.1	ND	ND		0.0353	0.00652	ND		0.038	0.00703	ND		0.036	0.00664
Aroclor 1262	37324-23-5	1	1	0.1	ND	ND		0.0353	0.00448	ND		0.038	0.00483	ND		0.036	0.00457
Aroclor 1268	11100-14-4	1	1	0.1	ND	ND		0.0353	0.00365	ND		0.038	0.00394	ND		0.036	0.00372
PCBs, Total	1336-36-3	1	1	0.1	ND	ND		0.0353	0.00313	ND		0.038	0.00338	ND		0.036	0.00319
TOTAL METALS																	
Aluminum, Total	7429-90-5				8950	4960		8.55	2.31	13600		8.82	2.38	7670		8.48	2.29
Antimony, Total	7440-36-0				ND	ND		4.27	0.325	ND		4.41	0.335	ND		4.24	0.322
Arsenic, Total	7440-38-2	16	16	13	0.421	0.234	J	0.855	0.178	0.409	J	0.882	0.183	ND		0.848	0.176
Barium, Total	7440-39-3	350	400	350	49	47.6		0.855	0.149	93.3		0.882	0.154	51.6		0.848	0.148
Beryllium, Total	7440-41-7	14	72	7.2	0.258	0.19	J	0.427	0.028	0.494		0.441	0.029	0.272	J	0.424	0.028
Cadmium, Total	7440-43-9	2.5	4.3	2.5	0.103	ND		0.855	0.084	0.105	J	0.882	0.086	0.087	J	0.848	0.083
Calcium, Total	7440-70-2				611	676		8.55	2.99	581		8.82	3.09	481		8.48	2.97
Chromium, Total	7440-47-3				17.6	14		0.855	0.082	19		0.882	0.085	11.3		0.848	0.081
Cobalt, Total	7440-48-4				3.21	3.86		1.71	0.142	5.61		1.76	0.146	3.4		1.7	0.141
Copper, Total	7440-50-8	270	270	50	13.1	9.9		0.855	0.22	21		0.882	0.228	11.4		0.848	0.219
Iron, Total	7439-89-6				12400	9470		4.27	0.772	16300		4.41	0.797	10700		4.24	0.766
Lead, Total	7439-92-1	400	400	63	3.05	2.11	J	4.27	0.229	4.71		4.41	0.236	2.62	J	4.24	0.227
Magnesium, Total	7439-95-4				2010	1880		8.55	1.32	2850		8.82	1.36	1580		8.48	1.31
Manganese, Total	7439-96-5	2000	2000	1600	290	154		0.855	0.136	465		0.882	0.14	351		0.848	0.135
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND	ND		0.075	0.049	ND		0.08	0.052	ND		0.079	0.051
Nickel, Total	7440-02-0	140	310	30	11	11		2.14	0.207	14.1		2.2	0.213	11.1		2.12	0.205
Potassium, Total	7440-09-7				2380	2550		214	12.3	3130		220	12.7	1930		212	12.2
Selenium, Total	7782-49-2	36	180	3.9	ND	ND		1.71	0.22	ND		1.76	0.228	ND		1.7	0.219
Silver, Total	7440-22-4	36	180	2	ND	ND		0.855	0.242	ND		0.882	0.25	ND		0.848	0.24
Sodium, Total	7440-23-5				141	103	J	171	2.69	314		176	2.78	239		170	2.67
Thallium, Total	7440-28-0				ND	ND		1.71	0.269	ND		1.76	0.278	ND		1.7	0.267
Vanadium, Total	7440-62-2				17.8	16.3		0.855	0.174	24.7		0.882	0.179	13.7		0.848	0.172
Zinc, Total	7440-66-6	2200	10000	109	21.3	15.7		4.27	0.25	24.4		4.41	0.258	14		4.24	0.248
GENERAL CHEMISTRY																	
Cyanide, Total	57-12-5	27	27	27	ND	ND		1	0.22	ND		1.1	0.23	ND		1	0.22
Solids, Total	NONE				93.5	91.1		0.1	NA	86.2		0.1	NA	92.4		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-12 (0.5-1.0)					SB-13 (1-1.5)					SB-13 (1-1.5)					SB-201 (4-4.5)				
				LAB ID:	L2242456-11					L2242456-12					L2242456-12 R1					L2305142-01				
				COLLECTION DATE:	8/6/2022					8/6/2022					8/6/2022					1/28/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL		Conc	Q	RL	MDL	
VOLATILE ORGANICS BY EPA 5035																								
1,1,1,2-Tetrachloroethane	630-20-6				ND	ND		0.00055	0.00014	ND		0.00047	0.00012		-		-	-		ND		0.0004	0.0001	
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND	ND		0.00055	0.00018	ND		0.00047	0.00016		-		-	-		ND		0.0004	0.00013	
1,1,2,2-Tetrachloroethane	79-34-5				ND	ND		0.00055	0.00018	ND		0.00047	0.00016		-		-	-		ND		0.0004	0.00013	
1,1,2-Trichloroethane	79-00-5				ND	ND		0.0011	0.00029	ND		0.00094	0.00025		-		-	-		ND		0.0008	0.00021	
1,1-Dichloroethane	75-34-3	19	26	0.27	ND	ND		0.0011	0.00016	ND		0.00094	0.00014		-		-	-		ND		0.0008	0.00012	
1,1-Dichloroethene	75-35-4	100	100	0.33	ND	ND		0.0011	0.00026	ND		0.00094	0.00022		-		-	-		0.00065	J	0.0008	0.00019	
1,1-Dichloropropene	563-58-6				ND	ND		0.00055	0.00018	ND		0.00047	0.00015		-		-	-		ND		0.0004	0.00013	
1,2,3-Trichlorobenzene	87-61-6				ND	ND		0.0022	0.00036	ND		0.0019	0.0003		-		-	-		ND		0.0016	0.00026	
1,2,3-Trichloropropane	96-18-4				ND	ND		0.0022	0.00014	ND		0.0019	0.00012		-		-	-		ND		0.0016	0.0001	
1,2,4,5-Tetramethylbenzene	95-93-2				ND	ND		0.0022	0.00021	ND		0.0019	0.00018		-		-	-		ND		0.0016	0.00015	
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.0022	0.0003	ND		0.0019	0.00025		-		-	-		ND		0.0016	0.00022	
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND	ND		0.0022	0.00037	ND		0.0019	0.00031		-		-	-		ND		0.0016	0.00027	
1,2-Dibromo-3-chloropropane	96-12-8				ND	ND		0.0033	0.0011	ND		0.0028	0.00093		-		-	-		ND		0.0024	0.0008	
1,2-Dibromoethane	106-93-4				ND	ND		0.0011	0.00031	ND		0.00094	0.00026		-		-	-		ND		0.0008	0.00022	
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.0022	0.00016	ND		0.0019	0.00013		-		-	-		ND		0.0016	0.00011	
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND	ND		0.0011	0.00028	ND		0.00094	0.00024		-		-	-		ND		0.0008	0.0002	
1,2-Dichloroethene, Total	540-59-0				ND	ND		0.0011	0.00015	ND		0.00094	0.00013		-		-	-		ND		0.0008	0.00011	
1,2-Dichloropropane	78-87-5				ND	ND		0.0011	0.00014	ND		0.00094	0.00012		-		-	-		ND		0.0008	0.0001	
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND	ND		0.0022	0.00021	ND		0.0019	0.00018		-		-	-		ND		0.0016	0.00015	
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.0022	0.00016	ND		0.0019	0.00014		-		-	-		ND		0.0016	0.00012	
1,3-Dichloropropane	142-28-9				ND	ND		0.0022	0.00018	ND		0.0019	0.00016		-		-	-		ND		0.0016	0.00013	
1,3-Dichloropropene, Total	542-75-6				ND	ND		0.00055	0.00017	ND		0.00047	0.00015		-		-	-		ND		0.0004	0.00013	
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.0022	0.00019	ND		0.0019	0.00016		-		-	-		ND		0.0016	0.00014	
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.088	0.039	ND		0.075	0.033		-		-	-		ND		0.064	0.028	
2,2-Dichloropropane	594-20-7				ND	ND		0.0022	0.00022	ND		0.0019	0.00019		-		-	-		ND		0.0016	0.00016	
2-Butanone	78-93-3	100	100	0.12	ND	ND		0.011	0.0024	ND		0.0094	0.0021		-		-	-		ND		0.008	0.0018	
2-Hexanone	591-78-6				ND	ND		0.011	0.0013	ND		0.0094	0.0011		-		-	-		ND		0.008	0.00094	
4-Methyl-2-pentanone	108-10-1				ND	ND		0.011	0.0014	ND		0.0094	0.0012		-		-	-		ND		0.008	0.001	
Acetone	67-64-1	100	100	0.05	0.01	0.0096	J	0.011	0.0053	ND		0.0094	0.0045		-		-	-		ND		0.008	0.0038	
Acrylonitrile	107-13-1				ND	ND		0.0044	0.0013	ND		0.0037	0.0011		-		-	-		ND		0.0032	0.00092	
Benzene	71-43-2	2.9	4.8	0.06	ND	ND		0.00055	0.00018	ND		0.00047	0.00016		-		-	-		ND		0.0004	0.00013	
Bromobenzene	108-86-1				ND	ND		0.0022	0.00016	ND		0.0019	0.00014		-		-	-		ND		0.0016	0.00012	
Bromochloromethane	74-97-5				ND	ND		0.0022	0.00023	ND		0.0019	0.00019		-		-	-		ND		0.0016	0.00016	
Bromodichloromethane	75-27-4				ND	ND		0.00055	0.00012	ND		0.00047	0.0001		-		-	-		ND		0.0004	0.00009	
Bromoform	75-25-2				ND	ND		0.0044	0.00027	ND		0.0037	0.00023		-		-	-		ND		0.0032	0.0002	
Bromomethane	74-83-9				ND	ND		0.0022	0.00064	ND		0.0019	0.00054		-		-	-		ND		0.0016	0.00046	
Carbon disulfide	75-15-0				ND	ND		0.011	0.005	ND		0.0094	0.0043		-		-	-		ND		0.008	0.0036	
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND	ND		0.0011	0.00025	ND		0.00094	0.00022		-		-	-		ND		0.0008	0.00018	
Chlorobenzene	108-90-7	100	100	1.1	ND	ND		0.00055	0.00014	ND		0.00047	0.00012		-		-	-		ND		0.0004	0.0001	
Chloroethane	75-00-3				ND	ND		0.0022	0.0005	ND		0.0019	0.00042		-		-	-		ND		0.0016	0.00036	
Chloroform	67-66-3	10	49	0.37	ND	ND		0.0016	0.00015	ND		0.0014	0.00013		-		-	-		ND		0.0012	0.00011	
Chloromethane	74-87-3				ND	ND		0.0044	0.001	ND		0.0037	0.00087		-		-	-		ND		0.0032	0.00074	
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND	ND		0.0011	0.00019	ND		0.00094	0.00016		-		-	-		ND		0.0008	0.00014	
cis-1,3-Dichloropropene	10061-01-5				ND	ND		0.00055	0.00017	ND		0.00047	0.00015		-		-	-		ND		0.0004	0.00013	
Dibromochloromethane	124-48-1				ND	ND		0.0011	0.00015	ND		0.00094	0.00013		-		-	-		ND		0.0008	0.00011	
Dibromomethane	74-95-3				ND	ND		0.0022	0.00026	ND		0.0019	0.00022		-		-	-		ND		0.0016	0.00019	
Dichlorodifluoromethane	75-71-8				ND	ND		0.011	0.001	ND		0.0094	0.00086		-		-	-		ND		0.008	0.00073	
Ethyl ether	60-29-7				ND	ND		0.0022	0.00038	ND		0.0019	0.00032		-		-	-		ND		0.0016	0.00027	
Ethylbenzene	100-41-4	30	41	1	ND	ND		0.0011	0.00016	ND		0.00094	0.00013		-		-	-		ND		0.0008	0.00011	

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-12 (0.5-1.0)					SB-13 (1-1.5)				SB-13 (1-1.5)				SB-201 (4-4.5)			
				LAB ID:	L2242456-11					L2242456-12				L2242456-12 R1				L2305142-01			
				COLLECTION DATE:	8/6/2022					8/6/2022				8/6/2022				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Hexachlorobutadiene	87-68-3				ND	ND		0.0044	0.00019	ND		0.0037	0.00016	-		-	-	ND		0.0032	0.00013
Isopropylbenzene	98-82-8				ND	ND		0.0011	0.00012	ND		0.00094	0.0001	-		-	-	ND		0.0008	0.00009
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND	ND		0.0022	0.00022	ND		0.0019	0.00019	-		-	-	ND		0.0016	0.00016
Methylene chloride	75-09-2	51	100	0.05	ND	ND		0.0055	0.0025	ND		0.0047	0.0021	-		-	-	ND		0.004	0.0018
n-Butylbenzene	104-51-8	100	100	12	ND	ND		0.0011	0.00018	ND		0.00094	0.00016	-		-	-	ND		0.0008	0.00013
n-Propylbenzene	103-65-1	100	100	3.9	ND	ND		0.0011	0.00019	ND		0.00094	0.00016	-		-	-	ND		0.0008	0.00014
Naphthalene	91-20-3	100	100	12	ND	ND		0.0044	0.00072	ND		0.0037	0.00061	-		-	-	ND		0.0032	0.00052
o-Chlorotoluene	95-49-8				ND	ND		0.0022	0.00021	ND		0.0019	0.00018	-		-	-	ND		0.0016	0.00015
o-Xylene	95-47-6				ND	ND		0.0011	0.00032	ND		0.00094	0.00027	-		-	-	ND		0.0008	0.00023
p-Chlorotoluene	106-43-4				ND	ND		0.0022	0.00012	ND		0.0019	0.0001	-		-	-	ND		0.0016	0.00009
p-Diethylbenzene	105-05-5				ND	ND		0.0022	0.0002	ND		0.0019	0.00016	-		-	-	ND		0.0016	0.00014
p-Ethyltoluene	622-96-8				ND	ND		0.0022	0.00042	ND		0.0019	0.00036	-		-	-	ND		0.0016	0.00031
p-Isopropyltoluene	99-87-6				ND	ND		0.0011	0.00012	ND		0.00094	0.0001	-		-	-	ND		0.0008	0.00009
p/m-Xylene	179601-23-1				ND	ND		0.0022	0.00062	ND		0.0019	0.00052	-		-	-	ND		0.0016	0.00045
sec-Butylbenzene	135-98-8	100	100	11	ND	ND		0.0011	0.00016	ND		0.00094	0.00014	-		-	-	ND		0.0008	0.00012
Styrene	100-42-5				0.00064	ND		0.0011	0.00022	ND		0.00094	0.00018	-		-	-	ND		0.0008	0.00016
tert-Butylbenzene	98-06-6	100	100	5.9	ND	ND		0.0022	0.00013	ND		0.0019	0.00011	-		-	-	ND		0.0016	0.00009
Tetrachloroethene	127-18-4	5.5	19	1.3	ND	0.00074		0.00055	0.00022	ND		0.00047	0.00018	-		-	-	ND		0.0004	0.00016
Toluene	108-88-3	100	100	0.7	ND	ND		0.0011	0.0006	ND		0.00094	0.00051	-		-	-	ND		0.0008	0.00043
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND	ND		0.0016	0.00015	ND		0.0014	0.00013	-		-	-	ND		0.0012	0.00011
trans-1,3-Dichloropropene	10061-02-6				ND	ND		0.0011	0.0003	ND		0.00094	0.00026	-		-	-	ND		0.0008	0.00022
trans-1,4-Dichloro-2-butene	110-57-6				ND	ND		0.0055	0.0016	ND		0.0047	0.0013	-		-	-	ND		0.004	0.0011
Trichloroethene	79-01-6	10	21	0.47	ND	0.00047	J	0.00055	0.00015	ND		0.00047	0.00013	-		-	-	ND		0.0004	0.00011
Trichlorofluoromethane	75-69-4				ND	ND		0.0044	0.00077	ND		0.0037	0.00065	-		-	-	ND		0.0032	0.00055
Vinyl acetate	108-05-4				ND	ND		0.011	0.0024	ND		0.0094	0.002	-		-	-	ND		0.008	0.0017
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND	ND		0.0011	0.00037	ND		0.00094	0.00031	-		-	-	ND		0.0008	0.00027
Xylenes, Total	1330-20-7	100	100	0.26	ND	ND		0.0011	0.00032	ND		0.00094	0.00027	-		-	-	ND		0.0008	0.00023
Total VOCs					0.01064	0.01081	-	-	-	-	-	-	-	-	-	-	-	0.00065	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																					
Cyclopentane	000287-92-3				-	-		-	-	-		-	-	-		-	-	-		-	-
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	0.00577	NJ	0	0	0.00483	NJ	0	0	-		-	-	-		-	-
No Tentatively Identified Compounds					-	-		-	-	-		-	-	-		-	-	ND		0	0
Pentane	000109-66-0				-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					0.00305	0.00261	J	0	0	0.00215	J	0	0	-		-	-	-		-	-
Unknown Cycloalkane					-	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds					0.00951	0.00838	J	0	0	0.00698	J	0	0	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-	-		-	-	-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-	-		-	-	-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-	-		-	-	-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-	-		-	-	-		-	-	-		-	-	-		-	-

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-12 (0.5-1.0)					SB-13 (1-1.5)				SB-13 (1-1.5)				SB-201 (4-4.5)			
				LAB ID:	L2242456-11					L2242456-12				L2242456-12 R1				L2305142-01			
				COLLECTION DATE:	8/6/2022					8/6/2022				8/6/2022				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorohexanoic Acid (PFHxA)	307-24-4				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorononanoic Acid (PFNA)	375-95-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanoic Acid (PFOA)	335-67-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-	-		-	-	-		-	-	-		-	-	-		-	-
PFOA/PFOS, Total					-	-		-	-	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total					ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS																					
1,2,4,5-Tetrachlorobenzene	95-94-3				ND	-		-	-	ND		0.18	0.019	ND		0.18	0.019	ND		0.19	0.02
1,2,4-Trichlorobenzene	120-82-1				ND	-		-	-	ND		0.18	0.021	ND		0.18	0.021	ND		0.19	0.022
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	-		-	-	ND		0.18	0.033	ND		0.18	0.033	ND		0.19	0.035
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	-		-	-	ND		0.18	0.031	ND		0.18	0.031	ND		0.19	0.033
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	-		-	-	ND		0.18	0.032	ND		0.18	0.032	ND		0.19	0.034
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	-		-	-	ND		0.027	0.0084	ND		0.027	0.0084	ND		0.029	0.0089
2,4,5-Trichlorophenol	95-95-4				ND	-		-	-	ND		0.18	0.035	ND		0.18	0.035	ND		0.19	0.037
2,4,6-Trichlorophenol	88-06-2				ND	-		-	-	ND		0.11	0.034	ND		0.11	0.034	ND		0.12	0.037
2,4-Dichlorophenol	120-83-2				ND	-		-	-	ND		0.16	0.029	ND		0.16	0.029	ND		0.18	0.031
2,4-Dimethylphenol	105-67-9				ND	-		-	-	ND		0.18	0.06	ND		0.18	0.06	ND		0.19	0.064
2,4-Dinitrophenol	51-28-5				ND	-		-	-	ND		0.87	0.085	ND		0.87	0.085	ND		0.93	0.091
2,4-Dinitrotoluene	121-14-2				ND	-		-	-	ND		0.18	0.036	ND		0.18	0.036	ND		0.19	0.039
2,6-Dinitrotoluene	606-20-2				ND	-		-	-	ND		0.18	0.031	ND		0.18	0.031	ND		0.19	0.033
2-Chloronaphthalene	91-58-7				ND	-		-	-	ND		0.18	0.018	ND		0.18	0.018	ND		0.19	0.019
2-Chlorophenol	95-57-8				ND	-		-	-	ND		0.18	0.021	ND		0.18	0.021	ND		0.19	0.023
2-Methylnaphthalene	91-57-6				ND	-		-	-	ND		0.22	0.022	ND		0.22	0.022	ND		0.23	0.023
2-Methylphenol	95-48-7	100	100	0.33	ND	-		-	-	ND		0.18	0.028	ND		0.18	0.028	ND		0.19	0.03

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-12 (0.5-1.0)					SB-13 (1-1.5)				SB-13 (1-1.5)				SB-201 (4-4.5)			
				LAB ID:	L2242456-11					L2242456-12				L2242456-12 R1				L2305142-01			
				COLLECTION DATE:	8/6/2022					8/6/2022				8/6/2022				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
2-Nitroaniline	88-74-4				ND	-		-	-	ND		0.18	0.035	ND		0.18	0.035	ND		0.19	0.038
2-Nitrophenol	88-75-5				ND	-		-	-	ND		0.39	0.068	ND		0.39	0.068	ND		0.42	0.073
3,3'-Dichlorobenzidine	91-94-1				ND	-		-	-	ND		0.18	0.048	ND		0.18	0.048	ND		0.19	0.052
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	34	100	0.33	ND	-		-	-	ND		0.26	0.028	ND		0.26	0.028	ND		0.28	0.03
3-Nitroaniline	99-09-2				ND	-		-	-	ND		0.18	0.034	ND		0.18	0.034	ND		0.19	0.037
4,6-Dinitro-o-cresol	534-52-1				ND	-		-	-	ND		0.47	0.087	ND		0.47	0.087	ND		0.5	0.093
4-Bromophenyl phenyl ether	101-55-3				ND	-		-	-	ND		0.18	0.028	ND		0.18	0.028	ND		0.19	0.03
4-Chloroaniline	106-47-8				ND	-		-	-	ND		0.18	0.033	ND		0.18	0.033	ND		0.19	0.035
4-Chlorophenyl phenyl ether	7005-72-3				ND	-		-	-	ND		0.18	0.019	ND		0.18	0.019	ND		0.19	0.021
4-Nitroaniline	100-01-6				ND	-		-	-	ND		0.18	0.075	ND		0.18	0.075	ND		0.19	0.08
4-Nitrophenol	100-02-7				ND	-		-	-	ND		0.25	0.074	ND		0.25	0.074	ND		0.27	0.079
Acenaphthene	83-32-9	100	100	20	ND	-		-	-	ND		0.14	0.019	ND		0.14	0.019	ND		0.16	0.02
Acenaphthylene	208-96-8	100	100	100	ND	-		-	-	ND		0.14	0.028	ND		0.14	0.028	ND		0.16	0.03
Acetophenone	98-86-2				ND	-		-	-	ND		0.18	0.022	ND		0.18	0.022	ND		0.19	0.024
Anthracene	120-12-7	100	100	100	ND	-		-	-	ND		0.11	0.035	ND		0.11	0.035	ND		0.12	0.038
Benzo(a)anthracene	56-55-3	1	1	1	ND	-		-	-	ND		0.11	0.02	ND		0.11	0.02	0.097	J	0.12	0.022
Benzo(a)pyrene	50-32-8	1	1	1	ND	-		-	-	ND		0.14	0.044	ND		0.14	0.044	0.1	J	0.16	0.047
Benzo(b)fluoranthene	205-99-2	1	1	1	ND	-		-	-	ND		0.11	0.031	ND		0.11	0.031	0.13		0.12	0.033
Benzo(ghi)perylene	191-24-2	100	100	100	ND	-		-	-	ND		0.14	0.021	ND		0.14	0.021	0.073	J	0.16	0.023
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND	-		-	-	ND		0.11	0.029	ND		0.11	0.029	0.042	J	0.12	0.031
Benzoic Acid	65-85-0				ND	-		-	-	ND		0.59	0.18	ND		0.59	0.18	ND		0.63	0.2
Benzyl Alcohol	100-51-6				ND	-		-	-	ND		0.18	0.056	ND		0.18	0.056	ND		0.19	0.06
Biphenyl	92-52-4				ND	-		-	-	ND		0.41	0.024	ND		0.41	0.024	ND		0.44	0.025
Bis(2-chloroethoxy)methane	111-91-1				ND	-		-	-	ND		0.2	0.018	ND		0.2	0.018	ND		0.21	0.019
Bis(2-chloroethyl)ether	111-44-4				ND	-		-	-	ND		0.16	0.025	ND		0.16	0.025	ND		0.18	0.026
Bis(2-chloroisopropyl)ether	108-60-1				ND	-		-	-	ND		0.22	0.031	ND		0.22	0.031	ND		0.23	0.033
Bis(2-ethylhexyl)phthalate	117-81-7				ND	-		-	-	ND		0.18	0.063	0.063	J	0.18	0.063	ND		0.19	0.067
Butyl benzyl phthalate	85-68-7				ND	-		-	-	0.056	J	0.18	0.046	ND		0.18	0.046	ND		0.19	0.049
Carbazole	86-74-8				ND	-		-	-	ND		0.18	0.018	ND		0.18	0.018	ND		0.19	0.019
Chrysene	218-01-9	1	3.9	1	ND	-		-	-	ND		0.11	0.019	ND		0.11	0.019	0.084	J	0.12	0.02
Di-n-butylphthalate	84-74-2				ND	-		-	-	ND		0.18	0.034	ND		0.18	0.034	ND		0.19	0.037
Di-n-octylphthalate	117-84-0				ND	-		-	-	ND		0.18	0.062	ND		0.18	0.062	ND		0.19	0.066
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	ND	-		-	-	ND		0.11	0.021	ND		0.11	0.021	ND		0.12	0.022
Dibenzofuran	132-64-9	14	59	7	ND	-		-	-	ND		0.18	0.017	ND		0.18	0.017	ND		0.19	0.018
Diethyl phthalate	84-66-2				ND	-		-	-	ND		0.18	0.017	ND		0.18	0.017	ND		0.19	0.018
Dimethyl phthalate	131-11-3				ND	-		-	-	ND		0.18	0.038	ND		0.18	0.038	ND		0.19	0.041
Fluoranthene	206-44-0	100	100	100	ND	-		-	-	ND		0.11	0.021	0.032	J	0.11	0.021	0.13		0.12	0.022
Fluorene	86-73-7	100	100	30	ND	-		-	-	ND		0.18	0.018	ND		0.18	0.018	ND		0.19	0.019
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND	-		-	-	ND		0.11	0.02	ND		0.11	0.02	ND		0.12	0.022
Hexachlorobutadiene	87-68-3				ND	-		-	-	ND		0.18	0.027	ND		0.18	0.027	ND		0.19	0.028
Hexachlorocyclopentadiene	77-47-4				ND	-		-	-	ND		0.52	0.16	ND		0.52	0.16	ND		0.56	0.18
Hexachloroethane	67-72-1				ND	-		-	-	ND		0.14	0.029	ND		0.14	0.029	ND		0.16	0.031
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	ND	-		-	-	ND		0.14	0.025	ND		0.14	0.025	0.083	J	0.16	0.027
Isophorone	78-59-1				ND	-		-	-	ND		0.16	0.024	ND		0.16	0.024	ND		0.18	0.025
n-Nitrosodi-n-propylamine	621-64-7				ND	-		-	-	ND		0.18	0.028	ND		0.18	0.028	ND		0.19	0.03
Naphthalene	91-20-3	100	100	12	ND	-		-	-	ND		0.18	0.022	ND		0.18	0.022	ND		0.19	0.024
NDPA/DPA	86-30-6				ND	-		-	-	ND		0.14	0.021	ND		0.14	0.021	ND		0.16	0.022
Nitrobenzene	98-95-3				ND	-		-	-	ND		0.16	0.027	ND		0.16	0.027	ND		0.18	0.029
p-Chloro-m-cresol	59-50-7				ND	-		-	-	ND		0.18	0.027	ND		0.18	0.027	ND		0.19	0.029
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND	-		-	-	ND		0.14	0.04	ND		0.14	0.04	ND		0.16	0.043
Phenanthrene	85-01-8	100	100	100	ND	-		-	-	0.022	J	0.11	0.022	ND		0.11	0.022	ND		0.12	0.024

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-12 (0.5-1.0)					SB-13 (1-1.5)				SB-13 (1-1.5)				SB-201 (4-4.5)			
				LAB ID:	L2242456-11					L2242456-12				L2242456-12 R1				L2305142-01			
				COLLECTION DATE:	8/6/2022					8/6/2022				8/6/2022				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Phenol	108-95-2	100	100	0.33	ND	-		-	-	0.042	J	0.18	0.027	0.033	J	0.18	0.027	ND		0.19	0.029
Pyrene	129-00-0	100	100	100	ND	-		-	-	0.02	J	0.11	0.018	0.028	J	0.11	0.018	0.12		0.12	0.019
Total SVOCs					-	-	-	-	-	0.14	-	-	-	0.156	-	-	-	0.859	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																					
No Tentatively Identified Compounds					ND	-		-	-	-		-	-	-		-	-	ND		0	0
Unknown					-	-		-	-	0.338	J	0	0	0.174	J	0	0	-	-	-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alcohol					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Thiophene					-	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds					-	-		-	-	0.338	J	0	0	0.174	J	0	0	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																					
4,4'-DDD	72-54-8	2.6	13	0.0033	ND	-		-	-	ND		0.0017	0.000606	-		-	-	ND		0.00187	0.000667
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND	-		-	-	ND		0.0017	0.000393	-		-	-	ND		0.00187	0.000432
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND	-		-	-	ND		0.0017	0.00137	-		-	-	ND		0.00187	0.0015
Aldrin	309-00-2	0.019	0.097	0.005	ND	-		-	-	ND		0.0017	0.000598	-		-	-	ND		0.00187	0.000658
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND	-		-	-	ND		0.000708	0.000201	-		-	-	ND		0.000779	0.000221
Beta-BHC	319-85-7	0.072	0.36	0.036	ND	-		-	-	ND		0.0017	0.000644	-		-	-	ND		0.00187	0.000709
Chlordane	57-74-9				ND	-		-	-	ND		0.0142	0.00563	-		-	-	ND		0.0156	0.00619
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND	-		-	-	ND		0.00212	0.000592	-		-	-	ND		0.00234	0.000651
Delta-BHC	319-86-8	100	100	0.04	ND	-		-	-	ND		0.0017	0.000333	-		-	-	ND		0.00187	0.000366
Dieldrin	60-57-1	0.039	0.2	0.005	ND	-		-	-	ND		0.00106	0.000531	-		-	-	ND		0.00117	0.000584
Endosulfan I	959-98-8	4.8	24	2.4	ND	-		-	-	ND		0.0017	0.000401	-		-	-	ND		0.00187	0.000442
Endosulfan II	33213-65-9	4.8	24	2.4	ND	-		-	-	ND		0.0017	0.000568	-		-	-	ND		0.00187	0.000624
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND	-		-	-	ND		0.000708	0.000337	-		-	-	ND		0.000779	0.000371
Endrin	72-20-8	2.2	11	0.014	ND	-		-	-	ND		0.000708	0.00029	-		-	-	ND		0.000779	0.000319
Endrin aldehyde	7421-93-4				ND	-		-	-	ND		0.00212	0.000743	-		-	-	ND		0.00234	0.000818
Endrin ketone	53494-70-5				ND	-		-	-	ND		0.0017	0.000437	-		-	-	ND		0.00187	0.000481
Heptachlor	76-44-8	0.42	2.1	0.042	ND	-		-	-	ND		0.000849	0.000381	-		-	-	ND		0.000934	0.000419
Heptachlor epoxide	1024-57-3				ND	-		-	-	ND		0.00318	0.000956	-		-	-	ND		0.0035	0.00105
Lindane	58-89-9	0.28	1.3	0.1	ND	-		-	-	ND		0.000708	0.000316	-		-	-	ND		0.000779	0.000348
Methoxychlor	72-43-5				ND	-		-	-	ND		0.00318	0.000991	-		-	-	ND		0.0035	0.00109
Toxaphene	8001-35-2				ND	-		-	-	ND		0.0318	0.00892	-		-	-	ND		0.035	0.00981
trans-Chlordane	5103-74-2				ND	-		-	-	ND		0.00212	0.00056	-		-	-	ND		0.00234	0.000617
POLYCHLORINATED BIPHENYLS BY GC																					

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-12 (0.5-1.0)					SB-13 (1-1.5)					SB-13 (1-1.5)					SB-201 (4-4.5)			
				LAB ID:	L2242456-11					L2242456-12					L2242456-12 R1					L2305142-01			
				COLLECTION DATE:	8/6/2022					8/6/2022					8/6/2022					1/28/2023			
				SAMPLE DEPTH:																			
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																			
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL		Conc	Q	RL	MDL
Aroclor 1016	12674-11-2	1	1	0.1	ND	-		-	-	ND		0.0365	0.00324		-		-	-		ND		0.0387	0.00344
Aroclor 1221	11104-28-2	1	1	0.1	ND	-		-	-	ND		0.0365	0.00366		-		-	-		ND		0.0387	0.00388
Aroclor 1232	11141-16-5	1	1	0.1	ND	-		-	-	ND		0.0365	0.00774		-		-	-		ND		0.0387	0.0082
Aroclor 1242	53469-21-9	1	1	0.1	ND	-		-	-	ND		0.0365	0.00492		-		-	-		ND		0.0387	0.00521
Aroclor 1248	12672-29-6	1	1	0.1	ND	-		-	-	ND		0.0365	0.00548		-		-	-		ND		0.0387	0.0058
Aroclor 1254	11097-69-1	1	1	0.1	ND	-		-	-	ND		0.0365	0.00399		-		-	-		ND		0.0387	0.00423
Aroclor 1260	11096-82-5	1	1	0.1	ND	-		-	-	ND		0.0365	0.00674		-		-	-		ND		0.0387	0.00715
Aroclor 1262	37324-23-5	1	1	0.1	ND	-		-	-	ND		0.0365	0.00464		-		-	-		ND		0.0387	0.00491
Aroclor 1268	11100-14-4	1	1	0.1	ND	-		-	-	ND		0.0365	0.00378		-		-	-		ND		0.0387	0.00401
PCBs, Total	1336-36-3	1	1	0.1	ND	-		-	-	ND		0.0365	0.00324		-		-	-		ND		0.0387	0.00344
TOTAL METALS																							
Aluminum, Total	7429-90-5				8950	-		-	-	5970		8.62	2.33		-		-	-		7680		9.12	2.46
Antimony, Total	7440-36-0				ND	-		-	-	ND		4.31	0.328		-		-	-		1.57	J	4.56	0.346
Arsenic, Total	7440-38-2	16	16	13	0.421	-		-	-	ND		0.862	0.179		-		-	-		5.06		0.912	0.19
Barium, Total	7440-39-3	350	400	350	49	-		-	-	64.3		0.862	0.15		-		-	-		205		0.912	0.159
Beryllium, Total	7440-41-7	14	72	7.2	0.258	-		-	-	0.233	J	0.431	0.028		-		-	-		0.197	J	0.456	0.03
Cadmium, Total	7440-43-9	2.5	4.3	2.5	0.103	-		-	-	ND		0.862	0.085		-		-	-		ND		0.912	0.089
Calcium, Total	7440-70-2				611	-		-	-	1390		8.62	3.02		-		-	-		31100		9.12	3.19
Chromium, Total	7440-47-3				17.6	-		-	-	17.1		0.862	0.083		-		-	-		14.3		0.912	0.088
Cobalt, Total	7440-48-4				3.21	-		-	-	5.42		1.72	0.143		-		-	-		4.38		1.82	0.151
Copper, Total	7440-50-8	270	270	50	13.1	-		-	-	13.4		0.862	0.222		-		-	-		36.7		0.912	0.235
Iron, Total	7439-89-6				12400	-		-	-	12500		4.31	0.778		-		-	-		15800		4.56	0.823
Lead, Total	7439-92-1	400	400	63	3.05	-		-	-	2.72	J	4.31	0.231		-		-	-		56.9		4.56	0.244
Magnesium, Total	7439-95-4				2010	-		-	-	2880		8.62	1.33		-		-	-		2660		9.12	1.4
Manganese, Total	7439-96-5	2000	2000	1600	290	-		-	-	116		0.862	0.137		-		-	-		175		0.912	0.145
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND	-		-	-	ND		0.077	0.05		-		-	-		0.114		0.077	0.05
Nickel, Total	7440-02-0	140	310	30	11	-		-	-	14.2		2.16	0.209		-		-	-		11.7		2.28	0.221
Potassium, Total	7440-09-7				2380	-		-	-	3620		216	12.4		-		-	-		1180		228	13.1
Selenium, Total	7782-49-2	36	180	3.9	ND	-		-	-	0.254	J	1.72	0.222		-		-	-		ND		1.82	0.235
Silver, Total	7440-22-4	36	180	2	ND	-		-	-	ND		0.862	0.244		-		-	-		ND		0.456	0.258
Sodium, Total	7440-23-5				141	-		-	-	111	J	172	2.72		-		-	-		247		182	2.87
Thallium, Total	7440-28-0				ND	-		-	-	ND		1.72	0.272		-		-	-		ND		1.82	0.287
Vanadium, Total	7440-62-2				17.8	-		-	-	18		0.862	0.175		-		-	-		20.6		0.912	0.185
Zinc, Total	7440-66-6	2200	10000	109	21.3	-		-	-	21.7		4.31	0.253		-		-	-		127		4.56	0.267
GENERAL CHEMISTRY																							
Cyanide, Total	57-12-5	27	27	27	ND	-		-	-	ND		1	0.22		-		-	-		ND		1.2	0.25
Solids, Total	NONE				93.5	85.2		0.1	NA	89.7		0.1	NA		-		-	-		84.7		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-202 (1.5-2)					SB-203 (3.5-4)					SB-204 (1-1.5)					SB-205 (2.5-3)				
				LAB ID:	L2305142-02					L2305142-03					L2305142-04					L2305142-05				
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL		Conc	Q	RL	MDL	
VOLATILE ORGANICS BY EPA 5035																								
1,1,1,2-Tetrachloroethane	630-20-6				ND	ND		0.00041	0.00011	ND		0.00034	0.00009		ND		0.00018	0.00005		ND		0.00027	0.00007	
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND	ND		0.00041	0.00014	ND		0.00034	0.00011		ND		0.00018	0.00006		ND		0.00027	0.00009	
1,1,2,2-Tetrachloroethane	79-34-5				ND	ND		0.00041	0.00014	ND		0.00034	0.00011		ND		0.00018	0.00006		ND		0.00027	0.00009	
1,1,2-Trichloroethane	79-00-5				ND	ND		0.00083	0.00022	ND		0.00068	0.00018		ND		0.00037	0.0001		ND		0.00054	0.00014	
1,1-Dichloroethane	75-34-3	19	26	0.27	ND	ND		0.00083	0.00012	ND		0.00068	0.0001		ND		0.00037	0.00005		ND		0.00054	0.00008	
1,1-Dichloroethene	75-35-4	100	100	0.33	ND	ND		0.00083	0.0002	ND		0.00068	0.00016		ND		0.00037	0.00009		ND		0.00054	0.00013	
1,1-Dichloropropene	563-58-6				ND	ND		0.00041	0.00013	ND		0.00034	0.00011		ND		0.00018	0.00006		ND		0.00027	0.00009	
1,2,3-Trichlorobenzene	87-61-6				ND	ND		0.0016	0.00027	ND		0.0014	0.00022		ND		0.00074	0.00012		ND		0.0011	0.00017	
1,2,3-Trichloropropane	96-18-4				ND	ND		0.0016	0.0001	ND		0.0014	0.00009		ND		0.00074	0.00005		ND		0.0011	0.00007	
1,2,4,5-Tetramethylbenzene	95-93-2				ND	ND		0.0016	0.00016	ND		0.0014	0.00013		ND		0.00074	0.00007		ND		0.0011	0.0001	
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.0016	0.00022	ND		0.0014	0.00018		ND		0.00074	0.0001		ND		0.0011	0.00015	
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND	ND		0.0016	0.00028	ND		0.0014	0.00023		ND		0.00074	0.00012		ND		0.0011	0.00018	
1,2-Dibromo-3-chloropropane	96-12-8				ND	ND		0.0025	0.00082	ND		0.002	0.00068		ND		0.0011	0.00037		ND		0.0016	0.00054	
1,2-Dibromoethane	106-93-4				ND	ND		0.00083	0.00023	ND		0.00068	0.00019		ND		0.00037	0.0001		ND		0.00054	0.00015	
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.0016	0.00012	ND		0.0014	0.0001		ND		0.00074	0.00005		ND		0.0011	0.00008	
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND	ND		0.00083	0.00021	ND		0.00068	0.00017		ND		0.00037	0.0001		ND		0.00054	0.00014	
1,2-Dichloroethene, Total	540-59-0				ND	ND		0.00083	0.00011	ND		0.00068	0.00009		ND		0.00037	0.00005		ND		0.00054	0.00007	
1,2-Dichloropropane	78-87-5				ND	ND		0.00083	0.0001	ND		0.00068	0.00009		ND		0.00037	0.00005		ND		0.00054	0.00007	
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND	ND		0.0016	0.00016	ND		0.0014	0.00013		ND		0.00074	0.00007		ND		0.0011	0.0001	
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.0016	0.00012	ND		0.0014	0.0001		ND		0.00074	0.00006		ND		0.0011	0.00008	
1,3-Dichloropropane	142-28-9				ND	ND		0.0016	0.00014	ND		0.0014	0.00011		ND		0.00074	0.00006		ND		0.0011	0.00009	
1,3-Dichloropropene, Total	542-75-6				ND	ND		0.00041	0.00013	ND		0.00034	0.00011		ND		0.00018	0.00006		ND		0.00027	0.00009	
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.0016	0.00014	ND		0.0014	0.00012		ND		0.00074	0.00006		ND		0.0011	0.00009	
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.066	0.029	ND		0.054	0.024		ND		0.03	0.013		ND		0.043	0.019	
2,2-Dichloropropane	594-20-7				ND	ND		0.0016	0.00017	ND		0.0014	0.00014		ND		0.00074	0.00008		ND		0.0011	0.00011	
2-Butanone	78-93-3	100	100	0.12	ND	ND		0.0083	0.0018	ND		0.0068	0.0015		ND		0.0037	0.00082		ND		0.0054	0.0012	
2-Hexanone	591-78-6				ND	ND		0.0083	0.00098	ND		0.0068	0.0008		ND		0.0037	0.00044		ND		0.0054	0.00064	
4-Methyl-2-pentanone	108-10-1				ND	ND		0.0083	0.001	ND		0.0068	0.00087		ND		0.0037	0.00047		ND		0.0054	0.00069	
Acetone	67-64-1	100	100	0.05	0.01	ND		0.0083	0.004	0.012		0.0068	0.0032		ND		0.0037	0.0018		ND		0.0054	0.0026	
Acrylonitrile	107-13-1				ND	ND		0.0033	0.00095	ND		0.0027	0.00078		ND		0.0015	0.00042		ND		0.0022	0.00062	
Benzene	71-43-2	2.9	4.8	0.06	ND	ND		0.00041	0.00014	ND		0.00034	0.00011		ND		0.00018	0.00006		ND		0.00027	0.00009	
Bromobenzene	108-86-1				ND	ND		0.0016	0.00012	ND		0.0014	0.0001		ND		0.00074	0.00005		ND		0.0011	0.00008	
Bromochloromethane	74-97-5				ND	ND		0.0016	0.00017	ND		0.0014	0.00014		ND		0.00074	0.00008		ND		0.0011	0.00011	
Bromodichloromethane	75-27-4				ND	ND		0.00041	0.00009	ND		0.00034	0.00007		ND		0.00018	0.00004		ND		0.00027	0.00006	
Bromoform	75-25-2				ND	ND		0.0033	0.0002	ND		0.0027	0.00017		ND		0.0015	0.00009		ND		0.0022	0.00013	
Bromomethane	74-83-9				ND	ND		0.0016	0.00048	ND		0.0014	0.00039		ND		0.00074	0.00021		ND		0.0011	0.00031	
Carbon disulfide	75-15-0				ND	ND		0.0083	0.0038	ND		0.0068	0.0031		ND		0.0037	0.0017		ND		0.0054	0.0025	
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND	ND		0.00083	0.00019	ND		0.00068	0.00016		ND		0.00037	0.00009		ND		0.00054	0.00012	
Chlorobenzene	108-90-7	100	100	1.1	ND	ND		0.00041	0.0001	ND		0.00034	0.00009		ND		0.00018	0.00005		ND		0.00027	0.00007	
Chloroethane	75-00-3				ND	ND		0.0016	0.00037	ND		0.0014	0.00031		ND		0.00074	0.00017		ND		0.0011	0.00024	
Chloroform	67-66-3	10	49	0.37	ND	ND		0.0012	0.00012	ND		0.001	0.0001		ND		0.00055	0.00005		ND		0.00081	0.00008	
Chloromethane	74-87-3				ND	ND		0.0033	0.00077	ND		0.0027	0.00063		ND		0.0015	0.00034		ND		0.0022	0.0005	
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND	ND		0.00083	0.00014	ND		0.00068	0.00012		ND		0.00037	0.00007		ND		0.00054	0.0001	
cis-1,3-Dichloropropene	10061-01-5				ND	ND		0.00041	0.00013	ND		0.00034	0.00011		ND		0.00018	0.00006		ND		0.00027	0.00009	
Dibromochloromethane	124-48-1				ND	ND		0.00083	0.00012	ND		0.00068	0.0001		ND		0.00037	0.00005		ND		0.00054	0.00008	
Dibromomethane	74-95-3				ND	ND		0.0016	0.0002	ND		0.0014	0.00016		ND		0.00074	0.00009		ND		0.0011	0.00013	
Dichlorodifluoromethane	75-71-8				ND	ND		0.0083	0.00076	ND		0.0068	0.00062		ND		0.0037	0.00034		ND		0.0054	0.00049	
Ethyl ether	60-29-7				ND	ND		0.0016	0.00028	ND		0.0014	0.00023		ND		0.00074	0.00013		ND		0.0011	0.00018	
Ethylbenzene	100-41-4	30	41	1	ND	0.00012	J	0.00083	0.00012	0.00033	J	0.00068	0.0001		ND		0.00037	0.00005		ND		0.00054	0.00008	

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-202 (1.5-2)					SB-203 (3.5-4)					SB-204 (1-1.5)					SB-205 (2.5-3)				
				LAB ID:	L2305142-02					L2305142-03					L2305142-04					L2305142-05				
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Hexachlorobutadiene	87-68-3				ND	ND		0.0033	0.00014	ND		0.0027	0.00011	ND		0.0015	0.00006	ND		0.0022	0.00009
Isopropylbenzene	98-82-8				ND	ND		0.00083	0.00009	ND		0.00068	0.00007	ND		0.00037	0.00004	ND		0.00054	0.00006
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND	ND		0.0016	0.00017	ND		0.0014	0.00014	ND		0.00074	0.00007	ND		0.0011	0.00011
Methylene chloride	75-09-2	51	100	0.05	ND	ND		0.0041	0.0019	ND		0.0034	0.0016	ND		0.0018	0.00085	ND		0.0027	0.0012
n-Butylbenzene	104-51-8	100	100	12	ND	ND		0.00083	0.00014	ND		0.00068	0.00011	ND		0.00037	0.00006	ND		0.00054	0.00009
n-Propylbenzene	103-65-1	100	100	3.9	ND	ND		0.00083	0.00014	ND		0.00068	0.00012	ND		0.00037	0.00006	ND		0.00054	0.00009
Naphthalene	91-20-3	100	100	12	ND	ND		0.0033	0.00054	ND		0.0027	0.00044	ND		0.0015	0.00024	ND		0.0022	0.00035
o-Chlorotoluene	95-49-8				ND	ND		0.0016	0.00016	ND		0.0014	0.00013	ND		0.00074	0.00007	ND		0.0011	0.0001
o-Xylene	95-47-6				ND	ND		0.00083	0.00024	0.00055	J	0.00068	0.0002	ND		0.00037	0.00011	ND		0.00054	0.00016
p-Chlorotoluene	106-43-4				ND	ND		0.0016	0.00009	ND		0.0014	0.00007	ND		0.00074	0.00004	ND		0.0011	0.00006
p-Diethylbenzene	105-05-5				ND	ND		0.0016	0.00015	ND		0.0014	0.00012	ND		0.00074	0.00007	ND		0.0011	0.0001
p-Ethyltoluene	622-96-8				ND	ND		0.0016	0.00032	ND		0.0014	0.00026	ND		0.00074	0.00014	ND		0.0011	0.00021
p-Isopropyltoluene	99-87-6				ND	ND		0.00083	0.00009	ND		0.00068	0.00007	ND		0.00037	0.00004	ND		0.00054	0.00006
p/m-Xylene	179601-23-1				ND	ND		0.0016	0.00046	0.0016		0.0014	0.00038	ND		0.00074	0.00021	ND		0.0011	0.0003
sec-Butylbenzene	135-98-8	100	100	11	ND	ND		0.00083	0.00012	ND		0.00068	0.0001	ND		0.00037	0.00005	ND		0.00054	0.00008
Styrene	100-42-5				0.00064	ND		0.00083	0.00016	ND		0.00068	0.00013	ND		0.00037	0.00007	ND		0.00054	0.00011
tert-Butylbenzene	98-06-6	100	100	5.9	ND	ND		0.0016	0.0001	ND		0.0014	0.00008	ND		0.00074	0.00004	ND		0.0011	0.00006
Tetrachloroethene	127-18-4	5.5	19	1.3	ND	ND		0.00041	0.00016	ND		0.00034	0.00013	ND		0.00018	0.00007	ND		0.00027	0.00011
Toluene	108-88-3	100	100	0.7	ND	ND		0.00083	0.00045	ND		0.00068	0.00037	ND		0.00037	0.0002	ND		0.00054	0.00029
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND	ND		0.0012	0.00011	ND		0.001	0.00009	ND		0.00055	0.00005	ND		0.00081	0.00007
trans-1,3-Dichloropropene	10061-02-6				ND	ND		0.00083	0.00022	ND		0.00068	0.00018	ND		0.00037	0.0001	ND		0.00054	0.00015
trans-1,4-Dichloro-2-butene	110-57-6				ND	ND		0.0041	0.0012	ND		0.0034	0.00096	ND		0.0018	0.00052	ND		0.0027	0.00077
Trichloroethene	79-01-6	10	21	0.47	ND	ND		0.00041	0.00011	ND		0.00034	0.00009	ND		0.00018	0.00005	ND		0.00027	0.00007
Trichlorofluoromethane	75-69-4				ND	ND		0.0033	0.00057	ND		0.0027	0.00047	ND		0.0015	0.00026	ND		0.0022	0.00038
Vinyl acetate	108-05-4				ND	ND		0.0083	0.0018	ND		0.0068	0.0014	ND		0.0037	0.00079	ND		0.0054	0.0012
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND	ND		0.00083	0.00028	ND		0.00068	0.00023	ND		0.00037	0.00012	ND		0.00054	0.00018
Xylenes, Total	1330-20-7	100	100	0.26	ND	ND		0.00083	0.00024	0.0022	J	0.00068	0.0002	ND		0.00037	0.00011	ND		0.00054	0.00016
Total VOCs					0.01064	0.00012	-	-	-	0.01448	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																					
Cyclopentane	000287-92-3				-	-		-	-	-		-	-	-		-	-	0.00137	NJ	0	0
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	-		-	-	-		-	-	-		-	-	-		-	-
No Tentatively Identified Compounds					-	ND		0	0	-		-	-	-		-	-	-		-	-
Pentane	000109-66-0				-	-		-	-	-		-	-	-		-	-	0.00221	NJ	0	0
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					0.00305	-		-	-	0.00276	J	0	0	0.00193	J	0	0	-		-	-
Unknown Cycloalkane					-	-		-	-	-		-	-	0.00124	J	0	0	-	-	-	-
Total TIC Compounds					0.00951	-		-	-	0.00276	J	0	0	0.00317	J	0	0	0.00358	J	0	0
PERFLUORINATED ALKYL ACIDS BY EPA 1633																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-	-		-	-	-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-	-		-	-	-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-	-		-	-	-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-	-		-	-	-		-	-	-		-	-	-		-	-

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-202 (1.5-2)					SB-203 (3.5-4)					SB-204 (1-1.5)					SB-205 (2.5-3)			
				LAB ID:	L2305142-02					L2305142-03					L2305142-04					L2305142-05			
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023			
				SAMPLE DEPTH:																			
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																			
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorohexanoic Acid (PFHxA)	307-24-4				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorononanoic Acid (PFNA)	375-95-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanoic Acid (PFOA)	335-67-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-	-		-	-	-		-	-	-		-	-	-		-	-
PFOA/PFOS, Total					-	-		-	-	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total					ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS																					
1,2,4,5-Tetrachlorobenzene	95-94-3				ND	ND		0.19	0.02	ND		0.18	0.019	ND		0.17	0.018	ND		0.19	0.02
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.19	0.022	ND		0.18	0.02	ND		0.17	0.02	ND		0.19	0.022
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.19	0.034	ND		0.18	0.032	ND		0.17	0.031	ND		0.19	0.034
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.19	0.033	ND		0.18	0.031	ND		0.17	0.03	ND		0.19	0.033
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.19	0.033	ND		0.18	0.031	ND		0.17	0.03	ND		0.19	0.033
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.028	0.0087	ND		0.027	0.0082	ND		0.026	0.008	ND		0.029	0.0088
2,4,5-Trichlorophenol	95-95-4				ND	ND		0.19	0.036	ND		0.18	0.034	ND		0.17	0.034	ND		0.19	0.036
2,4,6-Trichlorophenol	88-06-2				ND	ND		0.11	0.036	ND		0.11	0.034	ND		0.1	0.033	ND		0.11	0.036
2,4-Dichlorophenol	120-83-2				ND	ND		0.17	0.03	ND		0.16	0.029	ND		0.16	0.028	ND		0.17	0.031
2,4-Dimethylphenol	105-67-9				ND	ND		0.19	0.063	ND		0.18	0.059	ND		0.17	0.058	ND		0.19	0.063
2,4-Dinitrophenol	51-28-5				ND	ND		0.91	0.088	ND		0.86	0.084	ND		0.84	0.082	ND		0.92	0.089
2,4-Dinitrotoluene	121-14-2				ND	ND		0.19	0.038	ND		0.18	0.036	ND		0.17	0.035	ND		0.19	0.038
2,6-Dinitrotoluene	606-20-2				ND	ND		0.19	0.033	ND		0.18	0.031	ND		0.17	0.03	ND		0.19	0.033
2-Chloronaphthalene	91-58-7				ND	ND		0.19	0.019	ND		0.18	0.018	ND		0.17	0.017	ND		0.19	0.019
2-Chlorophenol	95-57-8				ND	ND		0.19	0.022	ND		0.18	0.021	ND		0.17	0.021	ND		0.19	0.022
2-Methylnaphthalene	91-57-6				ND	ND		0.23	0.023	ND		0.22	0.022	ND		0.21	0.021	ND		0.23	0.023
2-Methylphenol	95-48-7	100	100	0.33	ND	ND		0.19	0.029	ND		0.18	0.028	ND		0.17	0.027	ND		0.19	0.03

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-202 (1.5-2)					SB-203 (3.5-4)					SB-204 (1-1.5)					SB-205 (2.5-3)				
				LAB ID:	L2305142-02					L2305142-03					L2305142-04					L2305142-05				
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
2-Nitroaniline	88-74-4				ND	ND		0.19	0.037	ND		0.18	0.034	ND		0.17	0.034	ND		0.19	0.037
2-Nitrophenol	88-75-5				ND	ND		0.41	0.071	ND		0.39	0.067	ND		0.38	0.066	ND		0.41	0.072
3,3'-Dichlorobenzidine	91-94-1				ND	ND		0.19	0.05	ND		0.18	0.048	ND		0.17	0.046	ND		0.19	0.051
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	34	100	0.33	ND	ND		0.27	0.03	ND		0.26	0.028	ND		0.25	0.027	ND		0.27	0.03
3-Nitroaniline	99-09-2				ND	ND		0.19	0.036	ND		0.18	0.034	ND		0.17	0.033	ND		0.19	0.036
4,6-Dinitro-o-cresol	534-52-1				ND	ND		0.49	0.091	ND		0.47	0.086	ND		0.45	0.084	ND		0.5	0.092
4-Bromophenyl phenyl ether	101-55-3				ND	ND		0.19	0.029	ND		0.18	0.027	ND		0.17	0.027	ND		0.19	0.029
4-Chloroaniline	106-47-8				ND	ND		0.19	0.034	ND		0.18	0.033	ND		0.17	0.032	ND		0.19	0.035
4-Chlorophenyl phenyl ether	7005-72-3				ND	ND		0.19	0.02	ND		0.18	0.019	ND		0.17	0.019	ND		0.19	0.02
4-Nitroaniline	100-01-6				ND	ND		0.19	0.079	ND		0.18	0.074	ND		0.17	0.072	ND		0.19	0.079
4-Nitrophenol	100-02-7				ND	ND		0.26	0.078	ND		0.25	0.073	ND		0.24	0.071	ND		0.27	0.078
Acenaphthene	83-32-9	100	100	20	ND	ND		0.15	0.02	ND		0.14	0.018	0.044	J	0.14	0.018	ND		0.15	0.02
Acenaphthylene	208-96-8	100	100	100	ND	ND		0.15	0.029	ND		0.14	0.028	ND		0.14	0.027	ND		0.15	0.029
Acetophenone	98-86-2				ND	ND		0.19	0.024	ND		0.18	0.022	ND		0.17	0.022	ND		0.19	0.024
Anthracene	120-12-7	100	100	100	ND	ND		0.11	0.037	ND		0.11	0.035	0.12		0.1	0.034	ND		0.11	0.037
Benzo(a)anthracene	56-55-3	1	1	1	ND	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
Benzo(a)pyrene	50-32-8	1	1	1	ND	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
Benzo(b)fluoranthene	205-99-2	1	1	1	ND	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
Benzo(ghi)perylene	191-24-2	100	100	100	ND	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
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND	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
Benzoic Acid	65-85-0				ND	ND		0.62	0.19	ND		0.58	0.18	ND		0.57	0.18	ND		0.62	0.19
Benzyl Alcohol	100-51-6				ND	ND		0.19	0.058	ND		0.18	0.055	ND		0.17	0.054	ND		0.19	0.058
Biphenyl	92-52-4				ND	ND		0.43	0.025	ND		0.41	0.023	ND		0.4	0.023	ND		0.44	0.025
Bis(2-chloroethoxy)methane	111-91-1				ND	ND		0.2	0.019	ND		0.19	0.018	ND		0.19	0.018	ND		0.21	0.019
Bis(2-chloroethyl)ether	111-44-4				ND	ND		0.17	0.026	ND		0.16	0.024	ND		0.16	0.024	ND		0.17	0.026
Bis(2-chloroisopropyl)ether	108-60-1				ND	ND		0.23	0.032	ND		0.22	0.031	ND		0.21	0.03	ND		0.23	0.033
Bis(2-ethylhexyl)phthalate	117-81-7				ND	ND		0.19	0.066	ND		0.18	0.062	ND		0.17	0.06	ND		0.19	0.066
Butyl benzyl phthalate	85-68-7				ND	ND		0.19	0.048	ND		0.18	0.045	ND		0.17	0.044	ND		0.19	0.048
Carbazole	86-74-8				ND	0.019	J	0.19	0.018	ND		0.18	0.017	0.056	J	0.17	0.017	ND		0.19	0.018
Chrysene	218-01-9	1	3.9	1	ND	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
Di-n-butylphthalate	84-74-2				ND	ND		0.19	0.036	ND		0.18	0.034	ND		0.17	0.033	ND		0.19	0.036
Di-n-octylphthalate	117-84-0				ND	ND		0.19	0.064	ND		0.18	0.061	ND		0.17	0.059	ND		0.19	0.065
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	ND	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
Dibenzofuran	132-64-9	14	59	7	ND	ND		0.19	0.018	ND		0.18	0.017	0.021	J	0.17	0.016	ND		0.19	0.018
Diethyl phthalate	84-66-2				ND	ND		0.19	0.018	ND		0.18	0.017	ND		0.17	0.016	ND		0.19	0.018
Dimethyl phthalate	131-11-3				ND	ND		0.19	0.04	ND		0.18	0.038	ND		0.17	0.037	ND		0.19	0.04
Fluoranthene	206-44-0	100	100	100	ND	0.54		0.11	0.022	0.14		0.11	0.02	0.88		0.1	0.02	0.17		0.11	0.022
Fluorene	86-73-7	100	100	30	ND	ND		0.19	0.018	ND		0.18	0.017	0.043	J	0.17	0.017	ND		0.19	0.018
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND	ND		0.11	0.021	ND		0.11	0.02	ND		0.1	0.02	ND		0.11	0.021
Hexachlorobutadiene	87-68-3				ND	ND		0.19	0.028	ND		0.18	0.026	ND		0.17	0.026	ND		0.19	0.028
Hexachlorocyclopentadiene	77-47-4				ND	ND		0.54	0.17	ND		0.51	0.16	ND		0.5	0.16	ND		0.55	0.17
Hexachloroethane	67-72-1				ND	ND		0.15	0.031	ND		0.14	0.029	ND		0.14	0.028	ND		0.15	0.031
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	ND	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
Isophorone	78-59-1				ND	ND		0.17	0.025	ND		0.16	0.023	ND		0.16	0.023	ND		0.17	0.025
n-Nitrosodi-n-propylamine	621-64-7				ND	ND		0.19	0.029	ND		0.18	0.028	ND		0.17	0.027	ND		0.19	0.029
Naphthalene	91-20-3	100	100	12	ND	ND		0.19	0.023	ND		0.18	0.022	0.03	J	0.17	0.021	ND		0.19	0.023
NDPA/DPA	86-30-6				ND	ND		0.15	0.022	ND		0.14	0.02	ND		0.14	0.02	ND		0.15	0.022
Nitrobenzene	98-95-3				ND	ND		0.17	0.028	ND		0.16	0.026	ND		0.16	0.026	ND		0.17	0.028
p-Chloro-m-cresol	59-50-7				ND	ND		0.19	0.028	ND		0.18	0.027	ND		0.17	0.026	ND		0.19	0.028
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND	ND		0.15	0.042	0.075	J	0.14	0.039	ND		0.14	0.038	ND		0.15	0.042
Phenanthrene	85-01-8	100	100	100	ND	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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-202 (1.5-2)					SB-203 (3.5-4)				SB-204 (1-1.5)				SB-205 (2.5-3)			
				LAB ID:	L2305142-02					L2305142-03				L2305142-04				L2305142-05			
				COLLECTION DATE:	1/28/2023					1/28/2023				1/28/2023				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Phenol	108-95-2	100	100	0.33	ND	ND		0.19	0.029	ND		0.18	0.027	ND		0.17	0.026	ND		0.19	0.029
Pyrene	129-00-0	100	100	100	ND	0.49		0.11	0.019	0.12		0.11	0.018	0.72		0.1	0.017	0.16		0.11	0.019
Total SVOCs					-	3.387	-	-	-	0.908	-	-	-	4.943	-	-	-	1.227	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																					
No Tentatively Identified Compounds					ND	-		-	-	ND		0	0	-		-	-	ND		0	0
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alcohol					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	0.264	J	0	0	-		-	-	0.282	J	0	0	-		-	-
Unknown Thiophene					-	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds					-	0.264	J	0	0	-		-	-	0.282	J	0	0	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																					
4,4'-DDD	72-54-8	2.6	13	0.0033	ND	ND		0.00181	0.000644	0.0212		0.00166	0.000593	0.0192		0.00163	0.00058	ND		0.00179	0.000638
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND	ND		0.00181	0.000418	0.0183		0.00166	0.000385	0.0414		0.00163	0.000376	ND		0.00179	0.000414
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND	ND		0.00181	0.00145	0.0151		0.00166	0.00134	0.0421		0.00163	0.00131	ND		0.00179	0.00144
Aldrin	309-00-2	0.019	0.097	0.005	ND	ND		0.00181	0.000636	ND		0.00166	0.000586	ND		0.00163	0.000573	ND		0.00179	0.00063
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND	ND		0.000753	0.000214	ND		0.000693	0.000197	ND		0.000678	0.000192	ND		0.000745	0.000212
Beta-BHC	319-85-7	0.072	0.36	0.036	ND	ND		0.00181	0.000685	ND		0.00166	0.000631	ND		0.00163	0.000617	ND		0.00179	0.000678
Chlordane	57-74-9				ND	ND		0.015	0.00598	0.0392	P	0.0139	0.00551	0.121		0.0136	0.00539	ND		0.0149	0.00592
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND	ND		0.00226	0.000629	0.00752		0.00208	0.000579	0.0108		0.00203	0.000567	ND		0.00224	0.000623
Delta-BHC	319-86-8	100	100	0.04	ND	ND		0.00181	0.000354	ND		0.00166	0.000326	ND		0.00163	0.000318	ND		0.00179	0.00035
Dieldrin	60-57-1	0.039	0.2	0.005	ND	ND		0.00113	0.000564	0.00706		0.00104	0.00052	ND		0.00102	0.000508	ND		0.00112	0.000559
Endosulfan I	959-98-8	4.8	24	2.4	ND	ND		0.00181	0.000427	ND		0.00166	0.000393	ND		0.00163	0.000384	ND		0.00179	0.000422
Endosulfan II	33213-65-9	4.8	24	2.4	ND	ND		0.00181	0.000604	ND		0.00166	0.000556	ND		0.00163	0.000544	ND		0.00179	0.000598
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND	ND		0.000753	0.000358	ND		0.000693	0.00033	ND		0.000678	0.000323	ND		0.000745	0.000355
Endrin	72-20-8	2.2	11	0.014	ND	ND		0.000753	0.000308	ND		0.000693	0.000284	ND		0.000678	0.000278	ND		0.000745	0.000306
Endrin aldehyde	7421-93-4				ND	ND		0.00226	0.00079	ND		0.00208	0.000728	ND		0.00203	0.000712	ND		0.00224	0.000782
Endrin ketone	53494-70-5				ND	ND		0.00181	0.000465	ND		0.00166	0.000428	ND		0.00163	0.000419	ND		0.00179	0.00046
Heptachlor	76-44-8	0.42	2.1	0.042	ND	ND		0.000903	0.000405	ND		0.000832	0.000373	ND		0.000813	0.000365	ND		0.000894	0.000401
Heptachlor epoxide	1024-57-3				ND	ND		0.00339	0.00102	ND		0.00312	0.000936	ND		0.00305	0.000915	ND		0.00335	0.00101
Lindane	58-89-9	0.28	1.3	0.1	ND	ND		0.000753	0.000336	ND		0.000693	0.00031	ND		0.000678	0.000303	ND		0.000745	0.000333
Methoxychlor	72-43-5				ND	ND		0.00339	0.00105	ND		0.00312	0.00097	ND		0.00305	0.000949	ND		0.00335	0.00104
Toxaphene	8001-35-2				ND	ND		0.0339	0.00948	ND		0.0312	0.00873	ND		0.0305	0.00854	ND		0.0335	0.00939
trans-Chlordane	5103-74-2				ND	ND		0.00226	0.000596	0.00637		0.00208	0.000549	0.00876		0.00203	0.000537	ND		0.00224	0.00059
POLYCHLORINATED BIPHENYLS BY GC																					

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-202 (1.5-2)					SB-203 (3.5-4)				SB-204 (1-1.5)				SB-205 (2.5-3)			
				LAB ID:	L2305142-02					L2305142-03				L2305142-04				L2305142-05			
				COLLECTION DATE:	1/28/2023					1/28/2023				1/28/2023				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	12674-11-2	1	1	0.1	ND	ND		0.0379	0.00336	ND		0.0345	0.00306	ND		0.0346	0.00307	ND		0.037	0.00329
Aroclor 1221	11104-28-2	1	1	0.1	ND	ND		0.0379	0.0038	ND		0.0345	0.00345	ND		0.0346	0.00347	ND		0.037	0.00371
Aroclor 1232	11141-16-5	1	1	0.1	ND	ND		0.0379	0.00803	ND		0.0345	0.00731	ND		0.0346	0.00734	ND		0.037	0.00785
Aroclor 1242	53469-21-9	1	1	0.1	ND	ND		0.0379	0.0051	ND		0.0345	0.00465	ND		0.0346	0.00467	ND		0.037	0.00499
Aroclor 1248	12672-29-6	1	1	0.1	ND	ND		0.0379	0.00568	ND		0.0345	0.00517	ND		0.0346	0.00519	ND		0.037	0.00555
Aroclor 1254	11097-69-1	1	1	0.1	ND	ND		0.0379	0.00414	ND		0.0345	0.00377	ND		0.0346	0.00379	ND		0.037	0.00405
Aroclor 1260	11096-82-5	1	1	0.1	ND	ND		0.0379	0.007	0.0072	J	0.0345	0.00637	0.0086	J	0.0346	0.0064	ND		0.037	0.00684
Aroclor 1262	37324-23-5	1	1	0.1	ND	ND		0.0379	0.00481	ND		0.0345	0.00438	ND		0.0346	0.0044	ND		0.037	0.0047
Aroclor 1268	11100-14-4	1	1	0.1	ND	ND		0.0379	0.00392	ND		0.0345	0.00357	0.00408	J	0.0346	0.00359	ND		0.037	0.00384
PCBs, Total	1336-36-3	1	1	0.1	ND	ND		0.0379	0.00336	0.0072	J	0.0345	0.00306	0.0127	J	0.0346	0.00307	ND		0.037	0.00329
TOTAL METALS																					
Aluminum, Total	7429-90-5				8950	9520		9.06	2.44	9400		8.59	2.32	8130		8.52	2.3	1910		9.12	2.46
Antimony, Total	7440-36-0				ND	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
Arsenic, Total	7440-38-2	16	16	13	0.421	5.84		0.906	0.188	4.12		0.859	0.179	7.74		0.852	0.177	7.81		0.912	0.19
Barium, Total	7440-39-3	350	400	350	49	131		0.906	0.158	76.8		0.859	0.15	91.1		0.852	0.148	38.3		0.912	0.159
Beryllium, Total	7440-41-7	14	72	7.2	0.258	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
Cadmium, Total	7440-43-9	2.5	4.3	2.5	0.103	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
Calcium, Total	7440-70-2				611	13700		9.06	3.17	3870		8.59	3.01	1040		8.52	2.98	149000		91.2	31.9
Chromium, Total	7440-47-3				17.6	17.2		0.906	0.087	18.1		0.859	0.083	15		0.852	0.082	3.81		0.912	0.088
Cobalt, Total	7440-48-4				3.21	5.52		1.81	0.15	5.26		1.72	0.143	4.02		1.7	0.142	2.63		1.82	0.151
Copper, Total	7440-50-8	270	270	50	13.1	23.7		0.906	0.234	19.7		0.859	0.222	35.8		0.852	0.22	14.5		0.912	0.235
Iron, Total	7439-89-6				12400	14000		4.53	0.818	14500		4.3	0.776	11700		4.26	0.77	6440		4.56	0.824
Lead, Total	7439-92-1	400	400	63	3.05	505		4.53	0.243	334		4.3	0.23	287		4.26	0.228	89.3		4.56	0.244
Magnesium, Total	7439-95-4				2010	4580		9.06	1.39	2420		8.59	1.32	1770		8.52	1.31	69100		9.12	1.4
Manganese, Total	7439-96-5	2000	2000	1600	290	343		0.906	0.144	334		0.859	0.137	261		0.852	0.136	116		0.912	0.145
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND	23		0.794	0.518	0.079		0.072	0.047	0.341		0.072	0.047	0.158		0.077	0.051
Nickel, Total	7440-02-0	140	310	30	11	11.8		2.26	0.219	12.7		2.15	0.208	10.6		2.13	0.206	5.35		2.28	0.221
Potassium, Total	7440-09-7				2380	1120		226	13	1540		215	12.4	864		213	12.3	364		228	13.1
Selenium, Total	7782-49-2	36	180	3.9	ND	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
Silver, Total	7440-22-4	36	180	2	ND	ND		0.453	0.256	ND		0.43	0.243	ND		0.426	0.241	ND		0.456	0.258
Sodium, Total	7440-23-5				141	272		181	2.85	276		172	2.71	54.8	J	170	2.68	188		182	2.87
Thallium, Total	7440-28-0				ND	ND		1.81	0.285	ND		1.72	0.271	ND		1.7	0.268	0.468	J	1.82	0.287
Vanadium, Total	7440-62-2				17.8	23.6		0.906	0.184	23.5		0.859	0.174	21.9		0.852	0.173	10.8		0.912	0.185
Zinc, Total	7440-66-6	2200	10000	109	21.3	213		4.53	0.265	102		4.3	0.252	164		4.26	0.25	43		4.56	0.267
GENERAL CHEMISTRY																					
Cyanide, Total	57-12-5	27	27	27	ND	ND		1.1	0.23	ND		1	0.21	ND		1	0.22	ND		1.1	0.23
Solids, Total	NONE				93.5	86		0.1	NA	92.5		0.1	NA	92.5		0.1	NA	86.8		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-206 (3.5-4)					SB-207 (3-3.5)				SB-208 (4-4.5)				SB-209 (2.5-3)			
				LAB ID:	L2305142-06					L2305142-07				L2305142-08				L2305142-09			
				COLLECTION DATE:	1/28/2023					1/28/2023				1/28/2023				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																					
1,1,1,2-Tetrachloroethane	630-20-6				ND	ND		0.00036	0.0001	ND		0.00031	0.00008	ND		0.00024	0.00006	ND		0.00025	0.00007
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND	ND		0.00036	0.00012	ND		0.00031	0.0001	ND		0.00024	0.00008	ND		0.00025	0.00008
1,1,2,2-Tetrachloroethane	79-34-5				ND	ND		0.00036	0.00012	ND		0.00031	0.0001	ND		0.00024	0.00008	ND		0.00025	0.00008
1,1,2-Trichloroethane	79-00-5				ND	ND		0.00072	0.00019	ND		0.00062	0.00017	ND		0.00047	0.00013	ND		0.00049	0.00013
1,1-Dichloroethane	75-34-3	19	26	0.27	ND	ND		0.00072	0.0001	ND		0.00062	0.00009	ND		0.00047	0.00007	ND		0.00049	0.00007
1,1-Dichloroethene	75-35-4	100	100	0.33	ND	ND		0.00072	0.00017	ND		0.00062	0.00015	ND		0.00047	0.00011	ND		0.00049	0.00012
1,1-Dichloropropene	563-58-6				ND	ND		0.00036	0.00011	ND		0.00031	0.0001	ND		0.00024	0.00008	ND		0.00025	0.00008
1,2,3-Trichlorobenzene	87-61-6				ND	ND		0.0014	0.00023	ND		0.0012	0.0002	ND		0.00095	0.00015	ND		0.00098	0.00016
1,2,3-Trichloropropane	96-18-4				ND	ND		0.0014	0.00009	ND		0.0012	0.00008	ND		0.00095	0.00006	ND		0.00098	0.00006
1,2,4,5-Tetramethylbenzene	95-93-2				ND	ND		0.0014	0.00014	ND		0.0012	0.00012	ND		0.00095	0.00009	ND		0.00098	0.00009
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.0014	0.0002	ND		0.0012	0.00017	ND		0.00095	0.00013	ND		0.00098	0.00013
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND	ND		0.0014	0.00024	ND		0.0012	0.00021	ND		0.00095	0.00016	ND		0.00098	0.00016
1,2-Dibromo-3-chloropropane	96-12-8				ND	ND		0.0022	0.00072	ND		0.0019	0.00062	ND		0.0014	0.00047	ND		0.0015	0.00049
1,2-Dibromoethane	106-93-4				ND	ND		0.00072	0.0002	ND		0.00062	0.00017	ND		0.00047	0.00013	ND		0.00049	0.00014
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.0014	0.0001	ND		0.0012	0.00009	ND		0.00095	0.00007	ND		0.00098	0.00007
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND	ND		0.00072	0.00018	ND		0.00062	0.00016	ND		0.00047	0.00012	ND		0.00049	0.00013
1,2-Dichloroethene, Total	540-59-0				ND	ND		0.00072	0.0001	ND		0.00062	0.00009	ND		0.00047	0.00007	ND		0.00049	0.00007
1,2-Dichloropropane	78-87-5				ND	ND		0.00072	0.00009	ND		0.00062	0.00008	ND		0.00047	0.00006	ND		0.00049	0.00006
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND	ND		0.0014	0.00014	ND		0.0012	0.00012	ND		0.00095	0.00009	ND		0.00098	0.0001
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.0014	0.00011	ND		0.0012	0.00009	ND		0.00095	0.00007	ND		0.00098	0.00007
1,3-Dichloropropane	142-28-9				ND	ND		0.0014	0.00012	ND		0.0012	0.0001	ND		0.00095	0.00008	ND		0.00098	0.00008
1,3-Dichloropropene, Total	542-75-6				ND	ND		0.00036	0.00011	ND		0.00031	0.0001	ND		0.00024	0.00008	ND		0.00025	0.00008
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.0014	0.00012	ND		0.0012	0.00011	ND		0.00095	0.00008	ND		0.00098	0.00008
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.058	0.025	ND		0.05	0.022	ND		0.038	0.017	ND		0.039	0.017
2,2-Dichloropropane	594-20-7				ND	ND		0.0014	0.00014	ND		0.0012	0.00012	ND		0.00095	0.0001	ND		0.00098	0.0001
2-Butanone	78-93-3	100	100	0.12	ND	ND		0.0072	0.0016	ND		0.0062	0.0014	ND		0.0047	0.001	ND		0.0049	0.0011
2-Hexanone	591-78-6				ND	ND		0.0072	0.00085	ND		0.0062	0.00073	ND		0.0047	0.00056	ND		0.0049	0.00058
4-Methyl-2-pentanone	108-10-1				ND	ND		0.0072	0.00092	ND		0.0062	0.0008	ND		0.0047	0.00061	ND		0.0049	0.00063
Acetone	67-64-1	100	100	0.05	0.01	ND		0.0072	0.0035	ND		0.0062	0.003	ND		0.0047	0.0023	ND		0.0049	0.0024
Acrylonitrile	107-13-1				ND	ND		0.0029	0.00083	ND		0.0025	0.00072	ND		0.0019	0.00055	ND		0.002	0.00057
Benzene	71-43-2	2.9	4.8	0.06	ND	ND		0.00036	0.00012	ND		0.00031	0.0001	ND		0.00024	0.00008	ND		0.00025	0.00008
Bromobenzene	108-86-1				ND	ND		0.0014	0.0001	ND		0.0012	0.00009	ND		0.00095	0.00007	ND		0.00098	0.00007
Bromochloromethane	74-97-5				ND	ND		0.0014	0.00015	ND		0.0012	0.00013	ND		0.00095	0.0001	ND		0.00098	0.0001
Bromodichloromethane	75-27-4				ND	ND		0.00036	0.00008	ND		0.00031	0.00007	ND		0.00024	0.00005	ND		0.00025	0.00005
Bromoform	75-25-2				ND	ND		0.0029	0.00018	ND		0.0025	0.00015	ND		0.0019	0.00012	ND		0.002	0.00012
Bromomethane	74-83-9				ND	ND		0.0014	0.00042	ND		0.0012	0.00036	ND		0.00095	0.00028	ND		0.00098	0.00029
Carbon disulfide	75-15-0				ND	ND		0.0072	0.0033	ND		0.0062	0.0028	ND		0.0047	0.0022	ND		0.0049	0.0022
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND	ND		0.00072	0.00016	ND		0.00062	0.00014	ND		0.00047	0.00011	ND		0.00049	0.00011
Chlorobenzene	108-90-7	100	100	1.1	ND	ND		0.00036	0.00009	ND		0.00031	0.00008	ND		0.00024	0.00006	ND		0.00025	0.00006
Chloroethane	75-00-3				ND	ND		0.0014	0.00032	ND		0.0012	0.00028	ND		0.00095	0.00021	ND		0.00098	0.00022
Chloroform	67-66-3	10	49	0.37	ND	ND		0.0011	0.0001	ND		0.00093	0.00009	ND		0.00071	0.00007	ND		0.00074	0.00007
Chloromethane	74-87-3				ND	ND		0.0029	0.00067	ND		0.0025	0.00058	ND		0.0019	0.00044	ND		0.002	0.00046
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND	ND		0.00072	0.00013	ND		0.00062	0.00011	ND		0.00047	0.00008	ND		0.00049	0.00009
cis-1,3-Dichloropropene	10061-01-5				ND	ND		0.00036	0.00011	ND		0.00031	0.0001	ND		0.00024	0.00008	ND		0.00025	0.00008
Dibromochloromethane	124-48-1				ND	ND		0.00072	0.0001	ND		0.00062	0.00009	ND		0.00047	0.00007	ND		0.00049	0.00007
Dibromomethane	74-95-3				ND	ND		0.0014	0.00017	ND		0.0012	0.00015	ND		0.00095	0.00011	ND		0.00098	0.00012
Dichlorodifluoromethane	75-71-8				ND	ND		0.0072	0.00066	ND		0.0062	0.00057	ND		0.0047	0.00043	ND		0.0049	0.00045
Ethyl ether	60-29-7				ND	ND		0.0014	0.00024	ND		0.0012	0.00021	ND		0.00095	0.00016	ND		0.00098	0.00017
Ethylbenzene	100-41-4	30	41	1	ND	ND		0.00072	0.0001	ND		0.00062	0.00009	0.00035	J	0.00047	0.00007	ND		0.00049	0.00007

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-206 (3.5-4)					SB-207 (3-3.5)				SB-208 (4-4.5)				SB-209 (2.5-3)			
				LAB ID:	L2305142-06					L2305142-07				L2305142-08				L2305142-09			
				COLLECTION DATE:	1/28/2023					1/28/2023				1/28/2023				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Hexachlorobutadiene	87-68-3				ND	ND		0.0029	0.00012	ND		0.0025	0.0001	ND		0.0019	0.00008	ND		0.002	0.00008
Isopropylbenzene	98-82-8				ND	ND		0.00072	0.00008	ND		0.00062	0.00007	ND		0.00047	0.00005	ND		0.00049	0.00005
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND	ND		0.0014	0.00014	ND		0.0012	0.00012	ND		0.00095	0.0001	ND		0.00098	0.0001
Methylene chloride	75-09-2	51	100	0.05	ND	ND		0.0036	0.0016	ND		0.0031	0.0014	ND		0.0024	0.0011	ND		0.0025	0.0011
n-Butylbenzene	104-51-8	100	100	12	ND	ND		0.00072	0.00012	ND		0.00062	0.0001	ND		0.00047	0.00008	ND		0.00049	0.00008
n-Propylbenzene	103-65-1	100	100	3.9	ND	ND		0.00072	0.00012	ND		0.00062	0.00011	ND		0.00047	0.00008	ND		0.00049	0.00008
Naphthalene	91-20-3	100	100	12	ND	ND		0.0029	0.00047	ND		0.0025	0.0004	ND		0.0019	0.00031	ND		0.002	0.00032
o-Chlorotoluene	95-49-8				ND	ND		0.0014	0.00014	ND		0.0012	0.00012	ND		0.00095	0.00009	ND		0.00098	0.00009
o-Xylene	95-47-6				ND	ND		0.00072	0.00021	ND		0.00062	0.00018	0.00055		0.00047	0.00014	ND		0.00049	0.00014
p-Chlorotoluene	106-43-4				ND	ND		0.0014	0.00008	ND		0.0012	0.00007	ND		0.00095	0.00005	ND		0.00098	0.00005
p-Diethylbenzene	105-05-5				ND	ND		0.0014	0.00013	ND		0.0012	0.00011	ND		0.00095	0.00008	ND		0.00098	0.00009
p-Ethyltoluene	622-96-8				ND	ND		0.0014	0.00028	ND		0.0012	0.00024	ND		0.00095	0.00018	ND		0.00098	0.00019
p-Isopropyltoluene	99-87-6				ND	ND		0.00072	0.00008	ND		0.00062	0.00007	ND		0.00047	0.00005	ND		0.00049	0.00005
p/m-Xylene	179601-23-1				ND	ND		0.0014	0.0004	ND		0.0012	0.00035	0.0016		0.00095	0.00026	ND		0.00098	0.00028
sec-Butylbenzene	135-98-8	100	100	11	ND	ND		0.00072	0.0001	ND		0.00062	0.00009	ND		0.00047	0.00007	ND		0.00049	0.00007
Styrene	100-42-5				0.00064	ND		0.00072	0.00014	ND		0.00062	0.00012	ND		0.00047	0.00009	ND		0.00049	0.0001
tert-Butylbenzene	98-06-6	100	100	5.9	ND	ND		0.0014	0.00009	ND		0.0012	0.00007	ND		0.00095	0.00006	ND		0.00098	0.00006
Tetrachloroethene	127-18-4	5.5	19	1.3	ND	ND		0.00036	0.00014	ND		0.00031	0.00012	ND		0.00024	0.00009	ND		0.00025	0.0001
Toluene	108-88-3	100	100	0.7	ND	ND		0.00072	0.00039	ND		0.00062	0.00034	ND		0.00047	0.00026	ND		0.00049	0.00027
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND	ND		0.0011	0.0001	ND		0.00093	0.00009	ND		0.00071	0.00007	ND		0.00074	0.00007
trans-1,3-Dichloropropene	10061-02-6				ND	ND		0.00072	0.0002	ND		0.00062	0.00017	ND		0.00047	0.00013	ND		0.00049	0.00013
trans-1,4-Dichloro-2-butene	110-57-6				ND	ND		0.0036	0.001	ND		0.0031	0.00088	ND		0.0024	0.00067	ND		0.0025	0.0007
Trichloroethene	79-01-6	10	21	0.47	ND	ND		0.00036	0.0001	ND		0.00031	0.00009	ND		0.00024	0.00007	ND		0.00025	0.00007
Trichlorofluoromethane	75-69-4				ND	ND		0.0029	0.0005	ND		0.0025	0.00043	ND		0.0019	0.00033	ND		0.002	0.00034
Vinyl acetate	108-05-4				ND	ND		0.0072	0.0015	ND		0.0062	0.0013	ND		0.0047	0.001	ND		0.0049	0.001
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND	ND		0.00072	0.00024	ND		0.00062	0.00021	ND		0.00047	0.00016	ND		0.00049	0.00016
Xylenes, Total	1330-20-7	100	100	0.26	ND	ND		0.00072	0.00021	ND		0.00062	0.00018	0.0022		0.00047	0.00014	ND		0.00049	0.00014
Total VOCs					0.01064	-	-	-	-	-	-	-	-	0.0025	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																					
Cyclopentane	000287-92-3				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	-		-	-	-		-	-	-		-	-	-		-	-
No Tentatively Identified Compounds					-	ND		0	0	ND		0	0	ND		0	0	ND		0	0
Pentane	000109-66-0				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					0.00305	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Cycloalkane					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds					0.00951	-		-	-	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-	-		-	-	-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-	-		-	-	-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-	-		-	-	-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-	-		-	-	-		-	-	-		-	-	-		-	-

ALPHA ANALYTICAL
World Class Chemistry

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-206 (3.5-4)					SB-207 (3-3.5)					SB-208 (4-4.5)					SB-209 (2.5-3)			
				LAB ID:	L2305142-06					L2305142-07					L2305142-08					L2305142-09			
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023			
				SAMPLE DEPTH:																			
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																			
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorohexanoic Acid (PFHxA)	307-24-4				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorononanoic Acid (PFNA)	375-95-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorooctanoic Acid (PFOA)	335-67-1				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-	-		-	-	-		-	-	-		-	-	-		-	-
PFOA/PFOS, Total					-	-		-	-	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total					ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS																					
1,2,4,5-Tetrachlorobenzene	95-94-3				ND	ND		0.19	0.02	ND		0.19	0.02	ND		0.19	0.02	ND		0.19	0.02
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.19	0.022	ND		0.19	0.022	ND		0.19	0.022	ND		0.19	0.022
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.19	0.034	ND		0.19	0.034	ND		0.19	0.034	ND		0.19	0.035
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.19	0.033	ND		0.19	0.033	ND		0.19	0.032	ND		0.19	0.033
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.19	0.033	ND		0.19	0.033	ND		0.19	0.033	ND		0.19	0.034
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.028	0.0087	ND		0.028	0.0088	ND		0.028	0.0087	ND		0.029	0.0089
2,4,5-Trichlorophenol	95-95-4				ND	ND		0.19	0.036	ND		0.19	0.036	ND		0.19	0.036	ND		0.19	0.037
2,4,6-Trichlorophenol	88-06-2				ND	ND		0.11	0.036	ND		0.11	0.036	ND		0.11	0.036	ND		0.12	0.037
2,4-Dichlorophenol	120-83-2				ND	ND		0.17	0.03	ND		0.17	0.031	ND		0.17	0.03	ND		0.17	0.031
2,4-Dimethylphenol	105-67-9				ND	ND		0.19	0.063	ND		0.19	0.063	ND		0.19	0.062	ND		0.19	0.064
2,4-Dinitrophenol	51-28-5				ND	ND		0.91	0.088	ND		0.91	0.089	ND		0.91	0.088	ND		0.93	0.09
2,4-Dinitrotoluene	121-14-2				ND	ND		0.19	0.038	ND		0.19	0.038	ND		0.19	0.038	ND		0.19	0.039
2,6-Dinitrotoluene	606-20-2				ND	ND		0.19	0.033	ND		0.19	0.033	ND		0.19	0.032	ND		0.19	0.033
2-Chloronaphthalene	91-58-7				ND	ND		0.19	0.019	ND		0.19	0.019	ND		0.19	0.019	ND		0.19	0.019
2-Chlorophenol	95-57-8				ND	ND		0.19	0.022	ND		0.19	0.022	ND		0.19	0.022	ND		0.19	0.023
2-Methylnaphthalene	91-57-6				ND	ND		0.23	0.023	ND		0.23	0.023	ND		0.23	0.023	ND		0.23	0.023
2-Methylphenol	95-48-7	100	100	0.33	ND	ND		0.19	0.029	ND		0.19	0.03	ND		0.19	0.029	ND		0.19	0.03

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-206 (3.5-4)					SB-207 (3-3.5)					SB-208 (4-4.5)					SB-209 (2.5-3)				
				LAB ID:	L2305142-06					L2305142-07					L2305142-08					L2305142-09				
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
2-Nitroaniline	88-74-4				ND	ND		0.19	0.037	ND		0.19	0.037	ND		0.19	0.036	ND		0.19	0.037
2-Nitrophenol	88-75-5				ND	ND		0.41	0.071	ND		0.41	0.072	ND		0.41	0.071	ND		0.42	0.073
3,3'-Dichlorobenzidine	91-94-1				ND	ND		0.19	0.05	ND		0.19	0.051	ND		0.19	0.05	ND		0.19	0.052
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	34	100	0.33	ND	ND		0.27	0.03	ND		0.27	0.03	ND		0.27	0.03	ND		0.28	0.03
3-Nitroaniline	99-09-2				ND	ND		0.19	0.036	ND		0.19	0.036	ND		0.19	0.036	ND		0.19	0.036
4,6-Dinitro-o-cresol	534-52-1				ND	ND		0.49	0.091	ND		0.49	0.091	ND		0.49	0.091	ND		0.5	0.093
4-Bromophenyl phenyl ether	101-55-3				ND	ND		0.19	0.029	ND		0.19	0.029	ND		0.19	0.029	ND		0.19	0.03
4-Chloroaniline	106-47-8				ND	ND		0.19	0.034	ND		0.19	0.035	ND		0.19	0.034	ND		0.19	0.035
4-Chlorophenyl phenyl ether	7005-72-3				ND	ND		0.19	0.02	ND		0.19	0.02	ND		0.19	0.02	ND		0.19	0.021
4-Nitroaniline	100-01-6				ND	ND		0.19	0.079	ND		0.19	0.079	ND		0.19	0.078	ND		0.19	0.08
4-Nitrophenol	100-02-7				ND	ND		0.26	0.078	ND		0.27	0.078	ND		0.26	0.077	ND		0.27	0.079
Acenaphthene	83-32-9	100	100	20	ND	ND		0.15	0.02	0.023	J	0.15	0.02	0.067	J	0.15	0.02	0.06	J	0.16	0.02
Acenaphthylene	208-96-8	100	100	100	ND	ND		0.15	0.029	0.064	J	0.15	0.029	0.032	J	0.15	0.029	0.031	J	0.16	0.03
Acetophenone	98-86-2				ND	ND		0.19	0.024	ND		0.19	0.024	ND		0.19	0.023	ND		0.19	0.024
Anthracene	120-12-7	100	100	100	ND	ND		0.11	0.037	0.093	J	0.11	0.037	0.13		0.11	0.037	0.14		0.12	0.038
Benzo(a)anthracene	56-55-3	1	1	1	ND	0.051	J	0.11	0.021	0.58		0.11	0.021	0.42		0.11	0.021	0.62		0.12	0.022
Benzo(a)pyrene	50-32-8	1	1	1	ND	0.062	J	0.15	0.046	0.63		0.15	0.046	0.38		0.15	0.046	0.58		0.16	0.047
Benzo(b)fluoranthene	205-99-2	1	1	1	ND	0.074	J	0.11	0.032	0.77		0.11	0.032	0.46		0.11	0.032	0.67		0.12	0.033
Benzo(ghi)perylene	191-24-2	100	100	100	ND	0.042	J	0.15	0.022	0.37		0.15	0.022	0.22		0.15	0.022	0.32		0.16	0.023
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND	ND		0.11	0.03	0.24		0.11	0.03	0.17		0.11	0.03	0.26		0.12	0.031
Benzoic Acid	65-85-0				ND	ND		0.62	0.19	ND		0.62	0.19	ND		0.61	0.19	ND		0.63	0.2
Benzyl Alcohol	100-51-6				ND	ND		0.19	0.058	ND		0.19	0.058	ND		0.19	0.058	ND		0.19	0.059
Biphenyl	92-52-4				ND	ND		0.43	0.025	ND		0.43	0.025	ND		0.43	0.025	ND		0.44	0.025
Bis(2-chloroethoxy)methane	111-91-1				ND	ND		0.2	0.019	ND		0.2	0.019	ND		0.2	0.019	ND		0.21	0.019
Bis(2-chloroethyl)ether	111-44-4				ND	ND		0.17	0.026	ND		0.17	0.026	ND		0.17	0.026	ND		0.17	0.026
Bis(2-chloroisopropyl)ether	108-60-1				ND	ND		0.23	0.032	ND		0.23	0.032	ND		0.23	0.032	ND		0.23	0.033
Bis(2-ethylhexyl)phthalate	117-81-7				ND	ND		0.19	0.066	ND		0.19	0.066	ND		0.19	0.066	ND		0.19	0.067
Butyl benzyl phthalate	85-68-7				ND	ND		0.19	0.048	ND		0.19	0.048	ND		0.19	0.048	ND		0.19	0.049
Carbazole	86-74-8				ND	ND		0.19	0.018	0.036	J	0.19	0.018	0.056	J	0.19	0.018	0.042	J	0.19	0.019
Chrysene	218-01-9	1	3.9	1	ND	0.051	J	0.11	0.02	0.6		0.11	0.02	0.39		0.11	0.02	0.58		0.12	0.02
Di-n-butylphthalate	84-74-2				ND	ND		0.19	0.036	ND		0.19	0.036	ND		0.19	0.036	ND		0.19	0.037
Di-n-octylphthalate	117-84-0				ND	ND		0.19	0.064	ND		0.19	0.065	ND		0.19	0.064	ND		0.19	0.066
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	ND	ND		0.11	0.022	0.088	J	0.11	0.022	0.057	J	0.11	0.022	0.083	J	0.12	0.022
Dibenzofuran	132-64-9	14	59	7	ND	ND		0.19	0.018	ND		0.19	0.018	0.022	J	0.19	0.018	ND		0.19	0.018
Diethyl phthalate	84-66-2				ND	ND		0.19	0.018	ND		0.19	0.018	ND		0.19	0.018	ND		0.19	0.018
Dimethyl phthalate	131-11-3				ND	ND		0.19	0.04	ND		0.19	0.04	ND		0.19	0.04	ND		0.19	0.041
Fluoranthene	206-44-0	100	100	100	ND	0.077	J	0.11	0.022	1		0.11	0.022	0.78		0.11	0.022	1.1		0.12	0.022
Fluorene	86-73-7	100	100	30	ND	ND		0.19	0.018	0.028	J	0.19	0.018	0.051	J	0.19	0.018	0.034	J	0.19	0.019
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND	ND		0.11	0.021	ND		0.11	0.021	ND		0.11	0.021	ND		0.12	0.022
Hexachlorobutadiene	87-68-3				ND	ND		0.19	0.028	ND		0.19	0.028	ND		0.19	0.028	ND		0.19	0.028
Hexachlorocyclopentadiene	77-47-4				ND	ND		0.54	0.17	ND		0.54	0.17	ND		0.54	0.17	ND		0.55	0.18
Hexachloroethane	67-72-1				ND	ND		0.15	0.031	ND		0.15	0.031	ND		0.15	0.031	ND		0.16	0.031
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	ND	0.046	J	0.15	0.026	0.44		0.15	0.026	0.26		0.15	0.026	0.39		0.16	0.027
Isophorone	78-59-1				ND	ND		0.17	0.025	ND		0.17	0.025	ND		0.17	0.024	ND		0.17	0.025
n-Nitrosodi-n-propylamine	621-64-7				ND	ND		0.19	0.029	ND		0.19	0.029	ND		0.19	0.029	ND		0.19	0.03
Naphthalene	91-20-3	100	100	12	ND	ND		0.19	0.023	0.023	J	0.19	0.023	ND		0.19	0.023	ND		0.19	0.024
NDPA/DPA	86-30-6				ND	ND		0.15	0.022	ND		0.15	0.022	ND		0.15	0.022	ND		0.16	0.022
Nitrobenzene	98-95-3				ND	ND		0.17	0.028	ND		0.17	0.028	ND		0.17	0.028	ND		0.17	0.029
p-Chloro-m-cresol	59-50-7				ND	ND		0.19	0.028	ND		0.19	0.028	ND		0.19	0.028	ND		0.19	0.029
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND	ND		0.15	0.042	ND		0.15	0.042	ND		0.15	0.042	ND		0.16	0.043
Phenanthrene	85-01-8	100	100	100	ND	ND		0.11	0.023	0.34		0.11	0.023	0.51		0.11	0.023	0.47		0.12	0.024

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-206 (3.5-4)					SB-207 (3-3.5)					SB-208 (4-4.5)					SB-209 (2.5-3)			
				LAB ID:	L2305142-06					L2305142-07					L2305142-08					L2305142-09			
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023			
				SAMPLE DEPTH:																			
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																			
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Phenol	108-95-2	100	100	0.33	ND	ND		0.19	0.029	ND		0.19	0.029	ND		0.19	0.028	ND		0.19	0.029
Pyrene	129-00-0	100	100	100	ND	0.074	J	0.11	0.019	0.9		0.11	0.019	0.61		0.11	0.019	0.88		0.12	0.019
Total SVOCs					-	0.477	-	-	-	6.225	-	-	-	4.615	-	-	-	6.26	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																					
No Tentatively Identified Compounds					ND	ND		0	0	-		-	-	-		-	-	-		-	-
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-		-	-	0.224	J	0	0	0.191	J	0	0	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	0.197	J	0	0	0.916	J	0	0	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alcohol					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	0.166	J	0	0	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	0.414	J	0	0	-		-	-	-		-	-
Unknown PAH					-	-		-	-	0.162	J	0	0	-		-	-	0.367	J	0	0
Unknown PAH					-	-		-	-	0.166	J	0	0	-		-	-	0.173	J	0	0
Unknown PAH					-	-		-	-	-		-	-	0.25	J	0	0	-		-	-
Unknown Thiophene					-	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds					-	-		-	-	1.33	J	0	0	1.36	J	0	0	0.54	J	0	0
ORGANOCHLORINE PESTICIDES BY GC																					
4,4'-DDD	72-54-8	2.6	13	0.0033	ND	0.00349		0.00178	0.000633	ND		0.00178	0.000635	ND		0.00174	0.000622	ND		0.00188	0.000671
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND	ND		0.00178	0.000411	ND		0.00178	0.000412	0.00359		0.00174	0.000403	ND		0.00188	0.000435
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND	0.00686		0.00178	0.00143	ND		0.00178	0.00143	0.00253	IP	0.00174	0.0014	ND		0.00188	0.00151
Aldrin	309-00-2	0.019	0.097	0.005	ND	ND		0.00178	0.000625	ND		0.00178	0.000627	ND		0.00174	0.000614	ND		0.00188	0.000662
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND	ND		0.00074	0.00021	ND		0.000742	0.000211	ND		0.000726	0.000206	ND		0.000783	0.000222
Beta-BHC	319-85-7	0.072	0.36	0.036	ND	ND		0.00178	0.000673	ND		0.00178	0.000675	ND		0.00174	0.000661	ND		0.00188	0.000713
Chlordane	57-74-9				ND	ND		0.0148	0.00588	ND		0.0148	0.0059	ND		0.0145	0.00577	ND		0.0157	0.00623
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND	ND		0.00222	0.000618	ND		0.00222	0.00062	ND		0.00218	0.000607	ND		0.00235	0.000655
Delta-BHC	319-86-8	100	100	0.04	ND	ND		0.00178	0.000348	ND		0.00178	0.000348	ND		0.00174	0.000341	ND		0.00188	0.000368
Dieldrin	60-57-1	0.039	0.2	0.005	ND	ND		0.00111	0.000555	ND		0.00111	0.000556	ND		0.00109	0.000545	ND		0.00118	0.000588
Endosulfan I	959-98-8	4.8	24	2.4	ND	ND		0.00178	0.00042	ND		0.00178	0.00042	ND		0.00174	0.000412	ND		0.00188	0.000444
Endosulfan II	33213-65-9	4.8	24	2.4	ND	ND		0.00178	0.000593	ND		0.00178	0.000595	ND		0.00174	0.000582	ND		0.00188	0.000628
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND	ND		0.00074	0.000352	ND		0.000742	0.000353	ND		0.000726	0.000346	ND		0.000783	0.000373
Endrin	72-20-8	2.2	11	0.014	ND	ND		0.00074	0.000303	ND		0.000742	0.000304	ND		0.000726	0.000298	ND		0.000783	0.000321
Endrin aldehyde	7421-93-4				ND	ND		0.00222	0.000777	ND		0.00222	0.000779	ND		0.00218	0.000762	ND		0.00235	0.000823
Endrin ketone	53494-70-5				ND	ND		0.00178	0.000457	ND		0.00178	0.000458	ND		0.00174	0.000449	ND		0.00188	0.000484
Heptachlor	76-44-8	0.42	2.1	0.042	ND	ND		0.000888	0.000398	ND		0.00089	0.000399	ND		0.000871	0.000391	ND		0.00094	0.000421
Heptachlor epoxide	1024-57-3				ND	ND		0.00333	0.000999	ND		0.00334	0.001	ND		0.00327	0.00098	ND		0.00352	0.00106
Lindane	58-89-9	0.28	1.3	0.1	ND	ND		0.00074	0.000331	ND		0.000742	0.000331	ND		0.000726	0.000325	ND		0.000783	0.00035
Methoxychlor	72-43-5				ND	ND		0.00333	0.00104	ND		0.00334	0.00104	ND		0.00327	0.00102	ND		0.00352	0.0011
Toxaphene	8001-35-2				ND	ND		0.0333	0.00932	ND		0.0334	0.00934	ND		0.0327	0.00915	ND		0.0352	0.00987
trans-Chlordane	5103-74-2				ND	ND		0.00222	0.000586	ND		0.00222	0.000587	ND		0.00218	0.000575	ND		0.00235	0.00062
POLYCHLORINATED BIPHENYLS BY GC																					

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-206 (3.5-4)					SB-207 (3-3.5)				SB-208 (4-4.5)				SB-209 (2.5-3)			
				LAB ID:	L2305142-06					L2305142-07				L2305142-08				L2305142-09			
				COLLECTION DATE:	1/28/2023					1/28/2023				1/28/2023				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	12674-11-2	1	1	0.1	ND	ND		0.0366	0.00325	ND		0.0381	0.00338	ND		0.0368	0.00327	ND		0.0394	0.0035
Aroclor 1221	11104-28-2	1	1	0.1	ND	ND		0.0366	0.00366	ND		0.0381	0.00381	ND		0.0368	0.00369	ND		0.0394	0.00395
Aroclor 1232	11141-16-5	1	1	0.1	ND	ND		0.0366	0.00775	ND		0.0381	0.00807	ND		0.0368	0.0078	ND		0.0394	0.00836
Aroclor 1242	53469-21-9	1	1	0.1	ND	ND		0.0366	0.00493	ND		0.0381	0.00513	ND		0.0368	0.00496	ND		0.0394	0.00532
Aroclor 1248	12672-29-6	1	1	0.1	ND	ND		0.0366	0.00548	ND		0.0381	0.00571	ND		0.0368	0.00552	ND		0.0394	0.00592
Aroclor 1254	11097-69-1	1	1	0.1	ND	ND		0.0366	0.004	ND		0.0381	0.00416	ND		0.0368	0.00402	ND		0.0394	0.00432
Aroclor 1260	11096-82-5	1	1	0.1	ND	0.0084	J	0.0366	0.00676	ND		0.0381	0.00703	0.0151	JP	0.0368	0.0068	ND		0.0394	0.00729
Aroclor 1262	37324-23-5	1	1	0.1	ND	ND		0.0366	0.00464	ND		0.0381	0.00483	ND		0.0368	0.00467	ND		0.0394	0.00501
Aroclor 1268	11100-14-4	1	1	0.1	ND	0.0049	J	0.0366	0.00379	ND		0.0381	0.00394	0.00458	J	0.0368	0.00381	ND		0.0394	0.00409
PCBs, Total	1336-36-3	1	1	0.1	ND	0.0133	J	0.0366	0.00325	ND		0.0381	0.00338	0.0197	J	0.0368	0.00327	ND		0.0394	0.0035
TOTAL METALS																					
Aluminum, Total	7429-90-5				8950	5390		8.77	2.37	7550		8.97	2.42	5780		8.6	2.32	9290		9.14	2.47
Antimony, Total	7440-36-0				ND	4.12	J	4.38	0.333	1.13	J	4.49	0.341	1.03	J	4.3	0.327	1.48	J	4.57	0.347
Arsenic, Total	7440-38-2	16	16	13	0.421	6.81		0.877	0.182	5.36		0.897	0.187	4.5		0.86	0.179	7		0.914	0.19
Barium, Total	7440-39-3	350	400	350	49	109		0.877	0.152	99.9		0.897	0.156	105		0.86	0.15	509		0.914	0.159
Beryllium, Total	7440-41-7	14	72	7.2	0.258	0.141	J	0.438	0.029	0.377	J	0.449	0.03	0.276	J	0.43	0.028	0.436	J	0.457	0.03
Cadmium, Total	7440-43-9	2.5	4.3	2.5	0.103	0.29	J	0.877	0.086	0.454	J	0.897	0.088	0.26	J	0.86	0.084	0.653	J	0.914	0.09
Calcium, Total	7440-70-2				611	30900		8.77	3.07	6600		8.97	3.14	20100		8.6	3.01	14100		9.14	3.2
Chromium, Total	7440-47-3				17.6	13		0.877	0.084	30.1		0.897	0.086	10.3		0.86	0.083	31.1		0.914	0.088
Cobalt, Total	7440-48-4				3.21	4.65		1.75	0.146	5.93		1.79	0.149	3.56		1.72	0.143	6.04		1.83	0.152
Copper, Total	7440-50-8	270	270	50	13.1	32.7		0.877	0.226	30.4		0.897	0.232	22.7		0.86	0.222	84.3		0.914	0.236
Iron, Total	7439-89-6				12400	11600		4.38	0.792	13100		4.49	0.81	10200		4.3	0.776	17900		4.57	0.825
Lead, Total	7439-92-1	400	400	63	3.05	335		4.38	0.235	360		4.49	0.24	131		4.3	0.23	626		4.57	0.245
Magnesium, Total	7439-95-4				2010	17400		8.77	1.35	4110		8.97	1.38	2860		8.6	1.32	4070		9.14	1.41
Manganese, Total	7439-96-5	2000	2000	1600	290	274		0.877	0.139	282		0.897	0.143	184		0.86	0.137	419		0.914	0.145
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND	0.251		0.075	0.049	6.46		0.8	0.521	0.187		0.076	0.049	7.86		0.756	0.493
Nickel, Total	7440-02-0	140	310	30	11	10.8		2.19	0.212	11.8		2.24	0.217	7.99		2.15	0.208	13.7		2.28	0.221
Potassium, Total	7440-09-7				2380	1340		219	12.6	1140		224	12.9	792		215	12.4	2190		228	13.2
Selenium, Total	7782-49-2	36	180	3.9	ND	0.561	J	1.75	0.226	0.734	J	1.79	0.232	0.3	J	1.72	0.222	ND		1.83	0.236
Silver, Total	7440-22-4	36	180	2	ND	ND		0.438	0.248	ND		0.449	0.254	ND		0.43	0.243	ND		0.457	0.259
Sodium, Total	7440-23-5				141	267		175	2.76	284		179	2.83	195		172	2.71	474		183	2.88
Thallium, Total	7440-28-0				ND	0.316	J	1.75	0.276	0.338	J	1.79	0.283	ND		1.72	0.271	0.428	J	1.83	0.288
Vanadium, Total	7440-62-2				17.8	19.1		0.877	0.178	21.1		0.897	0.182	14.7		0.86	0.174	25.2		0.914	0.186
Zinc, Total	7440-66-6	2200	10000	109	21.3	117		4.38	0.257	162		4.49	0.263	87.7		4.3	0.252	443		4.57	0.268
GENERAL CHEMISTRY																					
Cyanide, Total	57-12-5	27	27	27	ND	ND		1	0.22	ND		1.1	0.24	ND		1.1	0.23	0.4	J	1.1	0.24
Solids, Total	NONE				93.5	87.2		0.1	NA	85.4		0.1	NA	87.1		0.1	NA	83.7		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-210 (2.5-3)					SB-211 (3.5-4)					SB-212 (3-3.5)					SB-213 (3-3.5)				
				LAB ID:	L2305142-10					L2305142-11					L2305142-12					L2305142-13				
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL		Conc	Q	RL	MDL	
VOLATILE ORGANICS BY EPA 5035																								
1,1,1,2-Tetrachloroethane	630-20-6				ND	ND		0.00024	0.00006	ND		0.00032	0.00009		ND		0.00039	0.0001		ND		0.00032	0.00008	
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND	ND		0.00024	0.00008	ND		0.00032	0.00011		ND		0.00039	0.00013		ND		0.00032	0.00011	
1,1,2,2-Tetrachloroethane	79-34-5				ND	ND		0.00024	0.00008	ND		0.00032	0.00011		ND		0.00039	0.00013		ND		0.00032	0.00011	
1,1,2-Trichloroethane	79-00-5				ND	ND		0.00049	0.00013	ND		0.00064	0.00017		ND		0.00078	0.00021		ND		0.00064	0.00017	
1,1-Dichloroethane	75-34-3	19	26	0.27	ND	ND		0.00049	0.00007	ND		0.00064	0.00009		ND		0.00078	0.00011		ND		0.00064	0.00009	
1,1-Dichloroethene	75-35-4	100	100	0.33	ND	ND		0.00049	0.00012	ND		0.00064	0.00015		ND		0.00078	0.00019		ND		0.00064	0.00015	
1,1-Dichloropropene	563-58-6				ND	ND		0.00024	0.00008	ND		0.00032	0.0001		ND		0.00039	0.00012		ND		0.00032	0.0001	
1,2,3-Trichlorobenzene	87-61-6				ND	ND		0.00097	0.00016	ND		0.0013	0.00021		ND		0.0016	0.00025		ND		0.0013	0.0002	
1,2,3-Trichloropropane	96-18-4				ND	ND		0.00097	0.00006	ND		0.0013	0.00008		ND		0.0016	0.0001		ND		0.0013	0.00008	
1,2,4,5-Tetramethylbenzene	95-93-2				ND	ND		0.00097	0.00009	ND		0.0013	0.00012		ND		0.0016	0.00015		ND		0.0013	0.00012	
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.00097	0.00013	ND		0.0013	0.00018		ND		0.0016	0.00021		ND		0.0013	0.00017	
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND	ND		0.00097	0.00016	ND		0.0013	0.00022		ND		0.0016	0.00026		ND		0.0013	0.00021	
1,2-Dibromo-3-chloropropane	96-12-8				ND	ND		0.0014	0.00048	ND		0.0019	0.00064		ND		0.0024	0.00078		ND		0.0019	0.00064	
1,2-Dibromoethane	106-93-4				ND	ND		0.00049	0.00014	ND		0.00064	0.00018		ND		0.00078	0.00022		ND		0.00064	0.00018	
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.00097	0.00007	ND		0.0013	0.00009		ND		0.0016	0.00011		ND		0.0013	0.00009	
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND	ND		0.00049	0.00012	ND		0.00064	0.00016		ND		0.00078	0.0002		ND		0.00064	0.00016	
1,2-Dichloroethene, Total	540-59-0				ND	ND		0.00049	0.00007	ND		0.00064	0.00009		ND		0.00078	0.00011		ND		0.00064	0.00009	
1,2-Dichloropropane	78-87-5				ND	ND		0.00049	0.00006	ND		0.00064	0.00008		ND		0.00078	0.0001		ND		0.00064	0.00008	
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND	ND		0.00097	0.00009	ND		0.0013	0.00012		ND		0.0016	0.00015		ND		0.0013	0.00012	
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.00097	0.00007	ND		0.0013	0.0001		ND		0.0016	0.00012		ND		0.0013	0.00009	
1,3-Dichloropropane	142-28-9				ND	ND		0.00097	0.00008	ND		0.0013	0.00011		ND		0.0016	0.00013		ND		0.0013	0.00011	
1,3-Dichloropropene, Total	542-75-6				ND	ND		0.00024	0.00008	ND		0.00032	0.0001		ND		0.00039	0.00012		ND		0.00032	0.0001	
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.00097	0.00008	ND		0.0013	0.00011		ND		0.0016	0.00013		ND		0.0013	0.00011	
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.039	0.017	ND		0.052	0.023		ND		0.063	0.028		ND		0.051	0.022	
2,2-Dichloropropane	594-20-7				ND	ND		0.00097	0.0001	ND		0.0013	0.00013		ND		0.0016	0.00016		ND		0.0013	0.00013	
2-Butanone	78-93-3	100	100	0.12	ND	ND		0.0049	0.0011	ND		0.0064	0.0014		ND		0.0078	0.0017		ND		0.0064	0.0014	
2-Hexanone	591-78-6				ND	ND		0.0049	0.00057	ND		0.0064	0.00076		ND		0.0078	0.00092		ND		0.0064	0.00075	
4-Methyl-2-pentanone	108-10-1				ND	ND		0.0049	0.00062	ND		0.0064	0.00082		ND		0.0078	0.001		ND		0.0064	0.00082	
Acetone	67-64-1	100	100	0.05	0.01	ND		0.0049	0.0023	ND		0.0064	0.0031		ND		0.0078	0.0038		0.0037	J	0.0064	0.0031	
Acrylonitrile	107-13-1				ND	ND		0.0019	0.00056	ND		0.0026	0.00074		ND		0.0031	0.0009		ND		0.0026	0.00074	
Benzene	71-43-2	2.9	4.8	0.06	ND	ND		0.00024	0.00008	ND		0.00032	0.00011		ND		0.00039	0.00013		ND		0.00032	0.00011	
Bromobenzene	108-86-1				ND	ND		0.00097	0.00007	ND		0.0013	0.00009		ND		0.0016	0.00011		ND		0.0013	0.00009	
Bromochloromethane	74-97-5				ND	ND		0.00097	0.0001	ND		0.0013	0.00013		ND		0.0016	0.00016		ND		0.0013	0.00013	
Bromodichloromethane	75-27-4				ND	ND		0.00024	0.00005	ND		0.00032	0.00007		ND		0.00039	0.00009		ND		0.00032	0.00007	
Bromoform	75-25-2				ND	ND		0.0019	0.00012	ND		0.0026	0.00016		ND		0.0031	0.00019		ND		0.0026	0.00016	
Bromomethane	74-83-9				ND	ND		0.00097	0.00028	ND		0.0013	0.00037		ND		0.0016	0.00046		ND		0.0013	0.00037	
Carbon disulfide	75-15-0				ND	ND		0.0049	0.0022	ND		0.0064	0.0029		ND		0.0078	0.0036		ND		0.0064	0.0029	
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND	ND		0.00049	0.00011	ND		0.00064	0.00015		ND		0.00078	0.00018		ND		0.00064	0.00015	
Chlorobenzene	108-90-7	100	100	1.1	ND	ND		0.00024	0.00006	ND		0.00032	0.00008		ND		0.00039	0.0001		ND		0.00032	0.00008	
Chloroethane	75-00-3				ND	ND		0.00097	0.00022	ND		0.0013	0.00029		ND		0.0016	0.00035		ND		0.0013	0.00029	
Chloroform	67-66-3	10	49	0.37	ND	ND		0.00073	0.00007	ND		0.00097	0.00009		ND		0.0012	0.00011		ND		0.00096	0.00009	
Chloromethane	74-87-3				ND	ND		0.0019	0.00045	ND		0.0026	0.0006		ND		0.0031	0.00073		ND		0.0026	0.0006	
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND	ND		0.00049	0.00009	ND		0.00064	0.00011		ND		0.00078	0.00014		ND		0.00064	0.00011	
cis-1,3-Dichloropropene	10061-01-5				ND	ND		0.00024	0.00008	ND		0.00032	0.0001		ND		0.00039	0.00012		ND		0.00032	0.0001	
Dibromochloromethane	124-48-1				ND	ND		0.00049	0.00007	ND		0.00064	0.00009		ND		0.00078	0.00011		ND		0.00064	0.00009	
Dibromomethane	74-95-3				ND	ND		0.00097	0.00012	ND		0.0013	0.00015		ND		0.0016	0.00019		ND		0.0013	0.00015	
Dichlorodifluoromethane	75-71-8				ND	ND		0.0049	0.00044	ND		0.0064	0.00059		ND		0.0078	0.00072		ND		0.0064	0.00058	
Ethyl ether	60-29-7				ND	ND		0.00097	0.00016	ND		0.0013	0.00022		ND		0.0016	0.00027		ND		0.0013	0.00022	
Ethylbenzene	100-41-4	30	41	1	ND	ND		0.00049	0.00007	ND		0.00064	0.00009		ND		0.00078	0.00011		ND		0.00064	0.00009	

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-210 (2.5-3)					SB-211 (3.5-4)					SB-212 (3-3.5)					SB-213 (3-3.5)				
				LAB ID:	L2305142-10					L2305142-11					L2305142-12					L2305142-13				
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Hexachlorobutadiene	87-68-3				ND	ND		0.0019	0.00008	ND		0.0026	0.00011	ND		0.0031	0.00013	ND		0.0026	0.00011
Isopropylbenzene	98-82-8				ND	ND		0.00049	0.00005	ND		0.00064	0.00007	ND		0.00078	0.00009	ND		0.00064	0.00007
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND	ND		0.00097	0.0001	ND		0.0013	0.00013	ND		0.0016	0.00016	ND		0.0013	0.00013
Methylene chloride	75-09-2	51	100	0.05	ND	ND		0.0024	0.0011	ND		0.0032	0.0015	ND		0.0039	0.0018	ND		0.0032	0.0015
n-Butylbenzene	104-51-8	100	100	12	ND	ND		0.00049	0.00008	ND		0.00064	0.00011	ND		0.00078	0.00013	ND		0.00064	0.00011
n-Propylbenzene	103-65-1	100	100	3.9	ND	ND		0.00049	0.00008	ND		0.00064	0.00011	ND		0.00078	0.00013	ND		0.00064	0.00011
Naphthalene	91-20-3	100	100	12	ND	ND		0.0019	0.00032	ND		0.0026	0.00042	ND		0.0031	0.00051	ND		0.0026	0.00042
o-Chlorotoluene	95-49-8				ND	ND		0.00097	0.00009	ND		0.0013	0.00012	ND		0.0016	0.00015	ND		0.0013	0.00012
o-Xylene	95-47-6				ND	ND		0.00049	0.00014	ND		0.00064	0.00019	ND		0.00078	0.00023	ND		0.00064	0.00018
p-Chlorotoluene	106-43-4				ND	ND		0.00097	0.00005	ND		0.0013	0.00007	ND		0.0016	0.00009	ND		0.0013	0.00007
p-Diethylbenzene	105-05-5				ND	ND		0.00097	0.00009	ND		0.0013	0.00011	ND		0.0016	0.00014	ND		0.0013	0.00011
p-Ethyltoluene	622-96-8				ND	ND		0.00097	0.00019	ND		0.0013	0.00025	ND		0.0016	0.0003	ND		0.0013	0.00024
p-Isopropyltoluene	99-87-6				ND	ND		0.00049	0.00005	ND		0.00064	0.00007	ND		0.00078	0.00009	ND		0.00064	0.00007
p/m-Xylene	179601-23-1				ND	ND		0.00097	0.00027	ND		0.0013	0.00036	ND		0.0016	0.00044	ND		0.0013	0.00036
sec-Butylbenzene	135-98-8	100	100	11	ND	ND		0.00049	0.00007	ND		0.00064	0.00009	ND		0.00078	0.00011	ND		0.00064	0.00009
Styrene	100-42-5				0.00064	ND		0.00049	0.0001	ND		0.00064	0.00013	ND		0.00078	0.00015	ND		0.00064	0.00012
tert-Butylbenzene	98-06-6	100	100	5.9	ND	ND		0.00097	0.00006	ND		0.0013	0.00008	ND		0.0016	0.00009	ND		0.0013	0.00008
Tetrachloroethene	127-18-4	5.5	19	1.3	ND	ND		0.00024	0.0001	ND		0.00032	0.00013	ND		0.00039	0.00015	ND		0.00032	0.00012
Toluene	108-88-3	100	100	0.7	ND	ND		0.00049	0.00026	ND		0.00064	0.00035	ND		0.00078	0.00042	ND		0.00064	0.00035
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND	ND		0.00073	0.00007	ND		0.00097	0.00009	ND		0.0012	0.00011	ND		0.00096	0.00009
trans-1,3-Dichloropropene	10061-02-6				ND	ND		0.00049	0.00013	ND		0.00064	0.00018	ND		0.00078	0.00021	ND		0.00064	0.00017
trans-1,4-Dichloro-2-butene	110-57-6				ND	ND		0.0024	0.00069	ND		0.0032	0.00091	ND		0.0039	0.0011	ND		0.0032	0.00091
Trichloroethene	79-01-6	10	21	0.47	ND	ND		0.00024	0.00007	ND		0.00032	0.00009	ND		0.00039	0.00011	ND		0.00032	0.00009
Trichlorofluoromethane	75-69-4				ND	ND		0.0019	0.00034	ND		0.0026	0.00045	ND		0.0031	0.00054	ND		0.0026	0.00044
Vinyl acetate	108-05-4				ND	ND		0.0049	0.001	ND		0.0064	0.0014	ND		0.0078	0.0017	ND		0.0064	0.0014
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND	ND		0.00049	0.00016	ND		0.00064	0.00022	ND		0.00078	0.00026	ND		0.00064	0.00021
Xylenes, Total	1330-20-7	100	100	0.26	ND	ND		0.00049	0.00014	ND		0.00064	0.00019	ND		0.00078	0.00023	ND		0.00064	0.00018
Total VOCs					0.01064	-	-	-	-	-	-	-	-	-	-	-	-	0.0037	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																					
Cyclopentane	000287-92-3				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	-		-	-	-		-	-	-		-	-	-		-	-
No Tentatively Identified Compounds					-	-		-	-	ND		0	0	ND		0	0	ND		0	0
Pentane	000109-66-0				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	0.000996	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	0.00213	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					0.00305	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Cycloalkane					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds					0.00951	0.00313	J	0	0	-		-	-	-		-	-	-		-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-	ND		0.000791	0.000383	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-	ND		0.000791	0.000277	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-	ND		0.000198	0.000081	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-	ND		0.000198	0.000099	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-	ND		0.000198	0.000043	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				-	ND		0.000791	0.00005	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-	ND		0.000198	0.000032	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				-	ND		0.000198	0.000074	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				-	ND		0.000198	0.00004	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-	ND		0.000198	0.000036	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-	ND		0.000198	0.000023	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-	ND		0.000198	0.000059	-	-	-	-	-	-	-	-	-	-	-	-

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-210 (2.5-3)					SB-211 (3.5-4)				SB-212 (3-3.5)				SB-213 (3-3.5)			
				LAB ID:	L2305142-10					L2305142-11				L2305142-12				L2305142-13			
				COLLECTION DATE:	1/28/2023					1/28/2023				1/28/2023				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorohexanoic Acid (PFHxA)	307-24-4				-	ND		0.000198	0.000046	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				-	ND		0.000198	0.000078	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-	ND		0.000198	0.000043	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-	0.000126	J	0.000198	0.000078	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1				-	ND		0.000198	0.000051	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-	ND		0.000395	0.000055	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-	ND		0.000198	0.000105	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-	ND		0.000198	0.000052	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-	ND		0.000198	0.000051	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total					-	0.000126	J	0.000198	0.000051	-	-	-	-	-	-	-	-	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total					ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS																					
1,2,4,5-Tetrachlorobenzene	95-94-3				ND	ND		0.19	0.019	ND		0.18	0.019	ND		0.18	0.019	ND		0.17	0.018
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.19	0.021	ND		0.18	0.02	ND		0.18	0.021	ND		0.17	0.02
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.19	0.033	ND		0.18	0.032	ND		0.18	0.032	ND		0.17	0.031
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.19	0.032	ND		0.18	0.031	ND		0.18	0.031	ND		0.17	0.03
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.19	0.032	ND		0.18	0.031	ND		0.18	0.031	ND		0.17	0.03
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.028	0.0086	ND		0.027	0.0082	ND		0.027	0.0083	ND		0.026	0.008
2,4,5-Trichlorophenol	95-95-4				ND	ND		0.19	0.036	ND		0.18	0.034	ND		0.18	0.034	ND		0.17	0.033
2,4,6-Trichlorophenol	88-06-2				ND	ND		0.11	0.035	ND		0.11	0.034	ND		0.11	0.034	ND		0.1	0.033
2,4-Dichlorophenol	120-83-2				ND	ND		0.17	0.03	ND		0.16	0.029	ND		0.16	0.029	ND		0.16	0.028
2,4-Dimethylphenol	105-67-9				ND	ND		0.19	0.061	ND		0.18	0.059	ND		0.18	0.059	ND		0.17	0.057
2,4-Dinitrophenol	51-28-5				ND	ND		0.89	0.087	ND		0.86	0.083	ND		0.86	0.084	ND		0.84	0.081
2,4-Dinitrotoluene	121-14-2				ND	ND		0.19	0.037	ND		0.18	0.036	ND		0.18	0.036	ND		0.17	0.035
2,6-Dinitrotoluene	606-20-2				ND	ND		0.19	0.032	ND		0.18	0.031	ND		0.18	0.031	ND		0.17	0.03
2-Chloronaphthalene	91-58-7				ND	ND		0.19	0.018	ND		0.18	0.018	ND		0.18	0.018	ND		0.17	0.017
2-Chlorophenol	95-57-8				ND	ND		0.19	0.022	ND		0.18	0.021	ND		0.18	0.021	ND		0.17	0.02
2-Methylnaphthalene	91-57-6				ND	ND		0.22	0.022	ND		0.21	0.022	ND		0.22	0.022	ND		0.21	0.021
2-Methylphenol	95-48-7	100	100	0.33	ND	ND		0.19	0.029	ND		0.18	0.028	ND		0.18	0.028	ND		0.17	0.027

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-210 (2.5-3)					SB-211 (3.5-4)					SB-212 (3-3.5)					SB-213 (3-3.5)			
				LAB ID:	L2305142-10					L2305142-11					L2305142-12					L2305142-13			
				COLLECTION DATE:	1/28/2023					1/28/2023					1/28/2023					1/28/2023			
				SAMPLE DEPTH:																			
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																			
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
2-Nitroaniline	88-74-4				ND	ND		0.19	0.036	ND		0.18	0.034	ND		0.18	0.035	ND		0.17	0.034
2-Nitrophenol	88-75-5				ND	ND		0.4	0.07	ND		0.39	0.067	ND		0.39	0.068	ND		0.38	0.065
3,3'-Dichlorobenzidine	91-94-1				ND	ND		0.19	0.05	ND		0.18	0.048	ND		0.18	0.048	ND		0.17	0.046
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	34	100	0.33	ND	0.09	J	0.27	0.029	ND		0.26	0.028	ND		0.26	0.028	ND		0.25	0.027
3-Nitroaniline	99-09-2				ND	ND		0.19	0.035	ND		0.18	0.034	ND		0.18	0.034	ND		0.17	0.033
4,6-Dinitro-o-cresol	534-52-1				ND	ND		0.48	0.089	ND		0.46	0.086	ND		0.47	0.086	ND		0.45	0.084
4-Bromophenyl phenyl ether	101-55-3				ND	ND		0.19	0.028	ND		0.18	0.027	ND		0.18	0.027	ND		0.17	0.026
4-Chloroaniline	106-47-8				ND	ND		0.19	0.034	ND		0.18	0.032	ND		0.18	0.033	ND		0.17	0.032
4-Chlorophenyl phenyl ether	7005-72-3				ND	ND		0.19	0.02	ND		0.18	0.019	ND		0.18	0.019	ND		0.17	0.019
4-Nitroaniline	100-01-6				ND	ND		0.19	0.077	ND		0.18	0.074	ND		0.18	0.074	ND		0.17	0.072
4-Nitrophenol	100-02-7				ND	ND		0.26	0.076	ND		0.25	0.073	ND		0.25	0.073	ND		0.24	0.071
Acenaphthene	83-32-9	100	100	20	ND	0.04	J	0.15	0.019	ND		0.14	0.018	0.027	J	0.14	0.019	ND		0.14	0.018
Acenaphthylene	208-96-8	100	100	100	ND	1.4		0.15	0.029	0.088	J	0.14	0.028	ND		0.14	0.028	ND		0.14	0.027
Acetophenone	98-86-2				ND	ND		0.19	0.023	ND		0.18	0.022	ND		0.18	0.022	ND		0.17	0.022
Anthracene	120-12-7	100	100	100	ND	0.8		0.11	0.036	ND		0.11	0.035	0.26		0.11	0.035	ND		0.1	0.034
Benzo(a)anthracene	56-55-3	1	1	1	ND	2.7		0.11	0.021	0.16		0.11	0.02	1.3		0.11	0.02	0.047	J	0.1	0.02
Benzo(a)pyrene	50-32-8	1	1	1	ND	3		0.15	0.045	0.28		0.14	0.044	1.2		0.14	0.044	0.05	J	0.14	0.042
Benzo(b)fluoranthene	205-99-2	1	1	1	ND	3.5		0.11	0.031	0.36		0.11	0.03	1.4		0.11	0.03	0.059	J	0.1	0.029
Benzo(ghi)perylene	191-24-2	100	100	100	ND	1.8		0.15	0.022	0.22		0.14	0.021	0.72		0.14	0.021	0.033	J	0.14	0.02
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND	1.2		0.11	0.03	0.13		0.11	0.029	0.48		0.11	0.029	ND		0.1	0.028
Benzoic Acid	65-85-0				ND	ND		0.6	0.19	ND		0.58	0.18	ND		0.58	0.18	ND		0.56	0.18
Benzyl Alcohol	100-51-6				ND	ND		0.19	0.057	ND		0.18	0.055	ND		0.18	0.055	ND		0.17	0.053
Biphenyl	92-52-4				ND	ND		0.42	0.024	ND		0.41	0.023	ND		0.41	0.023	ND		0.4	0.023
Bis(2-chloroethoxy)methane	111-91-1				ND	ND		0.2	0.019	ND		0.19	0.018	ND		0.19	0.018	ND		0.19	0.017
Bis(2-chloroethyl)ether	111-44-4				ND	ND		0.17	0.025	ND		0.16	0.024	ND		0.16	0.024	ND		0.16	0.024
Bis(2-chloroisopropyl)ether	108-60-1				ND	ND		0.22	0.032	ND		0.21	0.03	ND		0.22	0.031	ND		0.21	0.03
Bis(2-ethylhexyl)phthalate	117-81-7				ND	ND		0.19	0.064	ND		0.18	0.062	ND		0.18	0.062	ND		0.17	0.06
Butyl benzyl phthalate	85-68-7				ND	ND		0.19	0.047	ND		0.18	0.045	ND		0.18	0.045	ND		0.17	0.044
Carbazole	86-74-8				ND	0.18	J	0.19	0.018	0.043	J	0.18	0.017	0.034	J	0.18	0.018	ND		0.17	0.017
Chrysene	218-01-9	1	3.9	1	ND	2.5		0.11	0.019	0.22		0.11	0.019	1.2		0.11	0.019	0.046	J	0.1	0.018
Di-n-butylphthalate	84-74-2				ND	ND		0.19	0.035	ND		0.18	0.034	ND		0.18	0.034	ND		0.17	0.033
Di-n-octylphthalate	117-84-0				ND	ND		0.19	0.063	ND		0.18	0.061	ND		0.18	0.061	ND		0.17	0.059
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	ND	0.46		0.11	0.022	0.049	J	0.11	0.021	0.14		0.11	0.021	ND		0.1	0.02
Dibenzofuran	132-64-9	14	59	7	ND	0.023	J	0.19	0.018	ND		0.18	0.017	ND		0.18	0.017	ND		0.17	0.016
Diethyl phthalate	84-66-2				ND	ND		0.19	0.017	ND		0.18	0.016	ND		0.18	0.017	ND		0.17	0.016
Dimethyl phthalate	131-11-3				ND	ND		0.19	0.039	ND		0.18	0.038	ND		0.18	0.038	ND		0.17	0.036
Fluoranthene	206-44-0	100	100	100	ND	4.8		0.11	0.021	0.24		0.11	0.02	2.8		0.11	0.021	0.08	J	0.1	0.02
Fluorene	86-73-7	100	100	30	ND	0.083	J	0.19	0.018	ND		0.18	0.017	0.022	J	0.18	0.018	ND		0.17	0.017
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND	ND		0.11	0.021	ND		0.11	0.02	ND		0.11	0.02	ND		0.1	0.019
Hexachlorobutadiene	87-68-3				ND	ND		0.19	0.027	ND		0.18	0.026	ND		0.18	0.026	ND		0.17	0.025
Hexachlorocyclopentadiene	77-47-4				ND	ND		0.53	0.17	ND		0.51	0.16	ND		0.52	0.16	ND		0.5	0.16
Hexachloroethane	67-72-1				ND	ND		0.15	0.03	ND		0.14	0.029	ND		0.14	0.029	ND		0.14	0.028
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	ND	2.2		0.15	0.026	0.25		0.14	0.025	0.83		0.14	0.025	0.035	J	0.14	0.024
Isophorone	78-59-1				ND	ND		0.17	0.024	ND		0.16	0.023	ND		0.16	0.023	ND		0.16	0.022
n-Nitrosodi-n-propylamine	621-64-7				ND	ND		0.19	0.029	ND		0.18	0.028	ND		0.18	0.028	ND		0.17	0.027
Naphthalene	91-20-3	100	100	12	ND	0.07	J	0.19	0.023	ND		0.18	0.022	ND		0.18	0.022	ND		0.17	0.021
NDPA/DPA	86-30-6				ND	ND		0.15	0.021	ND		0.14	0.02	ND		0.14	0.02	ND		0.14	0.02
Nitrobenzene	98-95-3				ND	ND		0.17	0.028	ND		0.16	0.026	ND		0.16	0.027	ND		0.16	0.026
p-Chloro-m-cresol	59-50-7				ND	ND		0.19	0.028	ND		0.18	0.027	ND		0.18	0.027	ND		0.17	0.026
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND	ND		0.15	0.041	ND		0.14	0.039	ND		0.14	0.04	ND		0.14	0.038
Phenanthrene	85-01-8	100	100	100	ND	1.2		0.11	0.023	0.097	J	0.11	0.022	0.88		0.11	0.022	0.032	J	0.1	0.021

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-210 (2.5-3)					SB-211 (3.5-4)				SB-212 (3-3.5)				SB-213 (3-3.5)			
				LAB ID:	L2305142-10					L2305142-11				L2305142-12				L2305142-13			
				COLLECTION DATE:	1/28/2023					1/28/2023				1/28/2023				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Phenol	108-95-2	100	100	0.33	ND	0.047	J	0.19	0.028	ND		0.18	0.027	ND		0.18	0.027	ND		0.17	0.026
Pyrene	129-00-0	100	100	100	ND	4		0.11	0.018	0.2		0.11	0.018	2.3		0.11	0.018	0.075	J	0.1	0.017
Total SVOCs					-	30.093	-	-	-	2.337	-	-	-	13.593	-	-	-	0.457	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																					
No Tentatively Identified Compounds					ND	-		-	-	-		-	-	-		-	-	ND		0	0
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	0.303	J	0	0	0.164	J	0	0	0.155	J	0	0	-		-	-
Unknown					-	0.515	J	0	0	-		-	-	-		-	-	-		-	-
Unknown					-	0.244	J	0	0	-		-	-	0.193	J	0	0	-		-	-
Unknown					-	0.33	J	0	0	0.152	J	0	0	0.17	J	0	0	-		-	-
Unknown					-	0.745	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alcohol					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	0.436	J	0	0	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-		-	-	-		-	-	0.15	J	0	0	-	-	-	-
Unknown Ketone					-	-		-	-	-		-	-	0.216	J	0	0	-	-	-	-
Unknown PAH					-	0.587	J	0	0	-		-	-	-		-	-	-		-	-
Unknown PAH					-	0.439	J	0	0	-		-	-	-		-	-	-		-	-
Unknown PAH					-	0.584	J	0	0	-		-	-	-		-	-	-		-	-
Unknown PAH					-	1.93	J	0	0	-		-	-	0.193	J	0	0	-		-	-
Unknown PAH					-	1.04	J	0	0	-		-	-	0.173	J	0	0	-		-	-
Unknown PAH					-	0.28	J	0	0	-		-	-	0.248	J	0	0	-		-	-
Unknown PAH					-	0.643	J	0	0	-		-	-	0.783	J	0	0	-		-	-
Unknown PAH					-	0.282	J	0	0	-		-	-	0.283	J	0	0	-		-	-
Unknown PAH					-	0.627	J	0	0	-		-	-	0.164	J	0	0	-		-	-
Unknown PAH					-	-		-	-	0.221	J	0	0	-		-	-	-		-	-
Unknown Thiophene					-	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds					-	8.99	J	0	0	0.537	J	0	0	2.73	J	0	0	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																					
4,4'-DDD	72-54-8	2.6	13	0.0033	ND	ND		0.00171	0.00061	ND		0.00165	0.000589	ND		0.00171	0.000611	ND		0.00168	0.000599
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND	ND		0.00171	0.000396	ND		0.00165	0.000382	ND		0.00171	0.000396	ND		0.00168	0.000389
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND	ND		0.00171	0.00138	ND		0.00165	0.00133	ND		0.00171	0.00138	ND		0.00168	0.00135
Aldrin	309-00-2	0.019	0.097	0.005	ND	ND		0.00171	0.000602	ND		0.00165	0.000582	ND		0.00171	0.000603	ND		0.00168	0.000592
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND	ND		0.000713	0.000202	ND		0.000688	0.000195	ND		0.000714	0.000203	ND		0.0007	0.000199
Beta-BHC	319-85-7	0.072	0.36	0.036	ND	ND		0.00171	0.000649	ND		0.00165	0.000626	ND		0.00171	0.000649	ND		0.00168	0.000637
Chlordane	57-74-9				ND	ND		0.0142	0.00567	ND		0.0138	0.00547	ND		0.0143	0.00567	ND		0.014	0.00557
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND	ND		0.00214	0.000596	ND		0.00206	0.000575	ND		0.00214	0.000596	ND		0.0021	0.000585
Delta-BHC	319-86-8	100	100	0.04	ND	ND		0.00171	0.000335	ND		0.00165	0.000324	ND		0.00171	0.000335	ND		0.00168	0.000329
Dieldrin	60-57-1	0.039	0.2	0.005	ND	ND		0.00107	0.000535	ND		0.00103	0.000516	ND		0.00107	0.000535	ND		0.00105	0.000525
Endosulfan I	959-98-8	4.8	24	2.4	ND	ND		0.00171	0.000404	ND		0.00165	0.00039	ND		0.00171	0.000405	ND		0.00168	0.000397
Endosulfan II	33213-65-9	4.8	24	2.4	ND	ND		0.00171	0.000572	ND		0.00165	0.000552	ND		0.00171	0.000572	ND		0.00168	0.000562
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND	ND		0.000713	0.000339	ND		0.000688	0.000328	ND		0.000714	0.00034	ND		0.0007	0.000333
Endrin	72-20-8	2.2	11	0.014	ND	ND		0.000713	0.000292	ND		0.000688	0.000282	ND		0.000714	0.000292	ND		0.0007	0.000287
Endrin aldehyde	7421-93-4				ND	ND		0.00214	0.000748	ND		0.00206	0.000723	ND		0.00214	0.000749	ND		0.0021	0.000735
Endrin ketone	53494-70-5				ND	ND		0.00171	0.00044	ND		0.00165	0.000425	ND		0.00171	0.000441	ND		0.00168	0.000433
Heptachlor	76-44-8	0.42	2.1	0.042	ND	ND		0.000855	0.000384	ND		0.000826	0.00037	ND		0.000856	0.000384	ND		0.00084	0.000377
Heptachlor epoxide	1024-57-3				ND	ND		0.00321	0.000962	ND		0.0031	0.000929	ND		0.00321	0.000963	ND		0.00315	0.000945
Lindane	58-89-9	0.28	1.3	0.1	ND	ND		0.000713	0.000319	ND		0.000688	0.000308	ND		0.000714	0.000319	ND		0.0007	0.000313
Methoxychlor	72-43-5				ND	ND		0.00321	0.000998	ND		0.0031	0.000964	ND		0.00321	0.000999	ND		0.00315	0.00098
Toxaphene	8001-35-2				ND	ND		0.0321	0.00898	ND		0.031	0.00867	ND		0.0321	0.00899	ND		0.0315	0.00882
trans-Chlordane	5103-74-2				ND	ND		0.00214	0.000564	ND		0.00206	0.000545	ND		0.00214	0.000565	ND		0.0021	0.000554
POLYCHLORINATED BIPHENYLS BY GC																					

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-210 (2.5-3)					SB-211 (3.5-4)				SB-212 (3-3.5)				SB-213 (3-3.5)			
				LAB ID:	L2305142-10					L2305142-11				L2305142-12				L2305142-13			
				COLLECTION DATE:	1/28/2023					1/28/2023				1/28/2023				1/28/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	12674-11-2	1	1	0.1	ND	ND		0.0366	0.00325	ND		0.0353	0.00314	ND		0.0355	0.00315	ND		0.0344	0.00306
Aroclor 1221	11104-28-2	1	1	0.1	ND	ND		0.0366	0.00366	ND		0.0353	0.00354	ND		0.0355	0.00356	ND		0.0344	0.00345
Aroclor 1232	11141-16-5	1	1	0.1	ND	ND		0.0366	0.00775	ND		0.0353	0.00749	ND		0.0355	0.00752	ND		0.0344	0.0073
Aroclor 1242	53469-21-9	1	1	0.1	ND	ND		0.0366	0.00493	ND		0.0353	0.00476	ND		0.0355	0.00478	ND		0.0344	0.00464
Aroclor 1248	12672-29-6	1	1	0.1	ND	ND		0.0366	0.00548	ND		0.0353	0.0053	ND		0.0355	0.00532	ND		0.0344	0.00516
Aroclor 1254	11097-69-1	1	1	0.1	ND	ND		0.0366	0.004	ND		0.0353	0.00387	ND		0.0355	0.00388	ND		0.0344	0.00377
Aroclor 1260	11096-82-5	1	1	0.1	ND	ND		0.0366	0.00676	ND		0.0353	0.00653	ND		0.0355	0.00656	ND		0.0344	0.00636
Aroclor 1262	37324-23-5	1	1	0.1	ND	ND		0.0366	0.00464	ND		0.0353	0.00449	ND		0.0355	0.00451	ND		0.0344	0.00437
Aroclor 1268	11100-14-4	1	1	0.1	ND	ND		0.0366	0.00379	ND		0.0353	0.00366	ND		0.0355	0.00368	ND		0.0344	0.00357
PCBs, Total	1336-36-3	1	1	0.1	ND	ND		0.0366	0.00325	ND		0.0353	0.00314	ND		0.0355	0.00315	ND		0.0344	0.00306
TOTAL METALS																					
Aluminum, Total	7429-90-5				8950	6020		8.53	2.3	6120		8.51	2.3	10200		8.65	2.34	9290		8.21	2.22
Antimony, Total	7440-36-0				ND	1.4	J	4.27	0.324	1.22	J	4.26	0.323	0.945	J	4.33	0.329	1.16	J	4.11	0.312
Arsenic, Total	7440-38-2	16	16	13	0.421	4.42		0.853	0.178	1.88		0.851	0.177	1.67		0.865	0.18	3.59		0.821	0.171
Barium, Total	7440-39-3	350	400	350	49	75.9		0.853	0.148	66.5		0.851	0.148	147		0.865	0.15	73.7		0.821	0.143
Beryllium, Total	7440-41-7	14	72	7.2	0.258	0.419	J	0.427	0.028	0.373	J	0.426	0.028	0.43	J	0.433	0.029	0.421		0.411	0.027
Cadmium, Total	7440-43-9	2.5	4.3	2.5	0.103	0.329	J	0.853	0.084	0.13	J	0.851	0.083	0.114	J	0.865	0.085	0.122	J	0.821	0.081
Calcium, Total	7440-70-2				611	13300		8.53	2.99	4800		8.51	2.98	1380		8.65	3.03	3430		8.21	2.87
Chromium, Total	7440-47-3				17.6	23.5		0.853	0.082	19.4		0.851	0.082	18.2		0.865	0.083	17.1		0.821	0.079
Cobalt, Total	7440-48-4				3.21	7.89		1.71	0.142	6.84		1.7	0.141	6.5		1.73	0.144	5.29		1.64	0.136
Copper, Total	7440-50-8	270	270	50	13.1	41.9		0.853	0.22	24.3		0.851	0.22	15.9		0.865	0.223	12.7		0.821	0.212
Iron, Total	7439-89-6				12400	21000		4.27	0.771	16600		4.26	0.769	15700		4.33	0.781	13200		4.11	0.742
Lead, Total	7439-92-1	400	400	63	3.05	62.7		4.27	0.229	20.3		4.26	0.228	24		4.33	0.232	83.4		4.11	0.22
Magnesium, Total	7439-95-4				2010	7050		8.53	1.31	2840		8.51	1.31	2680		8.65	1.33	3010		8.21	1.26
Manganese, Total	7439-96-5	2000	2000	1600	290	233		0.853	0.136	244		0.851	0.135	438		0.865	0.138	261		0.821	0.13
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND	0.126		0.078	0.051	ND		0.08	0.052	ND		0.072	0.047	0.233		0.077	0.05
Nickel, Total	7440-02-0	140	310	30	11	22.1		2.13	0.206	17		2.13	0.206	14.4		2.16	0.209	13.5		2.05	0.199
Potassium, Total	7440-09-7				2380	2920		213	12.3	3030		213	12.2	2550		216	12.5	1230		205	11.8
Selenium, Total	7782-49-2	36	180	3.9	ND	ND		1.71	0.22	ND		1.7	0.22	ND		1.73	0.223	0.272	J	1.64	0.212
Silver, Total	7440-22-4	36	180	2	ND	ND		1.07	0.604	ND		0.426	0.241	ND		0.433	0.245	ND		0.411	0.232
Sodium, Total	7440-23-5				141	103	J	171	2.69	259		170	2.68	474		173	2.73	299		164	2.59
Thallium, Total	7440-28-0				ND	0.319	J	1.71	0.269	ND		1.7	0.268	0.389	J	1.73	0.273	ND		1.64	0.259
Vanadium, Total	7440-62-2				17.8	26.4		0.853	0.173	22.3		0.851	0.173	24.3		0.865	0.176	21.9		0.821	0.167
Zinc, Total	7440-66-6	2200	10000	109	21.3	67.7		4.27	0.25	42.7		4.26	0.249	49.7		4.33	0.254	47.4		4.11	0.241
GENERAL CHEMISTRY																					
Cyanide, Total	57-12-5	27	27	27	ND	ND		1	0.22	ND		1	0.22	ND		1	0.22	ND		1	0.22
Solids, Total	NONE				93.5	88.9		0.1	NA	91.2		0.1	NA	90.7		0.1	NA	92.8		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-214 (4-4.5)					SB-215 (1-1.5)					SB-301 (2-2.5)					SB-302 (1-1.5)				
				LAB ID:	L2305142-14					L2305142-15					L2359919-01					L2359919-02				
				COLLECTION DATE:	1/28/2023					1/28/2023					10/10/2023					10/10/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL		Conc	Q	RL	MDL	
VOLATILE ORGANICS BY EPA 5035																								
1,1,1,2-Tetrachloroethane	630-20-6				ND	ND		0.00031	0.00008	ND		0.00027	0.00007		ND		0.00056	0.00015		ND		0.0007	0.00018	
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND	ND		0.00031	0.0001	ND		0.00027	0.00009		ND		0.00056	0.00019		ND		0.0007	0.00023	
1,1,2,2-Tetrachloroethane	79-34-5				ND	ND		0.00031	0.0001	ND		0.00027	0.00009		ND		0.00056	0.00019		ND		0.0007	0.00023	
1,1,2-Trichloroethane	79-00-5				ND	ND		0.00061	0.00016	ND		0.00055	0.00015		ND		0.0011	0.0003		ND		0.0014	0.00038	
1,1-Dichloroethane	75-34-3	19	26	0.27	ND	ND		0.00061	0.00009	ND		0.00055	0.00008		ND		0.0011	0.00016		ND		0.0014	0.0002	
1,1-Dichloroethene	75-35-4	100	100	0.33	ND	ND		0.00061	0.00014	ND		0.00055	0.00013		ND		0.0011	0.00027		ND		0.0014	0.00033	
1,1-Dichloropropene	563-58-6				ND	ND		0.00031	0.0001	ND		0.00027	0.00009		ND		0.00056	0.00018		ND		0.0007	0.00022	
1,2,3-Trichlorobenzene	87-61-6				ND	ND		0.0012	0.0002	ND		0.0011	0.00018		ND		0.0022	0.00036		ND		0.0028	0.00045	
1,2,3-Trichloropropane	96-18-4				ND	ND		0.0012	0.00008	ND		0.0011	0.00007		ND		0.0022	0.00014		ND		0.0028	0.00018	
1,2,4,5-Tetramethylbenzene	95-93-2				ND	ND		0.0012	0.00012	ND		0.0011	0.0001		ND		0.0022	0.00021		ND		0.0028	0.00027	
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.0012	0.00017	ND		0.0011	0.00015		ND		0.0022	0.00031		ND		0.0028	0.00038	
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND	ND		0.0012	0.0002	ND		0.0011	0.00018		ND		0.0022	0.00038		ND		0.0028	0.00047	
1,2-Dibromo-3-chloropropane	96-12-8				ND	ND		0.0018	0.00061	ND		0.0016	0.00055		ND		0.0034	0.0011		ND		0.0042	0.0014	
1,2-Dibromoethane	106-93-4				ND	ND		0.00061	0.00017	ND		0.00055	0.00015		ND		0.0011	0.00031		ND		0.0014	0.00039	
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.0012	0.00009	ND		0.0011	0.00008		ND		0.0022	0.00016		ND		0.0028	0.0002	
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND	ND		0.00061	0.00016	ND		0.00055	0.00014		ND		0.0011	0.00029		ND		0.0014	0.00036	
1,2-Dichloroethene, Total	540-59-0				ND	ND		0.00061	0.00008	ND		0.00055	0.00008		ND		0.0011	0.00015		ND		0.0014	0.00019	
1,2-Dichloropropane	78-87-5				ND	ND		0.00061	0.00008	ND		0.00055	0.00007		ND		0.0011	0.00014		ND		0.0014	0.00018	
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND	ND		0.0012	0.00012	ND		0.0011	0.0001		ND		0.0022	0.00022		ND		0.0028	0.00027	
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.0012	0.00009	ND		0.0011	0.00008		ND		0.0022	0.00017		ND		0.0028	0.00021	
1,3-Dichloropropane	142-28-9				ND	ND		0.0012	0.0001	ND		0.0011	0.00009		ND		0.0022	0.00019		ND		0.0028	0.00023	
1,3-Dichloropropene, Total	542-75-6				ND	ND		0.00031	0.0001	ND		0.00027	0.00009		ND		0.00056	0.00018		ND		0.0007	0.00022	
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.0012	0.0001	ND		0.0011	0.00009		ND		0.0022	0.00019		ND		0.0028	0.00024	
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.049	0.022	ND		0.044	0.019		ND		0.09	0.039		ND		0.11	0.049	
2,2-Dichloropropane	594-20-7				ND	ND		0.0012	0.00012	ND		0.0011	0.00011		ND		0.0022	0.00023		ND		0.0028	0.00028	
2-Butanone	78-93-3	100	100	0.12	ND	ND		0.0061	0.0014	ND		0.0055	0.0012		ND		0.011	0.0025		ND		0.014	0.0031	
2-Hexanone	591-78-6				ND	ND		0.0061	0.00072	ND		0.0055	0.00065		ND		0.011	0.0013		ND		0.014	0.0016	
4-Methyl-2-pentanone	108-10-1				ND	ND		0.0061	0.00078	ND		0.0055	0.0007		ND		0.011	0.0014		ND		0.014	0.0018	
Acetone	67-64-1	100	100	0.05	0.01	0.0033	J	0.0061	0.003	ND		0.0055	0.0026		ND		0.011	0.0054		ND		0.014	0.0068	
Acrylonitrile	107-13-1				ND	ND		0.0024	0.0007	ND		0.0022	0.00063		ND		0.0045	0.0013		ND		0.0056	0.0016	
Benzene	71-43-2	2.9	4.8	0.06	ND	ND		0.00031	0.0001	ND		0.00027	0.00009		ND		0.00056	0.00019		ND		0.0007	0.00023	
Bromobenzene	108-86-1				ND	ND		0.0012	0.00009	ND		0.0011	0.00008		ND		0.0022	0.00016		ND		0.0028	0.0002	
Bromochloromethane	74-97-5				ND	ND		0.0012	0.00012	ND		0.0011	0.00011		ND		0.0022	0.00023		ND		0.0028	0.00029	
Bromodichloromethane	75-27-4				ND	ND		0.00031	0.00007	ND		0.00027	0.00006		ND		0.00056	0.00012		ND		0.0007	0.00015	
Bromoform	75-25-2				ND	ND		0.0024	0.00015	ND		0.0022	0.00013		ND		0.0045	0.00028		ND		0.0056	0.00034	
Bromomethane	74-83-9				ND	ND		0.0012	0.00036	ND		0.0011	0.00032		ND		0.0022	0.00065		ND		0.0028	0.00082	
Carbon disulfide	75-15-0				ND	ND		0.0061	0.0028	ND		0.0055	0.0025		ND		0.011	0.0051		ND		0.014	0.0064	
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND	ND		0.00061	0.00014	ND		0.00055	0.00012		ND		0.0011	0.00026		ND		0.0014	0.00032	
Chlorobenzene	108-90-7	100	100	1.1	ND	ND		0.00031	0.00008	ND		0.00027	0.00007		ND		0.00056	0.00014		ND		0.0007	0.00018	
Chloroethane	75-00-3				ND	ND		0.0012	0.00028	ND		0.0011	0.00025		ND		0.0022	0.00051		ND		0.0028	0.00064	
Chloroform	67-66-3	10	49	0.37	ND	ND		0.00092	0.00009	ND		0.00082	0.00008		ND		0.0017	0.00016		ND		0.0021	0.0002	
Chloromethane	74-87-3				ND	ND		0.0024	0.00057	ND		0.0022	0.00051		ND		0.0045	0.001		ND		0.0056	0.0013	
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND	ND		0.00061	0.00011	ND		0.00055	0.0001		ND		0.0011	0.0002		ND		0.0014	0.00024	
cis-1,3-Dichloropropene	10061-01-5				ND	ND		0.00031	0.0001	ND		0.00027	0.00009		ND		0.00056	0.00018		ND		0.0007	0.00022	
Dibromochloromethane	124-48-1				ND	ND		0.00061	0.00009	ND		0.00055	0.00008		ND		0.0011	0.00016		ND		0.0014	0.0002	
Dibromomethane	74-95-3				ND	ND		0.0012	0.00014	ND		0.0011	0.00013		ND		0.0022	0.00027		ND		0.0028	0.00033	
Dichlorodifluoromethane	75-71-8				ND	ND		0.0061	0.00056	ND		0.0055	0.0005		ND		0.011	0.001		ND		0.014	0.0013	
Ethyl ether	60-29-7				ND	ND		0.0012	0.00021	ND		0.0011	0.00019		ND		0.0022	0.00038		ND		0.0028	0.00048	
Ethylbenzene	100-41-4	30	41	1	ND	ND		0.00061	0.00009	ND		0.00055	0.00008		ND		0.0011	0.00016		ND		0.0014	0.0002	

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-214 (4-4.5)					SB-215 (1-1.5)					SB-301 (2-2.5)					SB-302 (1-1.5)				
				LAB ID:	L2305142-14					L2305142-15					L2359919-01					L2359919-02				
				COLLECTION DATE:	1/28/2023					1/28/2023					10/10/2023					10/10/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Hexachlorobutadiene	87-68-3				ND	ND		0.0024	0.0001	ND		0.0022	0.00009	ND		0.0045	0.00019	ND		0.0056	0.00024
Isopropylbenzene	98-82-8				ND	ND		0.00061	0.00007	ND		0.00055	0.00006	ND		0.0011	0.00012	ND		0.0014	0.00015
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND	ND		0.0012	0.00012	ND		0.0011	0.00011	ND		0.0022	0.00023	ND		0.0028	0.00028
Methylene chloride	75-09-2	51	100	0.05	ND	ND		0.0031	0.0014	ND		0.0027	0.0012	ND		0.0056	0.0026	ND		0.007	0.0032
n-Butylbenzene	104-51-8	100	100	12	ND	ND		0.00061	0.0001	ND		0.00055	0.00009	ND		0.0011	0.00019	ND		0.0014	0.00023
n-Propylbenzene	103-65-1	100	100	3.9	ND	ND		0.00061	0.0001	ND		0.00055	0.00009	ND		0.0011	0.00019	ND		0.0014	0.00024
Naphthalene	91-20-3	100	100	12	ND	ND		0.0024	0.0004	ND		0.0022	0.00036	ND		0.0045	0.00073	ND		0.0056	0.00091
o-Chlorotoluene	95-49-8				ND	ND		0.0012	0.00012	ND		0.0011	0.0001	ND		0.0022	0.00021	ND		0.0028	0.00027
o-Xylene	95-47-6				ND	ND		0.00061	0.00018	ND		0.00055	0.00016	ND		0.0011	0.00033	ND		0.0014	0.00041
p-Chlorotoluene	106-43-4				ND	ND		0.0012	0.00007	ND		0.0011	0.00006	ND		0.0022	0.00012	ND		0.0028	0.00015
p-Diethylbenzene	105-05-5				ND	ND		0.0012	0.00011	ND		0.0011	0.0001	ND		0.0022	0.0002	ND		0.0028	0.00025
p-Ethyltoluene	622-96-8				ND	ND		0.0012	0.00024	ND		0.0011	0.00021	ND		0.0022	0.00043	ND		0.0028	0.00054
p-Isopropyltoluene	99-87-6				ND	ND		0.00061	0.00007	ND		0.00055	0.00006	ND		0.0011	0.00012	ND		0.0014	0.00015
p/m-Xylene	179601-23-1				ND	ND		0.0012	0.00034	ND		0.0011	0.00031	ND		0.0022	0.00063	ND		0.0028	0.00079
sec-Butylbenzene	135-98-8	100	100	11	ND	ND		0.00061	0.00009	ND		0.00055	0.00008	ND		0.0011	0.00016	ND		0.0014	0.0002
Styrene	100-42-5				0.00064	ND		0.00061	0.00012	ND		0.00055	0.00011	ND		0.0011	0.00022	ND		0.0014	0.00028
tert-Butylbenzene	98-06-6	100	100	5.9	ND	ND		0.0012	0.00007	ND		0.0011	0.00007	ND		0.0022	0.00013	ND		0.0028	0.00016
Tetrachloroethene	127-18-4	5.5	19	1.3	ND	ND		0.00031	0.00012	ND		0.00027	0.00011	ND		0.00056	0.00022	ND		0.0007	0.00028
Toluene	108-88-3	100	100	0.7	ND	ND		0.00061	0.00033	ND		0.00055	0.0003	ND		0.0011	0.00061	ND		0.0014	0.00076
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND	ND		0.00092	0.00008	ND		0.00082	0.00008	ND		0.0017	0.00015	ND		0.0021	0.00019
trans-1,3-Dichloropropene	10061-02-6				ND	ND		0.00061	0.00017	ND		0.00055	0.00015	ND		0.0011	0.00031	ND		0.0014	0.00038
trans-1,4-Dichloro-2-butene	110-57-6				ND	ND		0.0031	0.00087	ND		0.0027	0.00078	ND		0.0056	0.0016	ND		0.007	0.002
Trichloroethene	79-01-6	10	21	0.47	ND	ND		0.00031	0.00008	ND		0.00027	0.00008	ND		0.00056	0.00015	ND		0.0007	0.00019
Trichlorofluoromethane	75-69-4				ND	ND		0.0024	0.00043	ND		0.0022	0.00038	ND		0.0045	0.00078	ND		0.0056	0.00098
Vinyl acetate	108-05-4				ND	ND		0.0061	0.0013	ND		0.0055	0.0012	ND		0.011	0.0024	ND		0.014	0.003
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND	ND		0.00061	0.0002	ND		0.00055	0.00018	ND		0.0011	0.00038	ND		0.0014	0.00047
Xylenes, Total	1330-20-7	100	100	0.26	ND	ND		0.00061	0.00018	ND		0.00055	0.00016	ND		0.0011	0.00033	ND		0.0014	0.00041
Total VOCs					0.01064	0.0033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																					
Cyclopentane	000287-92-3				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	-		-	-	-		-	-	-		-	-	0.00299	NJ	0	0
No Tentatively Identified Compounds					-	ND		0	0	-	-	-	-	-	-	-	-	-	-	-	-
Pentane	000109-66-0				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					0.00305	-		-	-	0.00217	J	0	0	0.00266	J	0	0	-		-	-
Unknown Cycloalkane					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds					0.00951	-		-	-	0.00217	J	0	0	0.00266	J	0	0	0.00299	J	0	0
PERFLUORINATED ALKYL ACIDS BY EPA 1633																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-214 (4-4.5)					SB-215 (1-1.5)				SB-301 (2-2.5)				SB-302 (1-1.5)			
				LAB ID:	L2305142-14					L2305142-15				L2359919-01				L2359919-02			
				COLLECTION DATE:	1/28/2023					1/28/2023				10/10/2023				10/10/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorohexanoic Acid (PFHxA)	307-24-4				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	ND		0.000797	0.000386
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	ND		0.000797	0.000279
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	ND		0.000199	0.000082
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	ND		0.000199	0.0001
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000073	J	0.000199	0.000043
Perfluorobutanoic Acid (PFBA)	375-22-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000301	J	0.000797	0.00005
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000068	J	0.000199	0.000032
Perfluorodecanoic Acid (PFDA)	335-76-2				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000598		0.000199	0.000075
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000276		0.000199	0.000041
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	ND		0.000199	0.000037
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000114	J	0.000199	0.000023
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	ND		0.000199	0.000059
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000238		0.000199	0.000046
Perfluorononanoic Acid (PFNA)	375-95-1				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000276		0.000199	0.000078
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND	-	-	-	-	-	-	-	-	-	-	-	-	ND		0.000199	0.000043
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND	-	-	-	-	-	-	-	-	-	-	-	-	0.00105		0.000199	0.000079
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000374		0.000199	0.000052
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000272	J	0.000398	0.000056
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000123	J	0.000199	0.000106
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000139	J	0.000199	0.000053
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND	-	-	-	-	-	-	-	-	-	-	-	-	0.000258		0.000199	0.000051
PFOA/PFOS, Total					ND	-	-	-	-	-	-	-	-	-	-	-	-	0.00142		0.000199	0.000052
SEMIVOLATILE ORGANICS BY GC/MS																					
1,2,4,5-Tetrachlorobenzene	95-94-3				ND	ND		0.18	0.018	ND		0.18	0.019	ND		0.2	0.02	ND		0.2	0.021
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.18	0.02	ND		0.18	0.021	ND		0.2	0.022	ND		0.2	0.023
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.18	0.032	ND		0.18	0.033	ND		0.2	0.035	ND		0.2	0.036
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.18	0.03	ND		0.18	0.031	ND		0.2	0.034	ND		0.2	0.034
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.18	0.031	ND		0.18	0.032	ND		0.2	0.034	ND		0.2	0.035
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.026	0.0081	ND		0.027	0.0084	ND		0.03	0.009	ND		0.03	0.0092
2,4,5-Trichlorophenol	95-95-4				ND	ND		0.18	0.034	ND		0.18	0.035	ND		0.2	0.038	ND		0.2	0.038
2,4,6-Trichlorophenol	88-06-2				ND	ND		0.1	0.033	ND		0.11	0.034	ND		0.12	0.037	ND		0.12	0.038
2,4-Dichlorophenol	120-83-2				ND	ND		0.16	0.028	ND		0.16	0.029	ND		0.18	0.032	ND		0.18	0.032
2,4-Dimethylphenol	105-67-9				ND	ND		0.18	0.058	ND		0.18	0.06	ND		0.2	0.065	ND		0.2	0.066
2,4-Dinitrophenol	51-28-5				ND	ND		0.85	0.082	ND		0.87	0.084	ND		0.94	0.092	ND		0.96	0.093
2,4-Dinitrotoluene	121-14-2				ND	ND		0.18	0.035	ND		0.18	0.036	ND		0.2	0.039	ND		0.2	0.04
2,6-Dinitrotoluene	606-20-2				ND	ND		0.18	0.03	ND		0.18	0.031	ND		0.2	0.034	ND		0.2	0.034
2-Chloronaphthalene	91-58-7				ND	ND		0.18	0.018	ND		0.18	0.018	ND		0.2	0.02	ND		0.2	0.02
2-Chlorophenol	95-57-8				ND	ND		0.18	0.021	ND		0.18	0.021	ND		0.2	0.023	ND		0.2	0.024
2-Methylnaphthalene	91-57-6				ND	ND		0.21	0.021	ND		0.22	0.022	ND		0.24	0.024	ND		0.24	0.024
2-Methylphenol	95-48-7	100	100	0.33	ND	ND		0.18	0.027	ND		0.18	0.028	ND		0.2	0.03	ND		0.2	0.031

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-214 (4-4.5)					SB-215 (1-1.5)					SB-301 (2-2.5)					SB-302 (1-1.5)				
				LAB ID:	L2305142-14					L2305142-15					L2359919-01					L2359919-02				
				COLLECTION DATE:	1/28/2023					1/28/2023					10/10/2023					10/10/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
2-Nitroaniline	88-74-4				ND	ND		0.18	0.034	ND		0.18	0.035	ND		0.2	0.038	ND		0.2	0.039
2-Nitrophenol	88-75-5				ND	ND		0.38	0.066	ND		0.39	0.068	ND		0.42	0.074	ND		0.43	0.075
3,3'-Dichlorobenzidine	91-94-1				ND	ND		0.18	0.047	ND		0.18	0.048	ND		0.2	0.052	ND		0.2	0.053
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	34	100	0.33	ND	ND		0.25	0.028	ND		0.26	0.028	ND		0.28	0.031	ND		0.29	0.031
3-Nitroaniline	99-09-2				ND	ND		0.18	0.033	ND		0.18	0.034	ND		0.2	0.037	ND		0.2	0.038
4,6-Dinitro-o-cresol	534-52-1				ND	ND		0.46	0.085	ND		0.47	0.087	ND		0.51	0.094	ND		0.52	0.096
4-Bromophenyl phenyl ether	101-55-3				ND	ND		0.18	0.027	ND		0.18	0.028	ND		0.2	0.03	ND		0.2	0.03
4-Chloroaniline	106-47-8				ND	ND		0.18	0.032	ND		0.18	0.033	ND		0.2	0.036	ND		0.2	0.036
4-Chlorophenyl phenyl ether	7005-72-3				ND	ND		0.18	0.019	ND		0.18	0.019	ND		0.2	0.021	ND		0.2	0.021
4-Nitroaniline	100-01-6				ND	ND		0.18	0.073	ND		0.18	0.075	ND		0.2	0.082	ND		0.2	0.083
4-Nitrophenol	100-02-7				ND	ND		0.25	0.072	ND		0.25	0.074	ND		0.28	0.08	ND		0.28	0.082
Acenaphthene	83-32-9	100	100	20	ND	ND		0.14	0.018	ND		0.14	0.019	ND		0.16	0.02	ND		0.16	0.021
Acenaphthylene	208-96-8	100	100	100	ND	ND		0.14	0.027	ND		0.14	0.028	0.051	J	0.16	0.03	0.038	J	0.16	0.031
Acetophenone	98-86-2				ND	ND		0.18	0.022	ND		0.18	0.022	ND		0.2	0.024	ND		0.2	0.025
Anthracene	120-12-7	100	100	100	ND	ND		0.1	0.034	ND		0.11	0.035	ND		0.12	0.038	ND		0.12	0.039
Benzo(a)anthracene	56-55-3	1	1	1	ND	0.027	J	0.1	0.02	0.057	J	0.11	0.02	0.096	J	0.12	0.022	0.12		0.12	0.022
Benzo(a)pyrene	50-32-8	1	1	1	ND	ND		0.14	0.043	0.065	J	0.14	0.044	0.086	J	0.16	0.048	0.11	J	0.16	0.049
Benzo(b)fluoranthene	205-99-2	1	1	1	ND	0.033	J	0.1	0.03	0.079	J	0.11	0.03	0.11	J	0.12	0.033	0.13		0.12	0.034
Benzo(ghi)perylene	191-24-2	100	100	100	ND	0.023	J	0.14	0.021	0.045	J	0.14	0.021	0.058	J	0.16	0.023	0.071	J	0.16	0.024
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND	ND		0.1	0.028	0.03	J	0.11	0.029	0.035	J	0.12	0.032	0.048	J	0.12	0.032
Benzoic Acid	65-85-0				ND	ND		0.57	0.18	ND		0.59	0.18	ND		0.64	0.2	ND		0.65	0.2
Benzyl Alcohol	100-51-6				ND	ND		0.18	0.054	ND		0.18	0.056	ND		0.2	0.06	ND		0.2	0.061
Biphenyl	92-52-4				ND	ND		0.4	0.023	ND		0.41	0.024	ND		0.45	0.026	ND		0.46	0.026
Bis(2-chloroethoxy)methane	111-91-1				ND	ND		0.19	0.018	ND		0.2	0.018	ND		0.21	0.02	ND		0.22	0.02
Bis(2-chloroethyl)ether	111-44-4				ND	ND		0.16	0.024	ND		0.16	0.025	ND		0.18	0.027	ND		0.18	0.027
Bis(2-chloroisopropyl)ether	108-60-1				ND	ND		0.21	0.03	ND		0.22	0.031	ND		0.24	0.034	ND		0.24	0.034
Bis(2-ethylhexyl)phthalate	117-81-7				ND	ND		0.18	0.061	ND		0.18	0.063	ND		0.2	0.068	ND		0.2	0.069
Butyl benzyl phthalate	85-68-7				ND	ND		0.18	0.044	ND		0.18	0.046	ND		0.2	0.05	ND		0.2	0.05
Carbazole	86-74-8				ND	ND		0.18	0.017	ND		0.18	0.018	ND		0.2	0.019	ND		0.2	0.019
Chrysene	218-01-9	1	3.9	1	ND	0.027	J	0.1	0.018	0.062	J	0.11	0.019	0.1	J	0.12	0.02	0.14		0.12	0.021
Di-n-butylphthalate	84-74-2				ND	ND		0.18	0.033	ND		0.18	0.034	ND		0.2	0.037	ND		0.2	0.038
Di-n-octylphthalate	117-84-0				ND	ND		0.18	0.06	ND		0.18	0.062	ND		0.2	0.067	ND		0.2	0.068
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	ND	ND		0.1	0.02	ND		0.11	0.021	ND		0.12	0.023	ND		0.12	0.023
Dibenzofuran	132-64-9	14	59	7	ND	ND		0.18	0.017	ND		0.18	0.017	ND		0.2	0.019	ND		0.2	0.019
Diethyl phthalate	84-66-2				ND	ND		0.18	0.016	ND		0.18	0.017	ND		0.2	0.018	ND		0.2	0.018
Dimethyl phthalate	131-11-3				ND	ND		0.18	0.037	ND		0.18	0.038	ND		0.2	0.041	ND		0.2	0.042
Fluoranthene	206-44-0	100	100	100	ND	0.04	J	0.1	0.02	0.086	J	0.11	0.021	0.15		0.12	0.023	0.2		0.12	0.023
Fluorene	86-73-7	100	100	30	ND	ND		0.18	0.017	ND		0.18	0.018	ND		0.2	0.019	ND		0.2	0.019
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND	ND		0.1	0.02	ND		0.11	0.02	ND		0.12	0.022	ND		0.12	0.022
Hexachlorobutadiene	87-68-3				ND	ND		0.18	0.026	ND		0.18	0.026	ND		0.2	0.029	ND		0.2	0.029
Hexachlorocyclopentadiene	77-47-4				ND	ND		0.5	0.16	ND		0.52	0.16	ND		0.56	0.18	ND		0.57	0.18
Hexachloroethane	67-72-1				ND	ND		0.14	0.028	ND		0.14	0.029	ND		0.16	0.032	ND		0.16	0.032
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	ND	ND		0.14	0.025	0.049	J	0.14	0.025	0.063	J	0.16	0.027	0.073	J	0.16	0.028
Isophorone	78-59-1				ND	ND		0.16	0.023	ND		0.16	0.024	ND		0.18	0.026	ND		0.18	0.026
n-Nitrosodi-n-propylamine	621-64-7				ND	ND		0.18	0.027	ND		0.18	0.028	ND		0.2	0.03	ND		0.2	0.031
Naphthalene	91-20-3	100	100	12	ND	ND		0.18	0.022	ND		0.18	0.022	ND		0.2	0.024	ND		0.2	0.024
NDPA/DPA	86-30-6				ND	ND		0.14	0.02	ND		0.14	0.021	ND		0.16	0.022	ND		0.16	0.023
Nitrobenzene	98-95-3				ND	ND		0.16	0.026	ND		0.16	0.027	ND		0.18	0.029	ND		0.18	0.03
p-Chloro-m-cresol	59-50-7				ND	ND		0.18	0.026	ND		0.18	0.027	ND		0.2	0.029	ND		0.2	0.03
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND	ND		0.14	0.039	ND		0.14	0.04	ND		0.16	0.043	ND		0.16	0.044
Phenanthrene	85-01-8	100	100	100	ND	ND		0.1	0.021	ND		0.11	0.022	0.067	J	0.12	0.024	0.14		0.12	0.024

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-214 (4-4.5)					SB-215 (1-1.5)				SB-301 (2-2.5)				SB-302 (1-1.5)			
				LAB ID:	L2305142-14					L2305142-15				L2359919-01				L2359919-02			
				COLLECTION DATE:	1/28/2023					1/28/2023				10/10/2023				10/10/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Phenol	108-95-2	100	100	0.33	ND	ND		0.18	0.027	ND		0.18	0.027	ND		0.2	0.03	ND		0.2	0.03
Pyrene	129-00-0	100	100	100	ND	0.037	J	0.1	0.018	0.079	J	0.11	0.018	0.14		0.12	0.02	0.22		0.12	0.02
Total SVOCs					-	0.187	-	-	-	0.552	-	-	-	0.956	-	-	-	1.29	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																					
No Tentatively Identified Compounds					ND	-		-	-	ND		0	0	ND		0	0	ND		0	0
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alcohol					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	0.164	J	0	0	-		-	-	-		-	-	-		-	-
Unknown Ketone					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Ketone					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH					-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Thiophene					-	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds					-	0.164	J	0	0	-		-	-	-		-	-	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																					
4,4'-DDD	72-54-8	2.6	13	0.0033	ND	ND		0.00171	0.000611	ND		0.0017	0.000605	ND		0.00182	0.000649	ND		0.00187	0.000666
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND	ND		0.00171	0.000396	ND		0.0017	0.000392	0.00397		0.00182	0.000421	0.00518		0.00187	0.000432
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND	ND		0.00171	0.00138	ND		0.0017	0.00136	0.00714		0.00182	0.00146	0.0119		0.00187	0.0015
Aldrin	309-00-2	0.019	0.097	0.005	ND	ND		0.00171	0.000603	ND		0.0017	0.000597	ND		0.00182	0.000641	ND		0.00187	0.000657
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND	ND		0.000713	0.000203	ND		0.000706	0.000201	ND		0.000759	0.000215	ND		0.000778	0.000221
Beta-BHC	319-85-7	0.072	0.36	0.036	ND	ND		0.00171	0.000649	ND		0.0017	0.000643	ND		0.00182	0.00069	ND		0.00187	0.000708
Chlordane	57-74-9				ND	ND		0.0143	0.00567	ND		0.0141	0.00562	ND		0.0152	0.00603	ND		0.0156	0.00618
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND	ND		0.00214	0.000596	ND		0.00212	0.00059	ND		0.00228	0.000634	ND		0.00233	0.00065
Delta-BHC	319-86-8	100	100	0.04	ND	ND		0.00171	0.000335	ND		0.0017	0.000332	ND		0.00182	0.000357	ND		0.00187	0.000366
Dieldrin	60-57-1	0.039	0.2	0.005	ND	ND		0.00107	0.000535	ND		0.00106	0.00053	ND		0.00114	0.000569	0.00115	J	0.00117	0.000583
Endosulfan I	959-98-8	4.8	24	2.4	ND	ND		0.00171	0.000404	ND		0.0017	0.0004	ND		0.00182	0.00043	ND		0.00187	0.000441
Endosulfan II	33213-65-9	4.8	24	2.4	ND	ND		0.00171	0.000572	ND		0.0017	0.000566	ND		0.00182	0.000608	ND		0.00187	0.000624
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND	ND		0.000713	0.00034	ND		0.000706	0.000336	ND		0.000759	0.000361	ND		0.000778	0.00037
Endrin	72-20-8	2.2	11	0.014	ND	ND		0.000713	0.000292	ND		0.000706	0.00029	ND		0.000759	0.000311	ND		0.000778	0.000319
Endrin aldehyde	7421-93-4				ND	ND		0.00214	0.000749	ND		0.00212	0.000742	ND		0.00228	0.000797	ND		0.00233	0.000817
Endrin ketone	53494-70-5				ND	ND		0.00171	0.000441	ND		0.0017	0.000436	ND		0.00182	0.000469	ND		0.00187	0.000481
Heptachlor	76-44-8	0.42	2.1	0.042	ND	ND		0.000856	0.000384	ND		0.000848	0.00038	ND		0.00091	0.000408	ND		0.000933	0.000418
Heptachlor epoxide	1024-57-3				ND	ND		0.00321	0.000963	ND		0.00318	0.000954	ND		0.00341	0.00102	ND		0.0035	0.00105
Lindane	58-89-9	0.28	1.3	0.1	ND	ND		0.000713	0.000319	ND		0.000706	0.000316	ND		0.000759	0.000339	ND		0.000778	0.000348
Methoxychlor	72-43-5				ND	ND		0.00321	0.000999	ND		0.00318	0.000989	ND		0.00341	0.00106	ND		0.0035	0.00109
Toxaphene	8001-35-2				ND	ND		0.0321	0.00899	ND		0.0318	0.0089	ND		0.0341	0.00956	ND		0.035	0.0098
trans-Chlordane	5103-74-2				ND	ND		0.00214	0.000565	ND		0.00212	0.000559	ND		0.00228	0.000601	ND		0.00233	0.000616
POLYCHLORINATED BIPHENYLS BY GC																					

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-214 (4-4.5)					SB-215 (1-1.5)				SB-301 (2-2.5)				SB-302 (1-1.5)			
				LAB ID:	L2305142-14					L2305142-15				L2359919-01				L2359919-02			
				COLLECTION DATE:	1/28/2023					1/28/2023				10/10/2023				10/10/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	12674-11-2	1	1	0.1	ND	ND		0.0344	0.00306	ND		0.0353	0.00314	ND		0.0568	0.00504	ND		0.0605	0.00537
Aroclor 1221	11104-28-2	1	1	0.1	ND	ND		0.0344	0.00345	ND		0.0353	0.00354	ND		0.0568	0.00569	ND		0.0605	0.00606
Aroclor 1232	11141-16-5	1	1	0.1	ND	ND		0.0344	0.0073	ND		0.0353	0.00749	ND		0.0568	0.012	ND		0.0605	0.0128
Aroclor 1242	53469-21-9	1	1	0.1	ND	ND		0.0344	0.00464	ND		0.0353	0.00476	ND		0.0568	0.00766	ND		0.0605	0.00815
Aroclor 1248	12672-29-6	1	1	0.1	ND	ND		0.0344	0.00516	ND		0.0353	0.0053	ND		0.0568	0.00852	ND		0.0605	0.00907
Aroclor 1254	11097-69-1	1	1	0.1	ND	ND		0.0344	0.00377	ND		0.0353	0.00386	ND		0.0568	0.00621	ND		0.0605	0.00662
Aroclor 1260	11096-82-5	1	1	0.1	ND	ND		0.0344	0.00636	ND		0.0353	0.00653	ND		0.0568	0.0105	ND		0.0605	0.0112
Aroclor 1262	37324-23-5	1	1	0.1	ND	ND		0.0344	0.00437	ND		0.0353	0.00448	ND		0.0568	0.00721	ND		0.0605	0.00768
Aroclor 1268	11100-14-4	1	1	0.1	ND	ND		0.0344	0.00357	ND		0.0353	0.00366	ND		0.0568	0.00588	ND		0.0605	0.00627
PCBs, Total	1336-36-3	1	1	0.1	ND	ND		0.0344	0.00306	ND		0.0353	0.00314	ND		0.0568	0.00504	ND		0.0605	0.00537
TOTAL METALS																					
Aluminum, Total	7429-90-5				8950	11500		8.46	2.28	12400		8.72	2.36	11900		9.09	2.46	10100		9.56	2.58
Antimony, Total	7440-36-0				ND	1.44	J	4.23	0.321	1.34	J	4.36	0.332	0.498	J	4.55	0.346	ND		4.78	0.363
Arsenic, Total	7440-38-2	16	16	13	0.421	2.89		0.846	0.176	3.92		0.872	0.181	3.92		0.909	0.189	6.29		0.956	0.199
Barium, Total	7440-39-3	350	400	350	49	78.7		0.846	0.147	87		0.872	0.152	108		0.909	0.158	242		0.956	0.166
Beryllium, Total	7440-41-7	14	72	7.2	0.258	0.602		0.423	0.028	0.568		0.436	0.029	0.49		0.455	0.03	0.452	J	0.478	0.032
Cadmium, Total	7440-43-9	2.5	4.3	2.5	0.103	0.181	J	0.846	0.083	0.124	J	0.872	0.086	0.14	J	0.909	0.089	1.27		0.956	0.094
Calcium, Total	7440-70-2				611	3150		8.46	2.96	3240		8.72	3.05	1920		9.09	3.18	5520		9.56	3.35
Chromium, Total	7440-47-3				17.6	28.1		0.846	0.081	18.8		0.872	0.084	18.6		0.909	0.087	18.9		0.956	0.092
Cobalt, Total	7440-48-4				3.21	8.42		1.69	0.14	7.16		1.74	0.145	4.93		1.82	0.151	4.88		1.91	0.159
Copper, Total	7440-50-8	270	270	50	13.1	21.6		0.846	0.218	15.6		0.872	0.225	25.8		0.909	0.235	42.9		0.956	0.247
Iron, Total	7439-89-6				12400	25200		4.23	0.764	15400		4.36	0.788	14100		4.55	0.821	16200		4.78	0.864
Lead, Total	7439-92-1	400	400	63	3.05	36.7		4.23	0.227	171		4.36	0.234	362		4.55	0.244	335		4.78	0.256
Magnesium, Total	7439-95-4				2010	3730		8.46	1.3	3930		8.72	1.34	3000		9.09	1.4	2630		9.56	1.47
Manganese, Total	7439-96-5	2000	2000	1600	290	651		0.846	0.134	345		0.872	0.139	273		0.909	0.145	328		0.956	0.152
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND	0.202		0.072	0.047	0.195		0.074	0.048	0.159		0.075	0.049	0.388		0.077	0.05
Nickel, Total	7440-02-0	140	310	30	11	15.6		2.11	0.205	13		2.18	0.211	13.4		2.27	0.22	15.4		2.39	0.231
Potassium, Total	7440-09-7				2380	2380		211	12.2	1180		218	12.6	1900		227	13.1	1090		239	13.8
Selenium, Total	7782-49-2	36	180	3.9	ND	0.728	J	1.69	0.218	ND		1.74	0.225	0.537	J	1.82	0.235	0.651	J	1.91	0.247
Silver, Total	7440-22-4	36	180	2	ND	ND		1.06	0.598	ND		0.436	0.247	ND		0.455	0.257	0.867		0.478	0.271
Sodium, Total	7440-23-5				141	424		169	2.66	246		174	2.75	64.1	J	182	2.86	81	J	191	3.01
Thallium, Total	7440-28-0				ND	0.429	J	1.69	0.266	0.349	J	1.74	0.275	0.853	J	1.82	0.286	0.626	J	1.91	0.301
Vanadium, Total	7440-62-2				17.8	39.7		0.846	0.172	27.4		0.872	0.177	33.8		0.909	0.185	29.8		0.956	0.194
Zinc, Total	7440-66-6	2200	10000	109	21.3	40.5		4.23	0.248	51		4.36	0.256	129		4.55	0.266	386		4.78	0.28
GENERAL CHEMISTRY																					
Cyanide, Total	57-12-5	27	27	27	ND	ND		1	0.21	ND		1.1	0.23	ND		1.1	0.24	ND		1.2	0.25
Solids, Total	NONE				93.5	92.1		0.1	NA	90.4		0.1	NA	84		0.1	NA	82		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-303 (3-3.5)					SB-304 (2.5-3)				SB-305 (2-2.5)				SB-306 (6-6.5)			
				LAB ID:	L2360344-01					L2360711-01				L2361112-01				L2361279-01			
				COLLECTION DATE:	10/11/2023					10/12/2023				10/13/2023				10/16/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																					
1,1,1,2-Tetrachloroethane	630-20-6				ND	ND		0.00048	0.00013	ND		0.00054	0.00014	ND		0.00078	0.00021	ND		0.00047	0.00012
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND	ND		0.00048	0.00016	ND		0.00054	0.00018	ND		0.00078	0.00026	ND		0.00047	0.00016
1,1,2,2-Tetrachloroethane	79-34-5				ND	ND		0.00048	0.00016	ND		0.00054	0.00018	ND		0.00078	0.00026	ND		0.00047	0.00015
1,1,2-Trichloroethane	79-00-5				ND	ND		0.00097	0.00026	ND		0.0011	0.00029	ND		0.0016	0.00042	ND		0.00093	0.00025
1,1-Dichloroethane	75-34-3	19	26	0.27	ND	ND		0.00097	0.00014	ND		0.0011	0.00016	ND		0.0016	0.00023	ND		0.00093	0.00014
1,1-Dichloroethene	75-35-4	100	100	0.33	ND	ND		0.00097	0.00023	ND		0.0011	0.00026	ND		0.0016	0.00037	ND		0.00093	0.00022
1,1-Dichloropropene	563-58-6				ND	ND		0.00048	0.00015	ND		0.00054	0.00017	ND		0.00078	0.00025	ND		0.00047	0.00015
1,2,3-Trichlorobenzene	87-61-6				ND	ND		0.0019	0.00031	ND		0.0022	0.00035	ND		0.0031	0.0005	ND		0.0019	0.0003
1,2,3-Trichloropropane	96-18-4				ND	ND		0.0019	0.00012	ND		0.0022	0.00014	ND		0.0031	0.0002	ND		0.0019	0.00012
1,2,4,5-Tetramethylbenzene	95-93-2				ND	ND		0.0019	0.00018	ND		0.0022	0.00021	ND		0.0031	0.0003	ND		0.0019	0.00018
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.0019	0.00026	ND		0.0022	0.0003	ND		0.0031	0.00043	ND		0.0019	0.00025
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND	ND		0.0019	0.00032	ND		0.0022	0.00036	ND		0.0031	0.00052	ND		0.0019	0.00031
1,2-Dibromo-3-chloropropane	96-12-8				ND	ND		0.0029	0.00097	ND		0.0033	0.0011	ND		0.0047	0.0016	ND		0.0028	0.00093
1,2-Dibromoethane	106-93-4				ND	ND		0.00097	0.00027	ND		0.0011	0.0003	ND		0.0016	0.00044	ND		0.00093	0.00026
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.0019	0.00014	ND		0.0022	0.00016	ND		0.0031	0.00023	ND		0.0019	0.00013
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND	ND		0.00097	0.00025	ND		0.0011	0.00028	ND		0.0016	0.0004	ND		0.00093	0.00024
1,2-Dichloroethene, Total	540-59-0				ND	ND		0.00097	0.00013	ND		0.0011	0.00015	ND		0.0016	0.00022	ND		0.00093	0.00013
1,2-Dichloropropane	78-87-5				ND	ND		0.00097	0.00012	ND		0.0011	0.00014	ND		0.0016	0.0002	ND		0.00093	0.00012
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND	ND		0.0019	0.00019	ND		0.0022	0.00021	ND		0.0031	0.0003	ND		0.0019	0.00018
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.0019	0.00014	ND		0.0022	0.00016	ND		0.0031	0.00023	ND		0.0019	0.00014
1,3-Dichloropropane	142-28-9				ND	ND		0.0019	0.00016	ND		0.0022	0.00018	ND		0.0031	0.00026	ND		0.0019	0.00016
1,3-Dichloropropene, Total	542-75-6				ND	ND		0.00048	0.00015	ND		0.00054	0.00017	ND		0.00078	0.00025	ND		0.00047	0.00015
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.0019	0.00016	ND		0.0022	0.00019	ND		0.0031	0.00027	ND		0.0019	0.00016
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.078	0.034	ND		0.087	0.038	ND		0.12	0.055	ND		0.075	0.033
2,2-Dichloropropane	594-20-7				ND	ND		0.0019	0.0002	ND		0.0022	0.00022	ND		0.0031	0.00032	ND		0.0019	0.00019
2-Butanone	78-93-3	100	100	0.12	ND	ND		0.0097	0.0022	ND		0.011	0.0024	ND		0.016	0.0035	ND		0.0093	0.0021
2-Hexanone	591-78-6				ND	ND		0.0097	0.0011	ND		0.011	0.0013	ND		0.016	0.0018	ND		0.0093	0.0011
4-Methyl-2-pentanone	108-10-1				ND	ND		0.0097	0.0012	ND		0.011	0.0014	ND		0.016	0.002	ND		0.0093	0.0012
Acetone	67-64-1	100	100	0.05	0.01	ND		0.0097	0.0047	ND		0.011	0.0052	0.014	J	0.016	0.0076	ND		0.0093	0.0045
Acrylonitrile	107-13-1				ND	ND		0.0039	0.0011	ND		0.0044	0.0012	ND		0.0063	0.0018	ND		0.0037	0.0011
Benzene	71-43-2	2.9	4.8	0.06	ND	ND		0.00048	0.00016	ND		0.00054	0.00018	ND		0.00078	0.00026	ND		0.00047	0.00015
Bromobenzene	108-86-1				ND	ND		0.0019	0.00014	ND		0.0022	0.00016	ND		0.0031	0.00023	ND		0.0019	0.00014
Bromochloromethane	74-97-5				ND	ND		0.0019	0.0002	ND		0.0022	0.00022	ND		0.0031	0.00032	ND		0.0019	0.00019
Bromodichloromethane	75-27-4				ND	ND		0.00048	0.0001	ND		0.00054	0.00012	ND		0.00078	0.00017	ND		0.00047	0.0001
Bromoform	75-25-2				ND	ND		0.0039	0.00024	ND		0.0044	0.00027	ND		0.0063	0.00039	ND		0.0037	0.00023
Bromomethane	74-83-9				ND	ND		0.0019	0.00056	ND		0.0022	0.00063	ND		0.0031	0.00091	ND		0.0019	0.00054
Carbon disulfide	75-15-0				ND	ND		0.0097	0.0044	ND		0.011	0.005	ND		0.016	0.0071	ND		0.0093	0.0042
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND	ND		0.00097	0.00022	ND		0.0011	0.00025	ND		0.0016	0.00036	ND		0.00093	0.00021
Chlorobenzene	108-90-7	100	100	1.1	ND	ND		0.00048	0.00012	ND		0.00054	0.00014	ND		0.00078	0.0002	ND		0.00047	0.00012
Chloroethane	75-00-3				ND	ND		0.0019	0.00044	ND		0.0022	0.00049	ND		0.0031	0.00071	ND		0.0019	0.00042
Chloroform	67-66-3	10	49	0.37	ND	ND		0.0014	0.00014	ND		0.0016	0.00015	ND		0.0024	0.00022	ND		0.0014	0.00013
Chloromethane	74-87-3				ND	ND		0.0039	0.0009	ND		0.0044	0.001	ND		0.0063	0.0015	ND		0.0037	0.00087
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND	ND		0.00097	0.00017	ND		0.0011	0.00019	ND		0.0016	0.00027	ND		0.00093	0.00016
cis-1,3-Dichloropropene	10061-01-5				ND	ND		0.00048	0.00015	ND		0.00054	0.00017	ND		0.00078	0.00025	ND		0.00047	0.00015
Dibromochloromethane	124-48-1				ND	ND		0.00097	0.00014	ND		0.0011	0.00015	ND		0.0016	0.00022	ND		0.00093	0.00013
Dibromomethane	74-95-3				ND	ND		0.0019	0.00023	ND		0.0022	0.00026	ND		0.0031	0.00037	ND		0.0019	0.00022
Dichlorodifluoromethane	75-71-8				ND	ND		0.0097	0.00089	ND		0.011	0.001	ND		0.016	0.0014	ND		0.0093	0.00085
Ethyl ether	60-29-7				ND	ND		0.0019	0.00033	ND		0.0022	0.00037	ND		0.0031	0.00054	ND		0.0019	0.00032
Ethylbenzene	100-41-4	30	41	1	ND	ND		0.00097	0.00014	ND		0.0011	0.00015	ND		0.0016	0.00022	ND		0.00093	0.00013

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-303 (3-3.5)					SB-304 (2.5-3)				SB-305 (2-2.5)				SB-306 (6-6.5)			
				LAB ID:	L2360344-01					L2360711-01				L2361112-01				L2361279-01			
				COLLECTION DATE:	10/11/2023					10/12/2023				10/13/2023				10/16/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Hexachlorobutadiene	87-68-3				ND	ND		0.0039	0.00016	ND		0.0044	0.00018	ND		0.0063	0.00026	ND		0.0037	0.00016
Isopropylbenzene	98-82-8				ND	ND		0.00097	0.0001	ND		0.0011	0.00012	ND		0.0016	0.00017	ND		0.00093	0.0001
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND	ND		0.0019	0.00019	ND		0.0022	0.00022	ND		0.0031	0.00032	ND		0.0019	0.00019
Methylene chloride	75-09-2	51	100	0.05	ND	ND		0.0048	0.0022	ND		0.0054	0.0025	ND		0.0078	0.0036	ND		0.0047	0.0021
n-Butylbenzene	104-51-8	100	100	12	ND	ND		0.00097	0.00016	ND		0.0011	0.00018	ND		0.0016	0.00026	ND		0.00093	0.00016
n-Propylbenzene	103-65-1	100	100	3.9	ND	ND		0.00097	0.00016	ND		0.0011	0.00019	ND		0.0016	0.00027	ND		0.00093	0.00016
Naphthalene	91-20-3	100	100	12	ND	ND		0.0039	0.00063	ND		0.0044	0.00071	ND		0.0063	0.001	ND		0.0037	0.00061
o-Chlorotoluene	95-49-8				ND	ND		0.0019	0.00018	ND		0.0022	0.00021	ND		0.0031	0.0003	ND		0.0019	0.00018
o-Xylene	95-47-6				ND	ND		0.00097	0.00028	ND		0.0011	0.00032	ND		0.0016	0.00046	ND		0.00093	0.00027
p-Chlorotoluene	106-43-4				ND	ND		0.0019	0.0001	ND		0.0022	0.00012	ND		0.0031	0.00017	ND		0.0019	0.0001
p-Diethylbenzene	105-05-5				ND	ND		0.0019	0.00017	ND		0.0022	0.00019	ND		0.0031	0.00028	ND		0.0019	0.00016
p-Ethyltoluene	622-96-8				ND	ND		0.0019	0.00037	ND		0.0022	0.00042	ND		0.0031	0.0006	ND		0.0019	0.00036
p-Isopropyltoluene	99-87-6				ND	ND		0.00097	0.0001	ND		0.0011	0.00012	ND		0.0016	0.00017	ND		0.00093	0.0001
p/m-Xylene	179601-23-1				ND	ND		0.0019	0.00054	ND		0.0022	0.00061	ND		0.0031	0.00088	ND		0.0019	0.00052
sec-Butylbenzene	135-98-8	100	100	11	ND	ND		0.00097	0.00014	ND		0.0011	0.00016	ND		0.0016	0.00023	ND		0.00093	0.00014
Styrene	100-42-5				0.00064	ND		0.00097	0.00019	ND		0.0011	0.00021	ND		0.0016	0.00031	ND		0.00093	0.00018
tert-Butylbenzene	98-06-6	100	100	5.9	ND	ND		0.0019	0.00011	ND		0.0022	0.00013	ND		0.0031	0.00018	ND		0.0019	0.00011
Tetrachloroethene	127-18-4	5.5	19	1.3	ND	ND		0.00048	0.00019	ND		0.00054	0.00021	ND		0.00078	0.00031	ND		0.00047	0.00018
Toluene	108-88-3	100	100	0.7	ND	ND		0.00097	0.00053	ND		0.0011	0.00059	ND		0.0016	0.00085	ND		0.00093	0.00051
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND	ND		0.0014	0.00013	ND		0.0016	0.00015	ND		0.0024	0.00022	ND		0.0014	0.00013
trans-1,3-Dichloropropene	10061-02-6				ND	ND		0.00097	0.00026	ND		0.0011	0.0003	ND		0.0016	0.00043	ND		0.00093	0.00025
trans-1,4-Dichloro-2-butene	110-57-6				ND	ND		0.0048	0.0014	ND		0.0054	0.0015	ND		0.0078	0.0022	ND		0.0047	0.0013
Trichloroethene	79-01-6	10	21	0.47	ND	ND		0.00048	0.00013	ND		0.00054	0.00015	ND		0.00078	0.00022	ND		0.00047	0.00013
Trichlorofluoromethane	75-69-4				ND	ND		0.0039	0.00067	ND		0.0044	0.00076	ND		0.0063	0.0011	ND		0.0037	0.00065
Vinyl acetate	108-05-4				ND	ND		0.0097	0.0021	ND		0.011	0.0023	ND		0.016	0.0034	ND		0.0093	0.002
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND	ND		0.00097	0.00032	ND		0.0011	0.00036	ND		0.0016	0.00052	ND		0.00093	0.00031
Xylenes, Total	1330-20-7	100	100	0.26	ND	ND		0.00097	0.00028	ND		0.0011	0.00032	ND		0.0016	0.00046	ND		0.00093	0.00027
Total VOCs					0.01064	-	-	-	-	-	-	-	-	0.014	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																					
Cyclopentane	000287-92-3				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	0.00382	NJ	0	0	0.00392	NJ	0	0	-	-	-	-	-	-	-	-
No Tentatively Identified Compounds					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentane	000109-66-0				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					0.00305	0.00195	J	0	0	-		-	-	0.0045	J	0	0	0.00771	J	0	0
Unknown Cycloalkane					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds					0.00951	0.00577	J	0	0	0.00392	J	0	0	0.0045	J	0	0	0.00771	J	0	0
PERFLUORINATED ALKYL ACIDS BY EPA 1633																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-303 (3-3.5)					SB-304 (2.5-3)				SB-305 (2-2.5)				SB-306 (6-6.5)			
				LAB ID:	L2360344-01					L2360711-01				L2361112-01				L2361279-01			
				COLLECTION DATE:	10/11/2023					10/12/2023				10/13/2023				10/16/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorohexanoic Acid (PFHxA)	307-24-4				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND	-	-	-	-	ND		0.000807	0.000391	ND		0.000814	0.000394	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND	-	-	-	-	ND		0.000807	0.000282	ND		0.000814	0.000285	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND	-	-	-	-	ND		0.000202	0.000083	ND		0.000203	0.000084	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND	-	-	-	-	ND		0.000202	0.000101	ND		0.000203	0.000102	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND	-	-	-	-	ND		0.000202	0.000044	ND		0.000203	0.000044	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4				ND	-	-	-	-	0.000102	J	0.000807	0.000051	ND		0.000814	0.000051	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND	-	-	-	-	ND		0.000202	0.000032	0.000042	J	0.000203	0.000033	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2				ND	-	-	-	-	0.000099	J	0.000202	0.000076	0.000088	J	0.000203	0.000077	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND	-	-	-	-	ND		0.000202	0.000041	ND		0.000203	0.000042	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND	-	-	-	-	ND		0.000202	0.000037	ND		0.000203	0.000037	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND	-	-	-	-	0.000071	J	0.000202	0.000023	0.000039	J	0.000203	0.000024	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND	-	-	-	-	ND		0.000202	0.00006	ND		0.000203	0.00006	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND	-	-	-	-	0.000122	J	0.000202	0.000047	0.000092	J	0.000203	0.000047	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1				ND	-	-	-	-	0.000273		0.000202	0.000079	ND		0.000203	0.00008	-	-	-	-
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND	-	-	-	-	ND		0.000202	0.000044	ND		0.000203	0.000044	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND	-	-	-	-	0.00092		0.000202	0.00008	0.00056		0.000203	0.000081	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND	-	-	-	-	0.000274		0.000202	0.000053	0.000101	J	0.000203	0.000053	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND	-	-	-	-	0.000199	J	0.000404	0.000057	0.000126	J	0.000407	0.000057	-	-	-	-
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND	-	-	-	-	ND		0.000202	0.000107	ND		0.000203	0.000108	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND	-	-	-	-	ND		0.000202	0.000053	ND		0.000203	0.000054	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND	-	-	-	-	ND		0.000202	0.000052	ND		0.000203	0.000052	-	-	-	-
PFOA/PFOS, Total					ND	-	-	-	-	0.00119		0.000202	0.000053	0.000661	J	0.000203	0.000053	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS																					
1,2,4,5-Tetrachlorobenzene	95-94-3				ND	ND		0.19	0.02	ND		0.19	0.02	ND		0.18	0.019	ND		0.18	0.019
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.19	0.022	ND		0.19	0.022	ND		0.18	0.021	ND		0.18	0.02
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.19	0.034	ND		0.19	0.035	ND		0.18	0.033	ND		0.18	0.032
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.19	0.033	ND		0.19	0.033	ND		0.18	0.031	ND		0.18	0.031
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.19	0.034	ND		0.19	0.034	ND		0.18	0.032	ND		0.18	0.031
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.029	0.0088	ND		0.029	0.0089	ND		0.027	0.0084	ND		0.027	0.0083
2,4,5-Trichlorophenol	95-95-4				ND	ND		0.19	0.037	ND		0.19	0.037	ND		0.18	0.035	ND		0.18	0.034
2,4,6-Trichlorophenol	88-06-2				ND	ND		0.12	0.036	ND		0.12	0.037	ND		0.11	0.035	ND		0.11	0.034
2,4-Dichlorophenol	120-83-2				ND	ND		0.17	0.031	ND		0.17	0.031	ND		0.16	0.029	ND		0.16	0.029
2,4-Dimethylphenol	105-67-9				ND	ND		0.19	0.064	ND		0.19	0.064	ND		0.18	0.06	ND		0.18	0.059
2,4-Dinitrophenol	51-28-5				ND	ND		0.92	0.09	ND		0.93	0.09	ND		0.88	0.085	ND		0.86	0.084
2,4-Dinitrotoluene	121-14-2				ND	ND		0.19	0.038	ND		0.19	0.039	ND		0.18	0.037	ND		0.18	0.036
2,6-Dinitrotoluene	606-20-2				ND	ND		0.19	0.033	ND		0.19	0.033	ND		0.18	0.031	ND		0.18	0.031
2-Chloronaphthalene	91-58-7				ND	ND		0.19	0.019	ND		0.19	0.019	ND		0.18	0.018	ND		0.18	0.018
2-Chlorophenol	95-57-8				ND	ND		0.19	0.023	ND		0.19	0.023	ND		0.18	0.022	ND		0.18	0.021
2-Methylnaphthalene	91-57-6				ND	0.025	J	0.23	0.023	ND		0.23	0.023	0.034	J	0.22	0.022	ND		0.22	0.022
2-Methylphenol	95-48-7	100	100	0.33	ND	ND		0.19	0.03	ND		0.19	0.03	ND		0.18	0.028	ND		0.18	0.028

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-303 (3-3.5)					SB-304 (2.5-3)					SB-305 (2-2.5)					SB-306 (6-6.5)				
				LAB ID:	L2360344-01					L2360711-01					L2361112-01					L2361279-01				
				COLLECTION DATE:	10/11/2023					10/12/2023					10/13/2023					10/16/2023				
				SAMPLE DEPTH:																				
				SAMPLE MATRIX:	SOIL					SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
2-Nitroaniline	88-74-4				ND	ND		0.19	0.037	ND		0.19	0.037	ND		0.18	0.035	ND		0.18	0.035
2-Nitrophenol	88-75-5				ND	ND		0.42	0.072	ND		0.42	0.073	ND		0.4	0.069	ND		0.39	0.068
3,3'-Dichlorobenzidine	91-94-1				ND	ND		0.19	0.051	ND		0.19	0.051	ND		0.18	0.049	ND		0.18	0.048
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	34	100	0.33	ND	ND		0.28	0.03	ND		0.28	0.03	ND		0.26	0.029	ND		0.26	0.028
3-Nitroaniline	99-09-2				ND	ND		0.19	0.036	ND		0.19	0.036	ND		0.18	0.034	ND		0.18	0.034
4,6-Dinitro-o-cresol	534-52-1				ND	ND		0.5	0.092	ND		0.5	0.093	ND		0.48	0.088	ND		0.47	0.086
4-Bromophenyl phenyl ether	101-55-3				ND	ND		0.19	0.029	ND		0.19	0.029	ND		0.18	0.028	ND		0.18	0.027
4-Chloroaniline	106-47-8				ND	ND		0.19	0.035	ND		0.19	0.035	ND		0.18	0.033	ND		0.18	0.033
4-Chlorophenyl phenyl ether	7005-72-3				ND	ND		0.19	0.02	ND		0.19	0.021	ND		0.18	0.02	ND		0.18	0.019
4-Nitroaniline	100-01-6				ND	ND		0.19	0.08	ND		0.19	0.08	ND		0.18	0.076	ND		0.18	0.074
4-Nitrophenol	100-02-7				ND	ND		0.27	0.078	ND		0.27	0.079	ND		0.26	0.075	ND		0.25	0.073
Acenaphthene	83-32-9	100	100	20	ND	0.062	J	0.15	0.02	0.03	J	0.15	0.02	0.31		0.15	0.019	ND		0.14	0.019
Acenaphthylene	208-96-8	100	100	100	ND	ND		0.15	0.03	0.031	J	0.15	0.03	0.092	J	0.15	0.028	ND		0.14	0.028
Acetophenone	98-86-2				ND	ND		0.19	0.024	ND		0.19	0.024	ND		0.18	0.023	ND		0.18	0.022
Anthracene	120-12-7	100	100	100	ND	0.14		0.12	0.038	0.078	J	0.12	0.038	0.64		0.11	0.036	ND		0.11	0.035
Benzo(a)anthracene	56-55-3	1	1	1	ND	0.29		0.12	0.022	0.31		0.12	0.022	2.3		0.11	0.021	ND		0.11	0.02
Benzo(a)pyrene	50-32-8	1	1	1	ND	0.29		0.15	0.047	0.32		0.15	0.047	2.2		0.15	0.045	ND		0.14	0.044
Benzo(b)fluoranthene	205-99-2	1	1	1	ND	0.32		0.12	0.032	0.39		0.12	0.032	2.8		0.11	0.031	ND		0.11	0.03
Benzo(ghi)perylene	191-24-2	100	100	100	ND	0.18		0.15	0.023	0.17		0.15	0.023	1.1		0.15	0.022	ND		0.14	0.021
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND	0.11	J	0.12	0.031	0.15		0.12	0.031	0.92		0.11	0.029	ND		0.11	0.029
Benzoic Acid	65-85-0				ND	ND		0.62	0.19	ND		0.62	0.2	ND		0.59	0.18	ND		0.58	0.18
Benzyl Alcohol	100-51-6				ND	ND		0.19	0.059	ND		0.19	0.059	ND		0.18	0.056	ND		0.18	0.055
Biphenyl	92-52-4				ND	ND		0.44	0.025	ND		0.44	0.025	ND		0.42	0.024	ND		0.41	0.023
Bis(2-chloroethoxy)methane	111-91-1				ND	ND		0.21	0.019	ND		0.21	0.019	ND		0.2	0.018	ND		0.19	0.018
Bis(2-chloroethyl)ether	111-44-4				ND	ND		0.17	0.026	ND		0.17	0.026	ND		0.16	0.025	ND		0.16	0.024
Bis(2-chloroisopropyl)ether	108-60-1				ND	ND		0.23	0.033	ND		0.23	0.033	ND		0.22	0.031	ND		0.22	0.031
Bis(2-ethylhexyl)phthalate	117-81-7				ND	ND		0.19	0.066	0.078	J	0.19	0.067	0.083	J	0.18	0.063	ND		0.18	0.062
Butyl benzyl phthalate	85-68-7				ND	ND		0.19	0.048	ND		0.19	0.049	ND		0.18	0.046	ND		0.18	0.045
Carbazole	86-74-8				ND	0.064	J	0.19	0.019	0.045	J	0.19	0.019	0.23		0.18	0.018	ND		0.18	0.017
Chrysene	218-01-9	1	3.9	1	ND	0.27		0.12	0.02	0.28		0.12	0.02	2		0.11	0.019	ND		0.11	0.019
Di-n-butylphthalate	84-74-2				ND	ND		0.19	0.036	ND		0.19	0.037	ND		0.18	0.035	ND		0.18	0.034
Di-n-octylphthalate	117-84-0				ND	ND		0.19	0.065	ND		0.19	0.066	ND		0.18	0.062	ND		0.18	0.061
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	ND	0.042	J	0.12	0.022	0.044	J	0.12	0.022	0.29		0.11	0.021	ND		0.11	0.021
Dibenzofuran	132-64-9	14	59	7	ND	0.048	J	0.19	0.018	ND		0.19	0.018	0.097	J	0.18	0.017	ND		0.18	0.017
Diethyl phthalate	84-66-2				ND	ND		0.19	0.018	ND		0.19	0.018	ND		0.18	0.017	ND		0.18	0.017
Dimethyl phthalate	131-11-3				ND	ND		0.19	0.04	ND		0.19	0.04	ND		0.18	0.038	ND		0.18	0.038
Fluoranthene	206-44-0	100	100	100	ND	0.72		0.12	0.022	0.6		0.12	0.022	4.2		0.11	0.021	ND		0.11	0.021
Fluorene	86-73-7	100	100	30	ND	0.045	J	0.19	0.019	0.027	J	0.19	0.019	0.22		0.18	0.018	ND		0.18	0.017
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND	ND		0.12	0.022	ND		0.12	0.022	ND		0.11	0.02	ND		0.11	0.02
Hexachlorobutadiene	87-68-3				ND	ND		0.19	0.028	ND		0.19	0.028	ND		0.18	0.027	ND		0.18	0.026
Hexachlorocyclopentadiene	77-47-4				ND	ND		0.55	0.17	ND		0.55	0.17	ND		0.52	0.16	ND		0.51	0.16
Hexachloroethane	67-72-1				ND	ND		0.15	0.031	ND		0.15	0.031	ND		0.15	0.03	ND		0.14	0.029
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	ND	0.22		0.15	0.027	0.2		0.15	0.027	1.3		0.15	0.026	ND		0.14	0.025
Isophorone	78-59-1				ND	ND		0.17	0.025	ND		0.17	0.025	ND		0.16	0.024	ND		0.16	0.023
n-Nitrosodi-n-propylamine	621-64-7				ND	ND		0.19	0.03	ND		0.19	0.03	ND		0.18	0.028	ND		0.18	0.028
Naphthalene	91-20-3	100	100	12	ND	0.035	J	0.19	0.023	ND		0.19	0.024	0.076	J	0.18	0.022	ND		0.18	0.022
NDPA/DPA	86-30-6				ND	ND		0.15	0.022	ND		0.15	0.022	ND		0.15	0.021	ND		0.14	0.02
Nitrobenzene	98-95-3				ND	ND		0.17	0.028	ND		0.17	0.028	ND		0.16	0.027	ND		0.16	0.026
p-Chloro-m-cresol	59-50-7				ND	ND		0.19	0.029	ND		0.19	0.029	ND		0.18	0.027	ND		0.18	0.027
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND	ND		0.15	0.042	ND		0.15	0.042	ND		0.15	0.04	ND		0.14	0.04
Phenanthrene	85-01-8	100	100	100	ND	0.72		0.12	0.023	0.33		0.12	0.023	2.3		0.11	0.022	ND		0.11	0.022

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-303 (3-3.5)					SB-304 (2.5-3)				SB-305 (2-2.5)				SB-306 (6-6.5)			
				LAB ID:	L2360344-01					L2360711-01				L2361112-01				L2361279-01			
				COLLECTION DATE:	10/11/2023					10/12/2023				10/13/2023				10/16/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Phenol	108-95-2	100	100	0.33	ND	ND		0.19	0.029	ND		0.19	0.029	ND		0.18	0.028	ND		0.18	0.027
Pyrene	129-00-0	100	100	100	ND	0.63		0.12	0.019	0.48		0.12	0.019	3.4		0.11	0.018	ND		0.11	0.018
Total SVOCs					-	4.211	-	-	-	3.563	-	-	-	24.592	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																					
No Tentatively Identified Compounds					ND	-		-	-	-		-	-	-		-	-	ND		0	0
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-		-	-	0.326	J	0	0	0.407	J	0	0	-	-	-	-
Unknown					-	-		-	-	-		-	-	0.217	J	0	0	-	-	-	-
Unknown					-	-		-	-	-		-	-	0.224	J	0	0	-	-	-	-
Unknown					-	-		-	-	0.275	J	0	0	0.241	J	0	0	-	-	-	-
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alcohol					-	-		-	-	0.204	J	0	0	-	-	-	-	-	-	-	-
Unknown Ketone					-	-		-	-	-		-	-	0.196	J	0	0	-	-	-	-
Unknown Ketone					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Ketone					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.97	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.164	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.371	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.184	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.165	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.191	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.452	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.324	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.452	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.324	J	0	0	-	-	-	-
Unknown PAH					-	-		-	-	-		-	-	0.268	J	0	0	-	-	-	-
Unknown PAH					-	0.178	J	0	0	0.219	J	0	0	-	-	-	-	-	-	-	-
Unknown Thiophene					-	-		-	-	-		-	-	0.169	J	0	0	-	-	-	-
Total TIC Compounds					-	0.178	J	0	0	1.02	J	0	0	4.54	J	0	0	-	-	-	-
ORGANOCHLORINE PESTICIDES BY GC																					
4,4'-DDD	72-54-8	2.6	13	0.0033	ND	ND		0.00178	0.000637	ND		0.00186	0.000663	ND		0.00176	0.000627	ND		0.00167	0.000597
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND	0.00144	J	0.00178	0.000413	0.00164	J	0.00186	0.00043	ND		0.00176	0.000406	ND		0.00167	0.000387
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND	0.00232		0.00178	0.00144	0.0042		0.00186	0.00149	ND		0.00176	0.00141	ND		0.00167	0.00135
Aldrin	309-00-2	0.019	0.097	0.005	ND	ND		0.00178	0.000629	ND		0.00186	0.000654	ND		0.00176	0.000619	ND		0.00167	0.00059
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND	ND		0.000744	0.000211	ND		0.000774	0.00022	ND		0.000732	0.000208	ND		0.000698	0.000198
Beta-BHC	319-85-7	0.072	0.36	0.036	ND	ND		0.00178	0.000677	ND		0.00186	0.000705	ND		0.00176	0.000666	ND		0.00167	0.000635
Chlordane	57-74-9				ND	ND		0.0149	0.00591	ND		0.0155	0.00616	ND		0.0146	0.00582	ND		0.014	0.00555
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND	ND		0.00223	0.000622	ND		0.00232	0.000647	ND		0.0022	0.000612	ND		0.00209	0.000583
Delta-BHC	319-86-8	100	100	0.04	ND	ND		0.00178	0.00035	ND		0.00186	0.000364	ND		0.00176	0.000344	ND		0.00167	0.000328
Dieldrin	60-57-1	0.039	0.2	0.005	ND	ND		0.00112	0.000558	ND		0.00116	0.000581	ND		0.0011	0.000549	ND		0.00105	0.000523
Endosulfan I	959-98-8	4.8	24	2.4	ND	ND		0.00178	0.000422	ND		0.00186	0.000439	ND		0.00176	0.000415	ND		0.00167	0.000396
Endosulfan II	33213-65-9	4.8	24	2.4	ND	ND		0.00178	0.000597	ND		0.00186	0.000621	ND		0.00176	0.000587	ND		0.00167	0.00056
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND	ND		0.000744	0.000354	ND		0.000774	0.000369	ND		0.000732	0.000348	ND		0.000698	0.000332
Endrin	72-20-8	2.2	11	0.014	ND	ND		0.000744	0.000305	ND		0.000774	0.000318	ND		0.000732	0.0003	ND		0.000698	0.000286
Endrin aldehyde	7421-93-4				ND	ND		0.00223	0.000781	ND		0.00232	0.000813	ND		0.0022	0.000769	ND		0.00209	0.000733
Endrin ketone	53494-70-5				ND	ND		0.00178	0.00046	ND		0.00186	0.000478	ND		0.00176	0.000452	ND		0.00167	0.000431
Heptachlor	76-44-8	0.42	2.1	0.042	ND	ND		0.000893	0.0004	ND		0.000929	0.000417	ND		0.000879	0.000394	ND		0.000837	0.000375
Heptachlor epoxide	1024-57-3				ND	ND		0.00335	0.001	ND		0.00348	0.00104	ND		0.0033	0.000988	ND		0.00314	0.000942
Lindane	58-89-9	0.28	1.3	0.1	ND	ND		0.000744	0.000332	ND		0.000774	0.000346	ND		0.000732	0.000327	ND		0.000698	0.000312
Methoxychlor	72-43-5				ND	ND		0.00335	0.00104	ND		0.00348	0.00108	ND		0.0033	0.00102	ND		0.00314	0.000977
Toxaphene	8001-35-2				ND	ND		0.0335	0.00937	ND		0.0348	0.00976	ND		0.033	0.00923	ND		0.0314	0.00879
trans-Chlordane	5103-74-2				ND	ND		0.00223	0.000589	ND		0.00232	0.000613	ND		0.0022	0.00058	ND		0.00209	0.000553
POLYCHLORINATED BIPHENYLS BY GC																					

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-303 (3-3.5)					SB-304 (2.5-3)				SB-305 (2-2.5)				SB-306 (6-6.5)			
				LAB ID:	L2360344-01					L2360711-01				L2361112-01				L2361279-01			
				COLLECTION DATE:	10/11/2023					10/12/2023				10/13/2023				10/16/2023			
				SAMPLE DEPTH:																	
				SAMPLE MATRIX:	SOIL					SOIL				SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES																	
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	12674-11-2	1	1	0.1	ND	ND		0.0583	0.00518	ND		0.054	0.0048	ND		0.0546	0.00485	ND		0.0518	0.0046
Aroclor 1221	11104-28-2	1	1	0.1	ND	ND		0.0583	0.00584	ND		0.054	0.00541	ND		0.0546	0.00548	ND		0.0518	0.00519
Aroclor 1232	11141-16-5	1	1	0.1	ND	ND		0.0583	0.0124	ND		0.054	0.0114	ND		0.0546	0.0116	ND		0.0518	0.011
Aroclor 1242	53469-21-9	1	1	0.1	ND	ND		0.0583	0.00786	ND		0.054	0.00728	0.013	J	0.0546	0.00737	ND		0.0518	0.00698
Aroclor 1248	12672-29-6	1	1	0.1	ND	ND		0.0583	0.00875	ND		0.054	0.0081	ND		0.0546	0.0082	ND		0.0518	0.00777
Aroclor 1254	11097-69-1	1	1	0.1	ND	ND		0.0583	0.00638	ND		0.054	0.00591	ND		0.0546	0.00598	ND		0.0518	0.00567
Aroclor 1260	11096-82-5	1	1	0.1	ND	ND		0.0583	0.0108	ND		0.054	0.00998	ND		0.0546	0.0101	ND		0.0518	0.00957
Aroclor 1262	37324-23-5	1	1	0.1	ND	ND		0.0583	0.0074	ND		0.054	0.00686	ND		0.0546	0.00694	ND		0.0518	0.00658
Aroclor 1268	11100-14-4	1	1	0.1	ND	ND		0.0583	0.00604	ND		0.054	0.00559	ND		0.0546	0.00566	ND		0.0518	0.00537
PCBs, Total	1336-36-3	1	1	0.1	ND	ND		0.0583	0.00518	ND		0.054	0.0048	0.013	J	0.0546	0.00485	ND		0.0518	0.0046
TOTAL METALS																					
Aluminum, Total	7429-90-5				8950	12600		9.24	2.5	15700		9.28	2.5	7040		8.57	2.31	8150		8.36	2.26
Antimony, Total	7440-36-0				ND	0.822	J	4.62	0.351	0.472	J	4.64	0.352	ND		4.29	0.326	ND		4.18	0.318
Arsenic, Total	7440-38-2	16	16	13	0.421	11.6		0.924	0.192	9.98		0.928	0.193	3.6		0.857	0.178	1.28		0.836	0.174
Barium, Total	7440-39-3	350	400	350	49	95.3		0.924	0.161	132		0.928	0.161	70.8		0.857	0.149	62.7		0.836	0.145
Beryllium, Total	7440-41-7	14	72	7.2	0.258	0.444	J	0.462	0.031	0.534		0.464	0.031	0.279	J	0.429	0.028	0.27	J	0.418	0.028
Cadmium, Total	7440-43-9	2.5	4.3	2.5	0.103	0.117	J	0.924	0.091	0.193	J	0.928	0.091	0.218	J	0.857	0.084	ND		0.836	0.082
Calcium, Total	7440-70-2				611	7500		9.24	3.23	3750		9.28	3.25	48700		8.57	3	1010		8.36	2.92
Chromium, Total	7440-47-3				17.6	28.1		0.924	0.089	37.9		0.928	0.089	15.4		0.857	0.082	16.7		0.836	0.08
Cobalt, Total	7440-48-4				3.21	8.73		1.85	0.153	10.5		1.86	0.154	4.2		1.71	0.142	4.46		1.67	0.139
Copper, Total	7440-50-8	270	270	50	13.1	24.2		0.924	0.238	28.8		0.928	0.239	25.2		0.857	0.221	14.4		0.836	0.216
Iron, Total	7439-89-6				12400	19800		4.62	0.834	22000		4.64	0.838	12400		4.29	0.774	13200		4.18	0.754
Lead, Total	7439-92-1	400	400	63	3.05	112		4.62	0.248	102		4.64	0.249	88.8		4.29	0.23	3.66	J	4.18	0.224
Magnesium, Total	7439-95-4				2010	5000		9.24	1.42	6440		9.28	1.43	21300		8.57	1.32	1990		8.36	1.29
Manganese, Total	7439-96-5	2000	2000	1600	290	361		0.924	0.147	399		0.928	0.148	260		0.857	0.136	384		0.836	0.133
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND	0.064	J	0.078	0.051	0.086		0.076	0.05	0.168		0.074	0.048	ND		0.078	0.051
Nickel, Total	7440-02-0	140	310	30	11	26.4		2.31	0.224	30.2		2.32	0.224	13.3		2.14	0.207	13.6		2.09	0.202
Potassium, Total	7440-09-7				2380	3770		231	13.3	5280		232	13.4	1820		214	12.3	2150		209	12
Selenium, Total	7782-49-2	36	180	3.9	ND	0.509	J	1.85	0.238	ND		1.86	0.239	ND		1.71	0.221	ND		1.67	0.216
Silver, Total	7440-22-4	36	180	2	ND	ND		0.462	0.262	ND		0.464	0.262	ND		0.429	0.242	ND		0.418	0.236
Sodium, Total	7440-23-5				141	102	J	185	2.91	99.4	J	186	2.92	457		171	2.7	113	J	167	2.63
Thallium, Total	7440-28-0				ND	1.08	J	1.85	0.291	1.57	J	1.86	0.292	1.62	J	1.71	0.27	1.85		1.67	0.263
Vanadium, Total	7440-62-2				17.8	32.6		0.924	0.188	39.9		0.928	0.188	22.9		0.857	0.174	19.5		0.836	0.17
Zinc, Total	7440-66-6	2200	10000	109	21.3	74.9		4.62	0.271	93.5		4.64	0.272	101		4.29	0.251	20		4.18	0.245
GENERAL CHEMISTRY																					
Cyanide, Total	57-12-5	27	27	27	ND	ND		1.1	0.23	ND		1.1	0.24	ND		1.1	0.22	ND		1	0.21
Solids, Total	NONE				93.5	85.4		0.1	NA	84.4		0.1	NA	90.5		0.1	NA	91.5		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-307 (9.5-10)					SB-308 (3.5-4)					SB-309 (3-3.5)				
				LAB ID:	L2361842-02					L2361842-01					L2362230-01				
				COLLECTION DATE:	10/18/2023					10/18/2023					10/19/2023				
				SAMPLE DEPTH:															
				SAMPLE MATRIX:	SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES															
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL	
VOLATILE ORGANICS BY EPA 5035																			
1,1,1,2-Tetrachloroethane	630-20-6				ND	ND		0.00046	0.00012	ND		0.00051	0.00013		ND		0.00049	0.00013	
1,1,1-Trichloroethane	71-55-6	100	100	0.68	ND	ND		0.00046	0.00015	ND		0.00051	0.00017		ND		0.00049	0.00016	
1,1,2,2-Tetrachloroethane	79-34-5				ND	ND		0.00046	0.00015	ND		0.00051	0.00017		ND		0.00049	0.00016	
1,1,2-Trichloroethane	79-00-5				ND	ND		0.00092	0.00024	ND		0.001	0.00027		ND		0.00098	0.00026	
1,1-Dichloroethane	75-34-3	19	26	0.27	ND	ND		0.00092	0.00013	ND		0.001	0.00015		ND		0.00098	0.00014	
1,1-Dichloroethene	75-35-4	100	100	0.33	ND	ND		0.00092	0.00022	ND		0.001	0.00024		ND		0.00098	0.00023	
1,1-Dichloropropene	563-58-6				ND	ND		0.00046	0.00015	ND		0.00051	0.00016		ND		0.00049	0.00016	
1,2,3-Trichlorobenzene	87-61-6				ND	ND		0.0018	0.0003	ND		0.002	0.00033		ND		0.002	0.00032	
1,2,3-Trichloropropane	96-18-4				ND	ND		0.0018	0.00012	ND		0.002	0.00013		ND		0.002	0.00012	
1,2,4,5-Tetramethylbenzene	95-93-2				ND	ND		0.0018	0.00018	ND		0.002	0.00019		ND		0.002	0.00019	
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.0018	0.00025	ND		0.002	0.00028		ND		0.002	0.00027	
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	ND	ND		0.0018	0.00031	ND		0.002	0.00034		ND		0.002	0.00033	
1,2-Dibromo-3-chloropropane	96-12-8				ND	ND		0.0028	0.00092	ND		0.003	0.001		ND		0.003	0.00098	
1,2-Dibromoethane	106-93-4				ND	ND		0.00092	0.00026	ND		0.001	0.00028		ND		0.00098	0.00027	
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.0018	0.00013	ND		0.002	0.00015		ND		0.002	0.00014	
1,2-Dichloroethane	107-06-2	2.3	3.1	0.02	ND	ND		0.00092	0.00024	ND		0.001	0.00026		ND		0.00098	0.00025	
1,2-Dichloroethene, Total	540-59-0				ND	ND		0.00092	0.00012	ND		0.001	0.00014		ND		0.00098	0.00013	
1,2-Dichloropropane	78-87-5				ND	ND		0.00092	0.00011	ND		0.001	0.00013		ND		0.00098	0.00012	
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	ND	ND		0.0018	0.00018	ND		0.002	0.0002		ND		0.002	0.00019	
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.0018	0.00014	ND		0.002	0.00015		ND		0.002	0.00014	
1,3-Dichloropropane	142-28-9				ND	ND		0.0018	0.00015	ND		0.002	0.00017		ND		0.002	0.00016	
1,3-Dichloropropene, Total	542-75-6				ND	ND		0.00046	0.00014	ND		0.00051	0.00016		ND		0.00049	0.00016	
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.0018	0.00016	ND		0.002	0.00017		ND		0.002	0.00017	
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.073	0.032	ND		0.081	0.036		ND		0.079	0.034	
2,2-Dichloropropane	594-20-7				ND	ND		0.0018	0.00018	ND		0.002	0.0002		ND		0.002	0.0002	
2-Butanone	78-93-3	100	100	0.12	ND	ND		0.0092	0.002	ND		0.01	0.0022		ND		0.0098	0.0022	
2-Hexanone	591-78-6				ND	ND		0.0092	0.0011	ND		0.01	0.0012		ND		0.0098	0.0012	
4-Methyl-2-pentanone	108-10-1				ND	ND		0.0092	0.0012	ND		0.01	0.0013		ND		0.0098	0.0013	
Acetone	67-64-1	100	100	0.05	0.01	ND		0.0092	0.0044	ND		0.01	0.0049		ND		0.0098	0.0047	
Acrylonitrile	107-13-1				ND	ND		0.0037	0.001	ND		0.004	0.0012		ND		0.0039	0.0011	
Benzene	71-43-2	2.9	4.8	0.06	ND	ND		0.00046	0.00015	ND		0.00051	0.00017		ND		0.00049	0.00016	
Bromobenzene	108-86-1				ND	ND		0.0018	0.00013	ND		0.002	0.00015		ND		0.002	0.00014	
Bromochloromethane	74-97-5				ND	ND		0.0018	0.00019	ND		0.002	0.00021		ND		0.002	0.0002	
Bromodichloromethane	75-27-4				ND	ND		0.00046	0.0001	ND		0.00051	0.00011		ND		0.00049	0.00011	
Bromoform	75-25-2				ND	ND		0.0037	0.00022	ND		0.004	0.00025		ND		0.0039	0.00024	
Bromomethane	74-83-9				ND	ND		0.0018	0.00053	ND		0.002	0.00059		ND		0.002	0.00057	
Carbon disulfide	75-15-0				ND	ND		0.0092	0.0042	ND		0.01	0.0046		ND		0.0098	0.0045	
Carbon tetrachloride	56-23-5	1.4	2.4	0.76	ND	ND		0.00092	0.00021	ND		0.001	0.00023		ND		0.00098	0.00023	
Chlorobenzene	108-90-7	100	100	1.1	ND	ND		0.00046	0.00012	ND		0.00051	0.00013		ND		0.00049	0.00012	
Chloroethane	75-00-3				ND	ND		0.0018	0.00042	ND		0.002	0.00046		ND		0.002	0.00044	
Chloroform	67-66-3	10	49	0.37	ND	ND		0.0014	0.00013	ND		0.0015	0.00014		ND		0.0015	0.00014	
Chloromethane	74-87-3				ND	ND		0.0037	0.00086	ND		0.004	0.00094		ND		0.0039	0.00092	
cis-1,2-Dichloroethene	156-59-2	59	100	0.25	ND	ND		0.00092	0.00016	ND		0.001	0.00018		ND		0.00098	0.00017	
cis-1,3-Dichloropropene	10061-01-5				ND	ND		0.00046	0.00014	ND		0.00051	0.00016		ND		0.00049	0.00016	
Dibromochloromethane	124-48-1				ND	ND		0.00092	0.00013	ND		0.001	0.00014		ND		0.00098	0.00014	
Dibromomethane	74-95-3				ND	ND		0.0018	0.00022	ND		0.002	0.00024		ND		0.002	0.00023	
Dichlorodifluoromethane	75-71-8				ND	ND		0.0092	0.00084	ND		0.01	0.00093		ND		0.0098	0.0009	
Ethyl ether	60-29-7				ND	ND		0.0018	0.00031	ND		0.002	0.00035		ND		0.002	0.00034	
Ethylbenzene	100-41-4	30	41	1	ND	ND		0.00092	0.00013	ND		0.001	0.00014		ND		0.00098	0.00014	

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

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-307 (9.5-10)					SB-308 (3.5-4)				SB-309 (3-3.5)			
				LAB ID:	L2361842-02					L2361842-01				L2362230-01			
				COLLECTION DATE:	10/18/2023					10/18/2023				10/19/2023			
				SAMPLE DEPTH:													
				SAMPLE MATRIX:	SOIL					SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES													
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Hexachlorobutadiene	87-68-3				ND	ND		0.0037	0.00016	ND		0.004	0.00017	ND		0.0039	0.00017
Isopropylbenzene	98-82-8				ND	ND		0.00092	0.0001	ND		0.001	0.00011	ND		0.00098	0.00011
Methyl tert butyl ether	1634-04-4	62	100	0.93	ND	ND		0.0018	0.00018	ND		0.002	0.0002	ND		0.002	0.0002
Methylene chloride	75-09-2	51	100	0.05	ND	ND		0.0046	0.0021	ND		0.0051	0.0023	ND		0.0049	0.0022
n-Butylbenzene	104-51-8	100	100	12	ND	ND		0.00092	0.00015	ND		0.001	0.00017	ND		0.00098	0.00016
n-Propylbenzene	103-65-1	100	100	3.9	ND	ND		0.00092	0.00016	ND		0.001	0.00017	ND		0.00098	0.00017
Naphthalene	91-20-3	100	100	12	ND	ND		0.0037	0.0006	ND		0.004	0.00066	ND		0.0039	0.00064
o-Chlorotoluene	95-49-8				ND	ND		0.0018	0.00018	ND		0.002	0.00019	ND		0.002	0.00019
o-Xylene	95-47-6				ND	ND		0.00092	0.00027	ND		0.001	0.0003	ND		0.00098	0.00029
p-Chlorotoluene	106-43-4				ND	ND		0.0018	0.0001	ND		0.002	0.00011	ND		0.002	0.00011
p-Diethylbenzene	105-05-5				ND	ND		0.0018	0.00016	ND		0.002	0.00018	ND		0.002	0.00017
p-Ethyltoluene	622-96-8				ND	ND		0.0018	0.00035	ND		0.002	0.00039	ND		0.002	0.00038
p-Isopropyltoluene	99-87-6				ND	ND		0.00092	0.0001	ND		0.001	0.00011	ND		0.00098	0.00011
p/m-Xylene	179601-23-1				ND	ND		0.0018	0.00051	ND		0.002	0.00057	ND		0.002	0.00055
sec-Butylbenzene	135-98-8	100	100	11	ND	ND		0.00092	0.00013	ND		0.001	0.00015	ND		0.00098	0.00014
Styrene	100-42-5				0.00064	ND		0.00092	0.00018	ND		0.001	0.0002	ND		0.00098	0.00019
tert-Butylbenzene	98-06-6	100	100	5.9	ND	ND		0.0018	0.00011	ND		0.002	0.00012	ND		0.002	0.00012
Tetrachloroethene	127-18-4	5.5	19	1.3	ND	ND		0.00046	0.00018	ND		0.00051	0.0002	ND		0.00049	0.00019
Toluene	108-88-3	100	100	0.7	ND	ND		0.00092	0.0005	ND		0.001	0.00055	ND		0.00098	0.00053
trans-1,2-Dichloroethene	156-60-5	100	100	0.19	ND	ND		0.0014	0.00012	ND		0.0015	0.00014	ND		0.0015	0.00013
trans-1,3-Dichloropropene	10061-02-6				ND	ND		0.00092	0.00025	ND		0.001	0.00028	ND		0.00098	0.00027
trans-1,4-Dichloro-2-butene	110-57-6				ND	ND		0.0046	0.0013	ND		0.0051	0.0014	ND		0.0049	0.0014
Trichloroethene	79-01-6	10	21	0.47	ND	ND		0.00046	0.00012	ND		0.00051	0.00014	ND		0.00049	0.00013
Trichlorofluoromethane	75-69-4				ND	ND		0.0037	0.00064	ND		0.004	0.0007	ND		0.0039	0.00068
Vinyl acetate	108-05-4				ND	ND		0.0092	0.002	ND		0.01	0.0022	ND		0.0098	0.0021
Vinyl chloride	75-01-4	0.21	0.9	0.02	ND	ND		0.00092	0.00031	ND		0.001	0.00034	ND		0.00098	0.00033
Xylenes, Total	1330-20-7	100	100	0.26	ND	ND		0.00092	0.00027	ND		0.001	0.0003	ND		0.00098	0.00029
Total VOCs					0.01064	-	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																	
Cyclopentane	000287-92-3				-	-	-	-	-	-	-	-	-	ND		0	0
Cyclotrisiloxane, Hexamethyl-	000541-05-9				0.00646	-		-	-	-		-	-	-	-	-	-
No Tentatively Identified Compounds					-	-	-	-	-	-	-	-	-	-	-	-	-
Pentane	000109-66-0				-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					-	-		-	-	0.00238	NJ	0	0	-	-	-	-
Unknown					-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown					0.00305	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cycloalkane					-	0.0087	J	0	0	0.00959	J	0	0	-	-	-	-
Total TIC Compounds					0.00951	-		-	-	0.00214	J	0	0	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633						-	-	-	-	-	-	-	-				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				-	0.0087	J	0	0	0.0141	J	0	0				
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				-												
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				-	-	-	-	-	-	-	-	-				
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				-	-	-	-	-	-	-	-	-				
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				-	-	-	-	-	-	-	-	-				
Perfluorobutanoic Acid (PFBA)	375-22-4				-	-	-	-	-	-	-	-	-				
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				-	-	-	-	-	-	-	-	-				
Perfluorodecanoic Acid (PFDA)	335-76-2				-	-	-	-	-	-	-	-	-				
Perfluorododecanoic Acid (PFDoA)	307-55-1				-	-	-	-	-	-	-	-	-				
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				-	-	-	-	-	-	-	-	-				
Perfluoroheptanoic Acid (PFHpA)	375-85-9				-	-	-	-	-	-	-	-	-				
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				-	-	-	-	-	-	-	-	-				

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-307 (9.5-10)					SB-308 (3.5-4)				SB-309 (3-3.5)			
				LAB ID:	L2361842-02					L2361842-01				L2362230-01			
				COLLECTION DATE:	10/18/2023					10/18/2023				10/19/2023			
				SAMPLE DEPTH:													
				SAMPLE MATRIX:	SOIL					SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES													
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorohexanoic Acid (PFHxA)	307-24-4				-	-	-	-	-	-	-	-	-				
Perfluorononanoic Acid (PFNA)	375-95-1				-	-	-	-	-	-	-	-	-				
Perfluorooctanesulfonamide (PFOSA)	754-91-6				-	-	-	-	-	-	-	-	-				
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1				-	-	-	-	-	-	-	-	-				
Perfluorooctanoic Acid (PFOA)	335-67-1				-	-	-	-	-	-	-	-	-				
Perfluoropentanoic Acid (PFPeA)	2706-90-3				-	-	-	-	-	-	-	-	-				
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7				-	-	-	-	-	-	-	-	-				
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				-	-	-	-	-	-	-	-	-				
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				-	-	-	-	-	-	-	-	-				
PFOA/PFOS, Total					-	-	-	-	-	-	-	-	-				
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION						-	-	-	-	-	-	-	-				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4				ND	-	-	-	-	-	-	-	-				
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2F	27619-97-2				ND												
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (	2991-50-6				ND	-	-	-	-	-	-	-	-				
N-Methyl Perfluorooctanesulfonamidoacetic Acid	2355-31-9				ND	-	-	-	-	-	-	-	-				
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				ND	-	-	-	-	-	-	-	-				
Perfluorobutanoic Acid (PFBA)	375-22-4				ND	-	-	-	-	-	-	-	-				
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				ND	-	-	-	-	-	-	-	-				
Perfluorodecanoic Acid (PFDA)	335-76-2				ND	-	-	-	-	-	-	-	-				
Perfluorododecanoic Acid (PFDoA)	307-55-1				ND	-	-	-	-	-	-	-	-				
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				ND	-	-	-	-	-	-	-	-				
Perfluoroheptanoic Acid (PFHpA)	375-85-9				ND	-	-	-	-	-	-	-	-				
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				ND	-	-	-	-	-	-	-	-				
Perfluorohexanoic Acid (PFHxA)	307-24-4				ND	-	-	-	-	-	-	-	-				
Perfluorononanoic Acid (PFNA)	375-95-1				ND	-	-	-	-	-	-	-	-				
Perfluorooctanesulfonamide (FOSA)	754-91-6				ND	-	-	-	-	-	-	-	-				
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.044	0.0088	0.00088	ND	-	-	-	-	-	-	-	-				
Perfluorooctanoic Acid (PFOA)	335-67-1	0.033	0.0066	0.00066	ND	-	-	-	-	-	-	-	-				
Perfluoropentanoic Acid (PFPeA)	2706-90-3				ND	-	-	-	-	-	-	-	-				
Perfluorotetradecanoic Acid (PFTA)	376-06-7				ND	-	-	-	-	-	-	-	-				
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				ND	-	-	-	-	-	-	-	-				
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				ND	-	-	-	-	-	-	-	-				
PFOA/PFOS, Total					ND	-	-	-	-	-	-	-	-				
SEMIVOLATILE ORGANICS BY GC/MS																	
1,2,4,5-Tetrachlorobenzene	95-94-3				ND	ND		0.18	0.019	ND		0.17	0.018	ND		0.18	0.019
1,2,4-Trichlorobenzene	120-82-1				ND	ND		0.18	0.021	ND		0.17	0.019	ND		0.18	0.021
1,2-Dichlorobenzene	95-50-1	100	100	1.1	ND	ND		0.18	0.033	ND		0.17	0.03	ND		0.18	0.033
1,3-Dichlorobenzene	541-73-1	17	49	2.4	ND	ND		0.18	0.031	ND		0.17	0.029	ND		0.18	0.031
1,4-Dichlorobenzene	106-46-7	9.8	13	1.8	ND	ND		0.18	0.032	ND		0.17	0.03	ND		0.18	0.032
1,4-Dioxane	123-91-1	9.8	13	0.1	ND	ND		0.027	0.0084	ND		0.026	0.0078	ND		0.027	0.0084
2,4,5-Trichlorophenol	95-95-4				ND	ND		0.18	0.035	ND		0.17	0.033	ND		0.18	0.035
2,4,6-Trichlorophenol	88-06-2				ND	ND		0.11	0.034	ND		0.1	0.032	ND		0.11	0.035
2,4-Dichlorophenol	120-83-2				ND	ND		0.16	0.029	ND		0.15	0.027	ND		0.16	0.029
2,4-Dimethylphenol	105-67-9				ND	ND		0.18	0.06	ND		0.17	0.056	ND		0.18	0.06
2,4-Dinitrophenol	51-28-5				ND	ND		0.88	0.085	ND		0.82	0.079	ND		0.88	0.085
2,4-Dinitrotoluene	121-14-2				ND	ND		0.18	0.036	ND		0.17	0.034	ND		0.18	0.036
2,6-Dinitrotoluene	606-20-2				ND	ND		0.18	0.031	ND		0.17	0.029	ND		0.18	0.031
2-Chloronaphthalene	91-58-7				ND	ND		0.18	0.018	ND		0.17	0.017	ND		0.18	0.018
2-Chlorophenol	95-57-8				ND	ND		0.18	0.022	ND		0.17	0.02	ND		0.18	0.022
2-Methylnaphthalene	91-57-6				ND	ND		0.22	0.022	ND		0.2	0.02	ND		0.22	0.022
2-Methylphenol	95-48-7	100	100	0.33	ND	ND		0.18	0.028	ND		0.17	0.026	ND		0.18	0.028

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-307 (9.5-10)					SB-308 (3.5-4)					SB-309 (3-3.5)				
				LAB ID:	L2361842-02					L2361842-01					L2362230-01				
				COLLECTION DATE:	10/18/2023					10/18/2023					10/19/2023				
				SAMPLE DEPTH:															
				SAMPLE MATRIX:	SOIL					SOIL					SOIL				
		NY-RESR	NY-RESRR	NY-UNRES															
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL		Conc	Q	RL	MDL	
2-Nitroaniline	88-74-4				ND	ND		0.18	0.035	ND		0.17	0.033		ND		0.18	0.035	
2-Nitrophenol	88-75-5				ND	ND		0.39	0.068	ND		0.37	0.064		ND		0.39	0.069	
3,3'-Dichlorobenzidine	91-94-1				ND	ND		0.18	0.048	ND		0.17	0.045		ND		0.18	0.049	
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	34	100	0.33	ND	ND		0.26	0.028	ND		0.24	0.027		ND		0.26	0.029	
3-Nitroaniline	99-09-2				ND	ND		0.18	0.034	ND		0.17	0.032		ND		0.18	0.034	
4,6-Dinitro-o-cresol	534-52-1				ND	ND		0.47	0.088	ND		0.44	0.082		ND		0.48	0.088	
4-Bromophenyl phenyl ether	101-55-3				ND	ND		0.18	0.028	ND		0.17	0.026		ND		0.18	0.028	
4-Chloroaniline	106-47-8				ND	ND		0.18	0.033	ND		0.17	0.031		ND		0.18	0.033	
4-Chlorophenyl phenyl ether	7005-72-3				ND	ND		0.18	0.02	ND		0.17	0.018		ND		0.18	0.02	
4-Nitroaniline	100-01-6				ND	ND		0.18	0.076	ND		0.17	0.07		ND		0.18	0.076	
4-Nitrophenol	100-02-7				ND	ND		0.26	0.074	ND		0.24	0.069		ND		0.26	0.074	
Acenaphthene	83-32-9	100	100	20	ND	ND		0.14	0.019	ND		0.14	0.018		ND		0.15	0.019	
Acenaphthylene	208-96-8	100	100	100	ND	ND		0.14	0.028	0.064	J	0.14	0.026		ND		0.15	0.028	
Acetophenone	98-86-2				ND	ND		0.18	0.022	ND		0.17	0.021		ND		0.18	0.023	
Anthracene	120-12-7	100	100	100	ND	ND		0.11	0.036	0.082	J	0.1	0.033		ND		0.11	0.036	
Benzo(a)anthracene	56-55-3	1	1	1	ND	ND		0.11	0.02	0.036	J	0.1	0.019		ND		0.11	0.02	
Benzo(a)pyrene	50-32-8	1	1	1	ND	ND		0.14	0.044	ND		0.14	0.042		ND		0.15	0.044	
Benzo(b)fluoranthene	205-99-2	1	1	1	ND	ND		0.11	0.031	ND		0.1	0.029		ND		0.11	0.031	
Benzo(ghi)perylene	191-24-2	100	100	100	ND	ND		0.14	0.021	0.62		0.14	0.02		ND		0.15	0.021	
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	ND	ND		0.11	0.029	ND		0.1	0.027		ND		0.11	0.029	
Benzoic Acid	65-85-0				ND	ND		0.59	0.18	ND		0.55	0.17		ND		0.59	0.18	
Benzyl Alcohol	100-51-6				ND	ND		0.18	0.056	ND		0.17	0.052		ND		0.18	0.056	
Biphenyl	92-52-4				ND	ND		0.42	0.024	ND		0.39	0.022		ND		0.42	0.024	
Bis(2-chloroethoxy)methane	111-91-1				ND	ND		0.2	0.018	ND		0.18	0.017		ND		0.2	0.018	
Bis(2-chloroethyl)ether	111-44-4				ND	ND		0.16	0.025	ND		0.15	0.023		ND		0.16	0.025	
Bis(2-chloroisopropyl)ether	108-60-1				ND	ND		0.22	0.031	ND		0.2	0.029		ND		0.22	0.031	
Bis(2-ethylhexyl)phthalate	117-81-7				ND	ND		0.18	0.063	ND		0.17	0.059		ND		0.18	0.063	
Butyl benzyl phthalate	85-68-7				ND	ND		0.18	0.046	ND		0.17	0.043		ND		0.18	0.046	
Carbazole	86-74-8				ND	ND		0.18	0.018	0.027	J	0.17	0.016		ND		0.18	0.018	
Chrysene	218-01-9	1	3.9	1	ND	ND		0.11	0.019	0.027	J	0.1	0.018		ND		0.11	0.019	
Di-n-butylphthalate	84-74-2				ND	ND		0.18	0.034	ND		0.17	0.032		ND		0.18	0.035	
Di-n-octylphthalate	117-84-0				ND	ND		0.18	0.062	ND		0.17	0.058		ND		0.18	0.062	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	ND	ND		0.11	0.021	ND		0.1	0.02		ND		0.11	0.021	
Dibenzofuran	132-64-9	14	59	7	ND	ND		0.18	0.017	ND		0.17	0.016		ND		0.18	0.017	
Diethyl phthalate	84-66-2				ND	ND		0.18	0.017	ND		0.17	0.016		ND		0.18	0.017	
Dimethyl phthalate	131-11-3				ND	ND		0.18	0.038	ND		0.17	0.036		ND		0.18	0.038	
Fluoranthene	206-44-0	100	100	100	ND	ND		0.11	0.021	0.056	J	0.1	0.02		ND		0.11	0.021	
Fluorene	86-73-7	100	100	30	ND	ND		0.18	0.018	ND		0.17	0.016		ND		0.18	0.018	
Hexachlorobenzene	118-74-1	0.33	1.2	0.33	ND	ND		0.11	0.02	ND		0.1	0.019		ND		0.11	0.02	
Hexachlorobutadiene	87-68-3				ND	ND		0.18	0.027	ND		0.17	0.025		ND		0.18	0.027	
Hexachlorocyclopentadiene	77-47-4				ND	ND		0.52	0.16	ND		0.49	0.15		ND		0.52	0.16	
Hexachloroethane	67-72-1				ND	ND		0.14	0.03	ND		0.14	0.028		ND		0.15	0.03	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	ND	ND		0.14	0.025	0.27		0.14	0.024		ND		0.15	0.025	
Isophorone	78-59-1				ND	ND		0.16	0.024	ND		0.15	0.022		ND		0.16	0.024	
n-Nitrosodi-n-propylamine	621-64-7				ND	ND		0.18	0.028	ND		0.17	0.026		ND		0.18	0.028	
Naphthalene	91-20-3	100	100	12	ND	ND		0.18	0.022	ND		0.17	0.021		ND		0.18	0.022	
NDPA/DPA	86-30-6				ND	ND		0.14	0.021	ND		0.14	0.019		ND		0.15	0.021	
Nitrobenzene	98-95-3				ND	ND		0.16	0.027	ND		0.15	0.025		ND		0.16	0.027	
p-Chloro-m-cresol	59-50-7				ND	ND		0.18	0.027	ND		0.17	0.025		ND		0.18	0.027	
Pentachlorophenol	87-86-5	2.4	6.7	0.8	ND	ND		0.14	0.04	ND		0.14	0.037		ND		0.15	0.04	
Phenanthrene	85-01-8	100	100	100	ND	ND		0.11	0.022	0.074	J	0.1	0.021		ND		0.11	0.022	

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-307 (9.5-10)					SB-308 (3.5-4)				SB-309 (3-3.5)			
				LAB ID:	L2361842-02					L2361842-01				L2362230-01			
				COLLECTION DATE:	10/18/2023					10/18/2023				10/19/2023			
				SAMPLE DEPTH:													
				SAMPLE MATRIX:	SOIL					SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES													
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Phenol	108-95-2	100	100	0.33	ND	ND		0.18	0.028	ND		0.17	0.026	ND		0.18	0.028
Pyrene	129-00-0	100	100	100	ND	ND		0.11	0.018	0.051	J	0.1	0.017	ND		0.11	0.018
Total SVOCs					-	-	-	-	-	1.307	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																	
No Tentatively Identified Compounds					ND	ND		0	0	-		-	-				
Unknown					-	-	-	-	-	-	-	-	-				
Unknown					-	-	-	-	-	-	-	-	-				
Unknown					-	-	-	-	-	-	-	-	-				
Unknown					-	-	-	-	-	-	-	-	-				
Unknown					-	-	-	-	-	-	-	-	-				
Unknown					-	-	-	-	-	-	-	-	-				
Unknown Alcohol					-	-	-	-	-	-	-	-	-				
Unknown Ketone					-	-	-	-	-	-	-	-	-				
Unknown Ketone					-	-	-	-	-	-	-	-	-				
Unknown Ketone					-	-	-	-	-	-	-	-	-				
Unknown PAH					-	-		-	-	0.252	J	0	0				
Unknown PAH					-	-	-	-	-	-	-	-	-				
Unknown PAH					-	-	-	-	-	-	-	-	-				
Unknown PAH					-	-	-	-	-	-	-	-	-				
Unknown PAH					-	-	-	-	-	-	-	-	-				
Unknown PAH					-	-	-	-	-	-	-	-	-				
Unknown PAH					-	-	-	-	-	-	-	-	-				
Unknown PAH					-	-	-	-	-	-	-	-	-				
Unknown PAH					-	-	-	-	-	-	-	-	-				
Unknown PAH					-	-	-	-	-	-	-	-	-				
Unknown Thiophene					-	-	-	-	-	-	-	-	-				
Total TIC Compounds					-	-		-	-	0.252	J	0	0				
ORGANOCHLORINE PESTICIDES BY GC																	
4,4'-DDD	72-54-8	2.6	13	0.0033	ND	ND		0.00171	0.000609	ND		0.00161	0.000574	ND		0.00174	0.00062
4,4'-DDE	72-55-9	1.8	8.9	0.0033	ND	ND		0.00171	0.000395	ND		0.00161	0.000372	ND		0.00174	0.000402
4,4'-DDT	50-29-3	1.7	7.9	0.0033	ND	ND		0.00171	0.00137	ND		0.00161	0.0013	ND		0.00174	0.0014
Aldrin	309-00-2	0.019	0.097	0.005	ND	ND		0.00171	0.000602	ND		0.00161	0.000567	ND		0.00174	0.000612
Alpha-BHC	319-84-6	0.097	0.48	0.02	ND	ND		0.000712	0.000202	ND		0.000671	0.00019	ND		0.000724	0.000206
Beta-BHC	319-85-7	0.072	0.36	0.036	ND	ND		0.00171	0.000648	ND		0.00161	0.000611	ND		0.00174	0.000659
Chlordane	57-74-9				ND	ND		0.0142	0.00566	ND		0.0134	0.00533	ND		0.0145	0.00576
cis-Chlordane	5103-71-9	0.91	4.2	0.094	ND	ND		0.00214	0.000595	ND		0.00201	0.000561	ND		0.00217	0.000606
Delta-BHC	319-86-8	100	100	0.04	ND	ND		0.00171	0.000334	ND		0.00161	0.000315	ND		0.00174	0.00034
Dieldrin	60-57-1	0.039	0.2	0.005	ND	ND		0.00107	0.000534	ND		0.00101	0.000503	ND		0.00109	0.000543
Endosulfan I	959-98-8	4.8	24	2.4	ND	ND		0.00171	0.000404	ND		0.00161	0.00038	ND		0.00174	0.000411
Endosulfan II	33213-65-9	4.8	24	2.4	ND	ND		0.00171	0.000571	ND		0.00161	0.000538	ND		0.00174	0.000581
Endosulfan sulfate	1031-07-8	4.8	24	2.4	ND	ND		0.000712	0.000339	ND		0.000671	0.000319	ND		0.000724	0.000345
Endrin	72-20-8	2.2	11	0.014	ND	ND		0.000712	0.000292	ND		0.000671	0.000275	ND		0.000724	0.000297
Endrin aldehyde	7421-93-4				ND	ND		0.00214	0.000747	ND		0.00201	0.000704	ND		0.00217	0.000761
Endrin ketone	53494-70-5				ND	ND		0.00171	0.00044	ND		0.00161	0.000415	ND		0.00174	0.000448
Heptachlor	76-44-8	0.42	2.1	0.042	ND	ND		0.000854	0.000383	ND		0.000805	0.000361	ND		0.000869	0.00039
Heptachlor epoxide	1024-57-3				ND	ND		0.0032	0.000961	ND		0.00302	0.000906	ND		0.00326	0.000978
Lindane	58-89-9	0.28	1.3	0.1	ND	ND		0.000712	0.000318	ND		0.000671	0.0003	ND		0.000724	0.000324
Methoxychlor	72-43-5				ND	ND		0.0032	0.000997	ND		0.00302	0.000939	ND		0.00326	0.00101
Toxaphene	8001-35-2				ND	ND		0.032	0.00897	ND		0.0302	0.00846	ND		0.0326	0.00913
trans-Chlordane	5103-74-2				ND	ND		0.00214	0.000564	ND		0.00201	0.000531	ND		0.00217	0.000574
POLYCHLORINATED BIPHENYLS BY GC																	

Table 2.2
Summary of Soil Analytical Results

				SAMPLE ID:	SB-307 (9.5-10)					SB-308 (3.5-4)				SB-309 (3-3.5)			
				LAB ID:	L2361842-02					L2361842-01				L2362230-01			
				COLLECTION DATE:	10/18/2023					10/18/2023				10/19/2023			
				SAMPLE DEPTH:													
				SAMPLE MATRIX:	SOIL					SOIL				SOIL			
		NY-RESR	NY-RESRR	NY-UNRES													
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	12674-11-2	1	1	0.1	ND	ND		0.0536	0.00476	ND		0.0499	0.00443	ND		0.0544	0.00483
Aroclor 1221	11104-28-2	1	1	0.1	ND	ND		0.0536	0.00538	ND		0.0499	0.005	ND		0.0544	0.00545
Aroclor 1232	11141-16-5	1	1	0.1	ND	ND		0.0536	0.0114	ND		0.0499	0.0106	ND		0.0544	0.0115
Aroclor 1242	53469-21-9	1	1	0.1	ND	ND		0.0536	0.00723	ND		0.0499	0.00672	ND		0.0544	0.00733
Aroclor 1248	12672-29-6	1	1	0.1	ND	ND		0.0536	0.00805	ND		0.0499	0.00748	ND		0.0544	0.00815
Aroclor 1254	11097-69-1	1	1	0.1	ND	ND		0.0536	0.00587	ND		0.0499	0.00546	ND		0.0544	0.00595
Aroclor 1260	11096-82-5	1	1	0.1	ND	ND		0.0536	0.00991	ND		0.0499	0.00922	ND		0.0544	0.01
Aroclor 1262	37324-23-5	1	1	0.1	ND	ND		0.0536	0.00681	ND		0.0499	0.00634	ND		0.0544	0.0069
Aroclor 1268	11100-14-4	1	1	0.1	ND	ND		0.0536	0.00556	ND		0.0499	0.00517	ND		0.0544	0.00563
PCBs, Total	1336-36-3	1	1	0.1	ND	ND		0.0536	0.00476	ND		0.0499	0.00443	ND		0.0544	0.00483
TOTAL METALS																	
Aluminum, Total	7429-90-5				8950	8890		8.62	2.33	7450		7.97	2.15	15900		8.7	2.35
Antimony, Total	7440-36-0				ND	ND		4.31	0.327	ND		3.99	0.303	ND		4.35	0.331
Arsenic, Total	7440-38-2	16	16	13	0.421	1.6		0.862	0.179	1.67		0.797	0.166	1.94		0.87	0.181
Barium, Total	7440-39-3	350	400	350	49	68.4		0.862	0.15	40.8		0.797	0.139	111		0.87	0.151
Beryllium, Total	7440-41-7	14	72	7.2	0.258	0.241	J	0.431	0.028	0.225	J	0.399	0.026	0.536		0.435	0.029
Cadmium, Total	7440-43-9	2.5	4.3	2.5	0.103	0.087	J	0.862	0.084	0.098	J	0.797	0.078	ND		0.87	0.085
Calcium, Total	7440-70-2				611	820		8.62	3.02	3300		7.97	2.79	910		8.7	3.04
Chromium, Total	7440-47-3				17.6	18.3		0.862	0.083	35.4		0.797	0.077	27.4		0.87	0.084
Cobalt, Total	7440-48-4				3.21	4.43		1.72	0.143	7.6		1.59	0.132	9.91		1.74	0.144
Copper, Total	7440-50-8	270	270	50	13.1	12.4		0.862	0.222	28.7		0.797	0.206	24.3		0.87	0.224
Iron, Total	7439-89-6				12400	14000		4.31	0.778	13000		3.99	0.72	19500		4.35	0.786
Lead, Total	7439-92-1	400	400	63	3.05	3.69	J	4.31	0.231	20.6		3.99	0.214	15.7		4.35	0.233
Magnesium, Total	7439-95-4				2010	2460		8.62	1.33	3520		7.97	1.23	4320		8.7	1.34
Manganese, Total	7439-96-5	2000	2000	1600	290	232		0.862	0.137	174		0.797	0.127	513		0.87	0.138
Mercury, Total	7439-97-6	0.81	0.81	0.18	ND	ND		0.072	0.047	ND		0.075	0.049	ND		0.077	0.05
Nickel, Total	7440-02-0	140	310	30	11	12		2.15	0.208	52.1		1.99	0.193	19.6		2.18	0.21
Potassium, Total	7440-09-7				2380	3030		215	12.4	1200		199	11.5	5420		218	12.5
Selenium, Total	7782-49-2	36	180	3.9	ND	ND		1.72	0.222	0.417	J	1.59	0.206	ND		1.74	0.224
Silver, Total	7440-22-4	36	180	2	ND	ND		0.431	0.244	ND		0.399	0.226	ND		0.435	0.246
Sodium, Total	7440-23-5				141	189		172	2.71	133	J	159	2.51	143	J	174	2.74
Thallium, Total	7440-28-0				ND	1.08	J	1.72	0.271	0.619	J	1.59	0.251	4		1.74	0.274
Vanadium, Total	7440-62-2				17.8	18.5		0.862	0.175	18.5		0.797	0.162	34		0.87	0.177
Zinc, Total	7440-66-6	2200	10000	109	21.3	25.5		4.31	0.252	20		3.99	0.234	41.8		4.35	0.255
GENERAL CHEMISTRY																	
Cyanide, Total	57-12-5	27	27	27	ND	ND		1	0.22	ND		1	0.21	ND		1	0.22
Solids, Total	NONE				93.5	89.7		0.1	NA	95.1		0.1	NA	90.7		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.

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

NY-RESRR: 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.

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

Table 2.4 - Summary of Groundwater Analytical Results
466 Main Street, New Rochelle, NY; Block 215, Lot 34

SAMPLE ID:			TW-2				MW-1				TW-202			
LAB ID:			L2242491-02				L2242491-03				L2305142-17			
COLLECTION DATE:			8/6/2022				8/6/2022				1/28/2023			
ANALYTE	CAS	NY-AWQS	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
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
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
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35	ND		250	61	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1
Acetone	67-64-1	50	3.1	J	5	1.5	ND		5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
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
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4		ND		5	1	ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2	ND		1	0.07	ND		1	0.07	ND		1	0.07
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			3.1	-	-	-	-	-	-	-	-	-	-	-
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		-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4		ND		0.00176	0.00106	ND		0.00178	0.00108	ND		0.0083	0.00323
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4		-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2		ND		0.00176	0.00117	ND		0.00178	0.00119	ND		0.0083	0.0028
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3		-		-	-	-		-	-	-		-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4		-		-	-	-		-	-	-		-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5		-		-	-	-		-	-	-		-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4		-		-	-	-		-	-	-		-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1		-		-	-	-		-	-	-		-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6		-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2		-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2		-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6		ND		0.00176	0.000707	ND		0.00178	0.000717	ND		0.00208	0.00112
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8		-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7		-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9		ND		0.00176	0.00057	ND		0.00178	0.000578	ND		0.00208	0.00113
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		-		-	-	-		-	-	-		-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7		-		-	-	-		-	-	-		-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		-		-	-	-		-	-	-		-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		-		-	-	-		-	-	-		-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		0.00388		0.00176	0.000209	0.00609		0.00178	0.000212	0.00249		0.00208	0.000695
Perfluorobutanoic Acid (PFBA)	375-22-4		0.00445		0.00176	0.000359	0.00841		0.00178	0.000364	0.0146		0.0083	0.00133

Table 2.4 - Summary of Groundwater Analytical Results
466 Main Street, New Rochelle, NY; Block 215, Lot 34

SAMPLE ID:			TW-2				MW-1				TW-202			
LAB ID:			L2242491-02				L2242491-03				L2305142-17			
COLLECTION DATE:			8/6/2022				8/6/2022				1/28/2023			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		ND		0.00176	0.000861	ND		0.00178	0.000874	0.00239		0.00208	0.000477
Perfluorodecanoic Acid (PFDA)	335-76-2		ND		0.00176	0.000267	ND		0.00178	0.000271	0.0121		0.00208	0.000841
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		-		-	-	-		-	-	-		-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1		ND		0.00176	0.000327	ND		0.00178	0.000332	ND		0.00208	0.000955
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		ND		0.00176	0.000605	ND		0.00178	0.000614	ND		0.00208	0.00056
Perfluoroheptanoic Acid (PFHpA)	375-85-9		0.0039		0.00176	0.000198	0.00448		0.00178	0.000201	0.00955		0.00208	0.000415
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		0.00121	JF	0.00176	0.00033	0.000867	J	0.00178	0.000336	ND		0.00208	0.000498
Perfluorohexanoic Acid (PFHxA)	307-24-4		0.00432		0.00176	0.000288	0.00935		0.00178	0.000293	0.0199		0.00208	0.000612
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		-		-	-	-		-	-	-		-	-
Perfluorononanoic Acid (PFNA)	375-95-1		0.000967	JF	0.00176	0.000274	0.00164	J	0.00178	0.000278	0.00934		0.00208	0.000654
Perfluorooctanesulfonamide (PFOSA)	754-91-6		ND		0.00176	0.00051	ND		0.00178	0.000518	ND		0.00208	0.00056
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	0.0105		0.00176	0.000443	0.014		0.00178	0.00045	0.0372		0.00208	0.000944
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	0.0128		0.00176	0.000207	0.0112		0.00178	0.000211	0.0161		0.00208	0.000903
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		-		-	-	-		-	-	-		-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3		0.0037		0.00176	0.000348	0.0106		0.00178	0.000353	0.0253		0.00415	0.00111
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		ND		0.00176	0.000218	ND		0.00178	0.000221	ND		0.00208	0.00055
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		ND		0.00176	0.000288	ND		0.00178	0.000292	ND		0.00208	0.000778
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		ND		0.00176	0.000228	ND		0.00178	0.000232	0.0147		0.00208	0.000903
PFOA/PFOS, Total			0.0233		0.00176	0.000207	0.0252		0.00178	0.000211	0.0533		0.00208	0.000903
SVOCs (ug/l)														
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ND		10	0.44	ND		10	0.44	ND		10	0.44
1,2,4-Trichlorobenzene	120-82-1	5	ND		5	0.5	ND		5	0.5	ND		5	0.5
1,2-Dichlorobenzene	95-50-1	3	ND		2	0.45	ND		2	0.45	ND		2	0.45
1,3-Dichlorobenzene	541-73-1	3	ND		2	0.4	ND		2	0.4	ND		2	0.4
1,4-Dichlorobenzene	106-46-7	3	ND		2	0.43	ND		2	0.43	ND		2	0.43
2,4,5-Trichlorophenol	95-95-4		ND		5	0.77	ND		5	0.77	ND		5	0.77
2,4,6-Trichlorophenol	88-06-2		ND		5	0.61	ND		5	0.61	ND		5	0.61
2,4-Dichlorophenol	120-83-2	1	ND		5	0.41	ND		5	0.41	ND		5	0.41
2,4-Dimethylphenol	105-67-9	50	ND		5	1.8	ND		5	1.8	ND		5	1.8
2,4-Dinitrophenol	51-28-5	10	ND		20	6.6	ND		20	6.6	ND		20	6.6
2,4-Dinitrotoluene	121-14-2	5	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	606-20-2	5	ND		5	0.93	ND		5	0.93	ND		5	0.93
2-Chlorophenol	95-57-8		ND		2	0.48	ND		2	0.48	ND		2	0.48
2-Methylphenol	95-48-7		ND		5	0.49	ND		5	0.49	ND		5	0.49
2-Nitroaniline	88-74-4	5	ND		5	0.5	ND		5	0.5	ND		5	0.5
2-Nitrophenol	88-75-5		ND		10	0.85	ND		10	0.85	ND		10	0.85
3,3'-Dichlorobenzidine	91-94-1	5	ND		5	1.6	ND		5	1.6	ND		5	1.6
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ND		5	0.48	ND		5	0.48	ND		5	0.48
3-Nitroaniline	99-09-2	5	ND		5	0.81	ND		5	0.81	ND		5	0.81
4,6-Dinitro-o-cresol	534-52-1		ND		10	1.8	ND		10	1.8	ND		10	1.8
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.38	ND		2	0.38	ND		2	0.38
4-Chloroaniline	106-47-8	5	ND		5	1.1	ND		5	1.1	ND		5	1.1
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.49	ND		2	0.49	ND		2	0.49
4-Nitroaniline	100-01-6	5	ND		5	0.8	ND		5	0.8	ND		5	0.8
4-Nitrophenol	100-02-7		ND		10	0.67	ND		10	0.67	ND		10	0.67
Acetophenone	98-86-2		ND		5	0.53	ND		5	0.53	ND		5	0.53
Benzoic Acid	65-85-0		ND		50	2.6	ND		50	2.6	ND		50	2.6
Benzyl Alcohol	100-51-6		ND		2	0.59	ND		2	0.59	ND		2	0.59
Biphenyl	92-52-4		ND		2	0.46	ND		2	0.46	ND		2	0.46
Bis(2-chloroethoxy)methane	111-91-1	5	ND		5	0.5	ND		5	0.5	ND		5	0.5
Bis(2-chloroethyl)ether	111-44-4	1	ND		2	0.5	ND		2	0.5	ND		2	0.5
Bis(2-chloroisopropyl)ether	108-60-1	5	ND		2	0.53	ND		2	0.53	ND		2	0.53
Bis(2-ethylhexyl)phthalate	117-81-7	5	ND		3	1.5	ND		3	1.5	ND		3	1.5
Butyl benzyl phthalate	85-68-7	50	ND		5	1.2	ND		5	1.2	ND		5	1.2
Carbazole	86-74-8		ND		2	0.49	ND		2	0.49	ND		2	0.49
Di-n-butylphthalate	84-74-2	50	ND		5	0.39	ND		5	0.39	0.69	J	5	0.39
Di-n-octylphthalate	117-84-0	50	ND		5	1.3	ND		5	1.3	ND		5	1.3
Dibenzofuran	132-64-9		ND		2	0.5	ND		2	0.5	ND		2	0.5
Diethyl phthalate	84-66-2	50	ND		5	0.38	ND		5	0.38	ND		5	0.38
Dimethyl phthalate	131-11-3	50	ND		5	1.8	ND		5	1.8	ND		5	1.8
Hexachlorocyclopentadiene	77-47-4	5	ND		20	0.69	ND		20	0.69	ND		20	0.69
Isophorone	78-59-1	50	ND		5	1.2	ND		5	1.2	ND		5	1.2
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.64	ND		5	0.64	ND		5	0.64
NDPA/DPA	86-30-6	50	ND		2	0.42	ND		2	0.42	ND		2	0.42
Nitrobenzene	98-95-3	0.4	ND		2	0.77	ND		2	0.77	ND		2	0.77
p-Chloro-m-cresol	59-50-7		ND		2	0.35	ND		2	0.35	ND		2	0.35
Phenol	108-95-2	1	ND		5	0.57	ND		5	0.57	ND		5	0.57
Total SVOCs			-	-	-	-	-	-	-	-	0.69	-	-	-
SVOCs - SIM (ug/l)														
2-Chloronaphthalene	91-58-7	10	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02
2-Methylnaphthalene	91-57-6		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Acenaphthene	83-32-9	20	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Acenaphthylene	208-96-8		ND		0.1	0.01	0.02	J	0.1	0.01	ND		0.1	0.01
Anthracene	120-12-7	50	ND		0.1	0.01	0.02	J	0.1	0.01	0.02	J	0.1	0.01
Benzo(a)anthracene	56-55-3	0.002	ND		0.1	0.02	0.11		0.1	0.02	0.03	J	0.1	0.02
Benzo(a)pyrene	50-32-8	0	ND		0.1	0.02	0.13		0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.002	ND		0.1	0.01	0.27		0.1	0.01	ND		0.1	0.01
Benzo(ghi)perylene	191-24-2		ND		0.1	0.01	0.2		0.1	0.01	ND		0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.002	ND		0.1	0.01	0.08	J	0.1	0.01	ND		0.1	0.01
Chrysene	218-01-9	0.002	ND		0.1	0.01	0.13		0.1	0.01	ND		0.1	0.01
Dibenzo(a,h)anthracene	53-70-3		ND		0.1	0.01	0.04	J	0.1	0.01	ND		0.1	0.01
Fluoranthene	206-44-0	50	0.02	J	0.1	0.02	0.04	J	0.1	0.02	0.02	J	0.1	0.02
Fluorene	86-73-7	50	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Hexachlorobenzene	118-74-1	0.04	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Hexachlorobutadiene	87-68-3	0.5	ND		0.5	0.05	ND		0.5	0.05	ND		0.5	0.05
Hexachloroethane	67-72-1	5	ND		0.8	0.06	ND		0.8	0.06	ND		0.8	0.06
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ND		0.1	0.01	0.2		0.1	0.01	ND		0.1	0.01
Naphthalene	91-20-3	10	ND		0.1	0.05	ND		0.1	0.05	ND		0.1	0.05
Pentachlorophenol	87-86-5	1	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Phenanthrene	85-01-8	50	ND		0.1	0.02	0.03	J	0.1	0.02	0.04	J	0.1	0.02
Pyrene	129-00-0	50	ND		0.1	0.02	0.03	J	0.1	0.02	0.02	J	0.1	0.02
Total SVOCs			0.02	-	-	-	1.3	-	-	-	0.13	-	-	-
Pesticides (ug/l)														
4,4'-DDD	72-54-8	0.3	ND		0.029	0.003	ND		0.029	0.003	ND		0.029	0.003
4,4'-DDE	72-55-9	0.2	ND		0.029	0.003	ND		0.029	0.003	ND		0.029	0.003
4,4'-DDT	50-29-3	0.2	ND		0.029	0.003	ND		0.029	0.003	ND		0.029	0.003
Aldrin	309-00-2	0	ND		0.014	0.002	ND		0.014	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		0.014	0.003
Beta-BHC	319-85-7	0.04	ND		0.014	0.004	ND		0.014	0.004	ND		0.014	0.004
Chlordane	57-74-9	0.05	ND		0.143	0.033	ND		0.143	0.033	ND		0.143	0.033
cis-Chlordane	5103-71-9		ND		0.014	0.005	ND		0.014	0.005	ND		0.014	0.005
Delta-BHC	319-86-8	0.04	ND		0.014	0.003	ND		0.014	0.003	ND		0.014	0.003
Dieldrin	60-57-1	0.004	ND		0.029	0.003	ND		0.029	0.003	ND		0.029	0.003

Table 2.4 - Summary of Groundwater Analytical Results
466 Main Street, New Rochelle, NY; Block 215, Lot 34

SAMPLE ID:			TW-2				MW-1				TW-202			
LAB ID:			L2242491-02				L2242491-03				L2305142-17			
COLLECTION DATE:			8/6/2022				8/6/2022				1/28/2023			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Endosulfan I	959-98-8		ND		0.014	0.002	ND		0.014	0.002	ND		0.014	0.002
Endosulfan II	33213-65-9		ND		0.029	0.004	ND		0.029	0.004	ND		0.029	0.004
Endosulfan sulfate	1031-07-8		ND		0.029	0.003	ND		0.029	0.003	ND		0.029	0.003
Endrin	72-20-8	0	ND		0.029	0.003	ND		0.029	0.003	ND		0.029	0.003
Endrin aldehyde	7421-93-4	5	ND		0.029	0.006	ND		0.029	0.006	ND		0.029	0.006
Endrin ketone	53494-70-5	5	ND		0.029	0.003	ND		0.029	0.003	ND		0.029	0.003
Heptachlor	76-44-8	0.04	ND		0.014	0.002	ND		0.014	0.002	ND		0.014	0.002
Heptachlor epoxide	1024-57-3	0.03	ND		0.014	0.003	ND		0.014	0.003	ND		0.014	0.003
Lindane	58-89-9	0.05	ND		0.014	0.003	ND		0.014	0.003	ND		0.014	0.003
Methoxychlor	72-43-5	35	ND		0.143	0.005	ND		0.143	0.005	ND		0.143	0.005
Toxaphene	8001-35-2	0.06	ND		0.143	0.045	ND		0.143	0.045	ND		0.143	0.045
trans-Chlordane	5103-74-2		ND		0.014	0.004	ND		0.014	0.004	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		0.071	0.061
Aroclor 1221	11104-28-2	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1232	11141-16-5	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1242	53469-21-9	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1248	12672-29-6	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1254	11097-69-1	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1260	11096-82-5	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1262	37324-23-5	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1268	11100-14-4	0.09	ND		0.071	0.061	ND		0.071	0.061	ND		0.071	0.061
PCBs, Total	1336-36-3		ND		0.071	0.061	ND		0.071	0.061	ND		0.071	0.061
Metals (ug/l)														
Aluminum, Total	7429-90-5		10100		10	3.27	2290		10	3.27	150000		10	3.27
Antimony, Total	7440-36-0	3	ND		4	0.42	ND		4	0.42	ND		4	0.42
Arsenic, Total	7440-38-2	25	0.7		0.5	0.16	0.79		0.5	0.16	41.51		0.5	0.16
Barium, Total	7440-39-3	1000	197		0.5	0.17	163		0.5	0.17	11710		10	1.73
Beryllium, Total	7440-41-7	3	0.29	J	0.5	0.1	ND		0.5	0.1	14		0.5	0.1
Cadmium, Total	7440-43-9	5	ND		0.2	0.05	ND		0.2	0.05	6.58		0.2	0.05
Calcium, Total	7440-70-2		74600		100	39.4	84300		100	39.4	271000		100	39.4
Chromium, Total	7440-47-3	50	25.09		1	0.17	13.09		1	0.17	396.7		1	0.17
Cobalt, Total	7440-48-4		11.16		0.5	0.16	5.47		0.5	0.16	423.9		0.5	0.16
Copper, Total	7440-50-8	200	24.94		1	0.38	8.07		1	0.38	597.5		1	0.38
Iron, Total	7439-89-6	300	18800		50	19.1	4960		50	19.1	165000		50	19.1
Lead, Total	7439-92-1	25	4.25		1	0.34	2.76		1	0.34	286.5		1	0.34
Magnesium, Total	7439-95-4	35000	30700		70	24.2	46300		70	24.2	117000		70	24.2
Manganese, Total	7439-96-5	300	853.6		1	0.44	1127		1	0.44	88680		10	4.4
Mercury, Total	7439-97-6	0.7	ND		0.2	0.09	ND		0.2	0.09	0.49		0.2	0.09
Nickel, Total	7440-02-0	100	26.17		2	0.55	11.02		2	0.55	733.2		2	0.55
Potassium, Total	7440-09-7		10700		100	30.9	14600		100	30.9	36400		100	30.9
Selenium, Total	7782-49-2	10	9.39		5	1.73	5.15		5	1.73	169		5	1.73
Silver, Total	7440-22-4	50	ND		0.4	0.16	ND		0.4	0.16	0.53		0.4	0.16
Sodium, Total	7440-23-5	20000	124000		100	29.3	124000		100	29.3	109000		100	29.3
Thallium, Total	7440-28-0	0.5	0.25	J	1	0.14	ND		1	0.14	2.47		2	0.14
Vanadium, Total	7440-62-2		24.77		5	1.57	8.46		5	1.57	128.3		5	1.57
Zinc, Total	7440-66-6	2000	30.32		10	3.41	7.87	J	10	3.41	451.3		10	3.41
General Chemistry														
Cyanide, Total	57-12-5	200	ND		5	1	ND		5	1	ND		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 2.4 - Summary of Groundwater Analytical Results
466 Main Street, New Rochelle, NY; Block 215, Lot 34

SAMPLE ID:			TW-303				TW-401			
LAB ID:			L2362532-01				L2511313-06			
COLLECTION DATE:			10/20/2023				2/28/2025			
ANALYTE	CAS	NY-AWQS	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
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35	ND		250	61	ND		250	61
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	78-93-3	50	4.4	J	5	1.9	ND		5	1.9
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1
Acetone	67-64-1	50	22		5	1.5	1.7	J	5	1.5
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1	1.3		0.5	0.16	ND		0.5	0.16
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	0.38	J	0.5	0.19	ND		0.5	0.19
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	21		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	ND		2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.7	ND		2.5	0.17
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	105-05-5		ND		2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	ND		2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18
Toluene	108-88-3	5	1.6	J	2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	108-05-4		ND		5	1	ND		5	1
Vinyl chloride	75-01-4	2	ND		1	0.07	ND		1	0.07
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7
Total VOCs			50.68	-	-	-	1.7	-	-	-
1,4-Dioxane (ug/l)										
1,4-Dioxane	123-91-1	0.35	-		-	-	ND		0.139	0.0314
PFAS (ug/l)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9		ND		0.64	0.132	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4		ND		0.64	0.249	ND		0.064	0.0122
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4		ND		0.64	0.167	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2		ND		0.64	0.216	ND		0.064	0.0482
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3		ND		4	0.936	-	-	-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4		ND		4	0.631	-	-	-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5		ND		0.8	0.264	-	-	-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4		ND		0.64	0.101	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1		ND		0.64	0.132	-	-	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6		ND		0.64	0.0896	-	-	-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2		ND		0.16	0.0736	-	-	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2		ND		1.6	0.196	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6		ND		0.16	0.0864	ND		0.016	0.0048
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8		ND		0.16	0.0696	-	-	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7		ND		1.6	0.376	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9		ND		0.16	0.0872	ND		0.016	0.0048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		ND		0.32	0.189	-	-	-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7		ND		0.32	0.0352	-	-	-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		ND		0.32	0.0456	-	-	-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		ND		0.32	0.0424	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		ND		0.16	0.0536	0.00552	J	0.016	0.004
Perfluorobutanoic Acid (PFBA)	375-22-4		ND		0.64	0.102	0.0092	J	0.064	0.00528

Table 2.4 - Summary of Groundwater Analytical Results
466 Main Street, New Rochelle, NY; Block 215, Lot 34

SAMPLE ID:			TW-303				TW-401			
LAB ID:			L2362532-01				L2511313-06			
COLLECTION DATE:			10/20/2023				2/28/2025			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		ND		0.16	0.0368	0.00432	J	0.016	0.00136
Perfluorodecanoic Acid (PFDA)	335-76-2		ND		0.16	0.0648	0.00344	J	0.016	0.00208
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		ND		0.16	0.0608	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1		ND		0.16	0.0736	ND		0.016	0.00216
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		ND		0.16	0.0432	ND		0.016	0.002
Perfluoroheptanoic Acid (PFHpA)	375-85-9		ND		0.16	0.032	0.00416	JF	0.016	0.0024
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		ND		0.16	0.0384	0.00328	J	0.016	0.00136
Perfluorohexanoic Acid (PFHxA)	307-24-4		ND		0.16	0.0472	0.00912	J	0.016	0.00248
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		ND		0.16	0.0496	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1		ND		0.16	0.0504	0.004	J	0.016	0.00264
Perfluorooctanesulfonamide (PFOSA)	754-91-6		ND		0.16	0.0432	ND		0.016	0.00096
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	ND		0.16	0.0728	0.057		0.016	0.00264
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	ND		0.16	0.0696	0.0161		0.016	0.00264
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		ND		0.16	0.028	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3		ND		0.32	0.0856	0.0112	J	0.032	0.0036
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		ND		0.16	0.0424	ND		0.016	0.0016
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		ND		0.16	0.06	ND		0.016	0.00184
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		ND		0.16	0.0696	ND		0.016	0.00176
PFOA/PFOS, Total			-		-	-	0.0731		0.016	0.00264
SVOCs (ug/l)										
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ND		10	0.44	ND		10	0.24
1,2,4-Trichlorobenzene	120-82-1	5	ND		5	0.5	ND		5	0.98
1,2-Dichlorobenzene	95-50-1	3	ND		2	0.45	ND		2	0.33
1,3-Dichlorobenzene	541-73-1	3	ND		2	0.4	ND		2	0.32
1,4-Dichlorobenzene	106-46-7	3	ND		2	0.43	ND		2	0.39
2,4,5-Trichlorophenol	95-95-4		ND		5	0.77	ND		5	2.1
2,4,6-Trichlorophenol	88-06-2		ND		5	0.61	ND		5	2.1
2,4-Dichlorophenol	120-83-2	1	ND		5	0.41	ND		5	1.7
2,4-Dimethylphenol	105-67-9	50	ND		5	1.8	ND		5	2
2,4-Dinitrophenol	51-28-5	10	ND		20	6.6	ND		20	5.4
2,4-Dinitrotoluene	121-14-2	5	ND		5	1.2	ND		5	0.54
2,6-Dinitrotoluene	606-20-2	5	ND		5	0.93	ND		5	0.84
2-Chlorophenol	95-57-8		ND		2	0.48	ND		2	0.65
2-Methylphenol	95-48-7		ND		5	0.49	ND		5	2.3
2-Nitroaniline	88-74-4	5	ND		5	0.5	ND		5	1
2-Nitrophenol	88-75-5		ND		10	0.85	ND		10	2
3,3'-Dichlorobenzidine	91-94-1	5	ND		5	1.6	ND		5	1.8
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ND		5	0.48	ND		5	1.4
3-Nitroaniline	99-09-2	5	ND		5	0.81	ND		5	1.2
4,6-Dinitro-o-cresol	534-52-1		ND		10	1.8	ND		10	2.3
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.38	ND		2	0.24
4-Chloroaniline	106-47-8	5	ND		5	1.1	ND		5	0.47
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.49	ND		2	0.39
4-Nitroaniline	100-01-6	5	ND		5	0.8	ND		5	1.4
4-Nitrophenol	100-02-7		ND		10	0.67	ND		10	1.4
Acetophenone	98-86-2		ND		5	0.53	ND		5	0.92
Benzoic Acid	65-85-0		ND		50	2.6	14	J	50	2.6
Benzyl Alcohol	100-51-6		ND		2	0.59	ND		2	0.38
Biphenyl	92-52-4		ND		2	0.46	ND		2	0.2
Bis(2-chloroethoxy)methane	111-91-1	5	ND		5	0.5	ND		5	0.84
Bis(2-chloroethyl)ether	111-44-4	1	ND		2	0.5	ND		2	0.39
Bis(2-chloroisopropyl)ether	108-60-1	5	ND		2	0.53	ND		2	0.4
Bis(2-ethylhexyl)phthalate	117-81-7	5	4.4		3	1.5	ND		3	1.4
Butyl benzyl phthalate	85-68-7	50	ND		5	1.2	ND		5	2.6
Carbazole	86-74-8		ND		2	0.49	ND		2	0.31
Di-n-butylphthalate	84-74-2	50	ND		5	0.39	ND		5	0.96
Di-n-octylphthalate	117-84-0	50	ND		5	1.3	ND		5	2.3
Dibenzofuran	132-64-9		ND		2	0.5	ND		2	0.4
Diethyl phthalate	84-66-2	50	ND		5	0.38	ND		5	0.76
Dimethyl phthalate	131-11-3	50	ND		5	1.8	ND		5	0.92
Hexachlorocyclopentadiene	77-47-4	5	ND		20	0.69	ND		20	1.2
Isophorone	78-59-1	50	ND		5	1.2	ND		5	0.86
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.64	ND		5	0.91
NDPA/DPA	86-30-6	50	ND		2	0.42	ND		2	0.92
Nitrobenzene	98-95-3	0.4	ND		2	0.77	ND		2	0.2
p-Chloro-m-cresol	59-50-7		ND		2	0.35	ND		2	0.61
Phenol	108-95-2	1	1.7	J	5	0.57	ND		5	0.35
Total SVOCs			6.1	-	-	-	14	-	-	-
SVOCs - SIM (ug/l)										
2-Chloronaphthalene	91-58-7	10	ND		0.2	0.02	ND		0.2	0.02
2-Methylnaphthalene	91-57-6		ND		0.1	0.02	ND		0.1	0.03
Acenaphthene	83-32-9	20	ND		0.1	0.01	ND		0.1	0.02
Acenaphthylene	208-96-8		ND		0.1	0.01	ND		0.1	0.02
Anthracene	120-12-7	50	ND		0.1	0.01	ND		0.1	0.02
Benzo(a)anthracene	56-55-3	0.002	0.02	J	0.1	0.02	0.04	J	0.1	0.03
Benzo(a)pyrene	50-32-8	0	0.03	J	0.1	0.02	0.03	J	0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.002	0.04	J	0.1	0.01	0.05	J	0.1	0.03
Benzo(ghi)perylene	191-24-2		0.02	J	0.1	0.01	0.04	J	0.1	0.02
Benzo(k)fluoranthene	207-08-9	0.002	0.02	J	0.1	0.01	ND		0.1	0.03
Chrysene	218-01-9	0.002	0.02	J	0.1	0.01	0.04	J	0.1	0.03
Dibenzo(a,h)anthracene	53-70-3		ND		0.1	0.01	ND		0.1	0.02
Fluoranthene	206-44-0	50	0.05	J	0.1	0.02	0.05	J	0.1	0.03
Fluorene	86-73-7	50	ND		0.1	0.01	ND		0.1	0.03
Hexachlorobenzene	118-74-1	0.04	ND		0.8	0.01	ND		0.8	0.01
Hexachlorobutadiene	87-68-3	0.5	ND		0.5	0.05	ND		0.5	0.02
Hexachloroethane	67-72-1	5	ND		0.8	0.06	ND		0.8	0.02
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.02	J	0.1	0.01	0.04	J	0.1	0.02
Naphthalene	91-20-3	10	0.4		0.1	0.05	ND		0.1	0.02
Pentachlorophenol	87-86-5	1	0.1	J	0.8	0.01	ND		0.8	0.06
Phenanthrene	85-01-8	50	0.06	J	0.1	0.02	ND		0.1	0.04
Pyrene	129-00-0	50	0.05	J	0.1	0.02	0.06	J	0.1	0.04
Total SVOCs			0.83	-	-	-	0.35	-	-	-
Pesticides (ug/l)										
4,4'-DDD	72-54-8	0.3	ND		0.029	0.003	ND		0.029	0.01
4,4'-DDE	72-55-9	0.2	ND		0.029	0.003	ND		0.029	0.01
4,4'-DDT	50-29-3	0.2	ND		0.029	0.003	ND		0.029	0.013
Aldrin	309-00-2	0	ND		0.014	0.002	ND		0.014	0.005
Alpha-BHC	319-84-6	0.01	ND		0.014	0.003	ND		0.014	0.005
Beta-BHC	319-85-7	0.04	ND		0.014	0.004	ND		0.02	0.014
Chlordane	57-74-9	0.05	ND		0.143	0.033	ND		0.143	0.098
cis-Chlordane	5103-71-9		ND		0.014	0.005	ND		0.02	0.007
Delta-BHC	319-86-8	0.04	ND		0.014	0.003	ND		0.014	0.006
Dieldrin	60-57-1	0.004	ND		0.029	0.003	ND		0.029	0.004

Table 2.4 - Summary of Groundwater Analytical Results
466 Main Street, New Rochelle, NY; Block 215, Lot 34

SAMPLE ID:			TW-303				TW-401			
LAB ID:			L2362532-01				L2511313-06			
COLLECTION DATE:			10/20/2023				2/28/2025			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Endosulfan I	959-98-8		ND		0.014	0.002	ND		0.014	0.005
Endosulfan II	33213-65-9		ND		0.029	0.004	ND		0.029	0.008
Endosulfan sulfate	1031-07-8		ND		0.029	0.003	ND		0.029	0.007
Endrin	72-20-8	0	ND		0.029	0.003	ND		0.029	0.008
Endrin aldehyde	7421-93-4	5	ND		0.029	0.006	ND		0.03	0.018
Endrin ketone	53494-70-5	5	ND		0.029	0.003	ND		0.029	0.014
Heptachlor	76-44-8	0.04	ND		0.014	0.002	ND		0.014	0.005
Heptachlor epoxide	1024-57-3	0.03	ND		0.014	0.003	ND		0.014	0.005
Lindane	58-89-9	0.05	ND		0.014	0.003	ND		0.014	0.005
Methoxychlor	72-43-5	35	ND		0.143	0.005	ND		0.143	0.014
Toxaphene	8001-35-2	0.06	ND		0.143	0.045	ND		0.2	0.094
trans-Chlordane	5103-74-2		ND		0.014	0.004	ND		0.02	0.011
PCBs (ug/l)										
Aroclor 1016	12674-11-2	0.09	ND		0.071	0.061	ND		0.071	0.013
Aroclor 1221	11104-28-2	0.09	ND		0.071	0.061	ND		0.071	0.015
Aroclor 1232	11141-16-5	0.09	ND		0.071	0.061	ND		0.071	0.015
Aroclor 1242	53469-21-9	0.09	ND		0.071	0.061	ND		0.071	0.015
Aroclor 1248	12672-29-6	0.09	ND		0.071	0.061	ND		0.071	0.015
Aroclor 1254	11097-69-1	0.09	ND		0.071	0.061	ND		0.071	0.015
Aroclor 1260	11096-82-5	0.09	ND		0.071	0.061	ND		0.071	0.015
Aroclor 1262	37324-23-5	0.09	ND		0.071	0.061	ND		0.071	0.015
Aroclor 1268	11100-14-4	0.09	ND		0.071	0.061	ND		0.071	0.015
PCBs, Total	1336-36-3		ND		0.071	0.061	ND		0.071	0.013
Metals (ug/l)										
Aluminum, Total	7429-90-5		54000		10	3.27	140000		100	32.7
Antimony, Total	7440-36-0	3	0.43	J	4	0.42	1.71	J	4	0.42
Arsenic, Total	7440-38-2	25	9.92		0.5	0.16	27.96		0.5	0.16
Barium, Total	7440-39-3	1000	4302		0.5	0.17	4480		0.5	0.17
Beryllium, Total	7440-41-7	3	3.98		0.5	0.1	12.04		0.5	0.1
Cadmium, Total	7440-43-9	5	4.53		0.2	0.05	5.91		0.2	0.05
Calcium, Total	7440-70-2		283000		100	39.4	386000		1000	394
Chromium, Total	7440-47-3	50	1083		1	0.17	213.5		1	0.17
Cobalt, Total	7440-48-4		387.5		0.5	0.16	154.3		5	1.63
Copper, Total	7440-50-8	200	876.8		1	0.38	876.6		1	0.38
Iron, Total	7439-89-6	300	368000		50	19.1	129000		50	19.1
Lead, Total	7439-92-1	25	481.3		1	0.34	2508		1	0.34
Magnesium, Total	7439-95-4	35000	77400		70	24.2	91100		70	24.2
Manganese, Total	7439-96-5	300	48620		10	4.4	22610		10	4.4
Mercury, Total	7439-97-6	0.7	3.04		1	0.45	4.36		0.2	0.09
Nickel, Total	7440-02-0	100	1334		2	0.55	226.8		2	0.55
Potassium, Total	7440-09-7		41200		100	30.9	37800		100	30.9
Selenium, Total	7782-49-2	10	44.5		5	1.73	26.9		5	1.73
Silver, Total	7440-22-4	50	23.67		0.4	0.16	3.19		0.4	0.16
Sodium, Total	7440-23-5	20000	60200		100	29.3	42300		500	29.3
Thallium, Total	7440-28-0	0.5	1.63		1	0.14	3		1	0.14
Vanadium, Total	7440-62-2		93.77		5	1.57	281.6		50	15.7
Zinc, Total	7440-66-6	2000	526.6		10	3.41	1254		10	3.41
General Chemistry										
Cyanide, Total	57-12-5	200	ND		5	1	ND		5	1

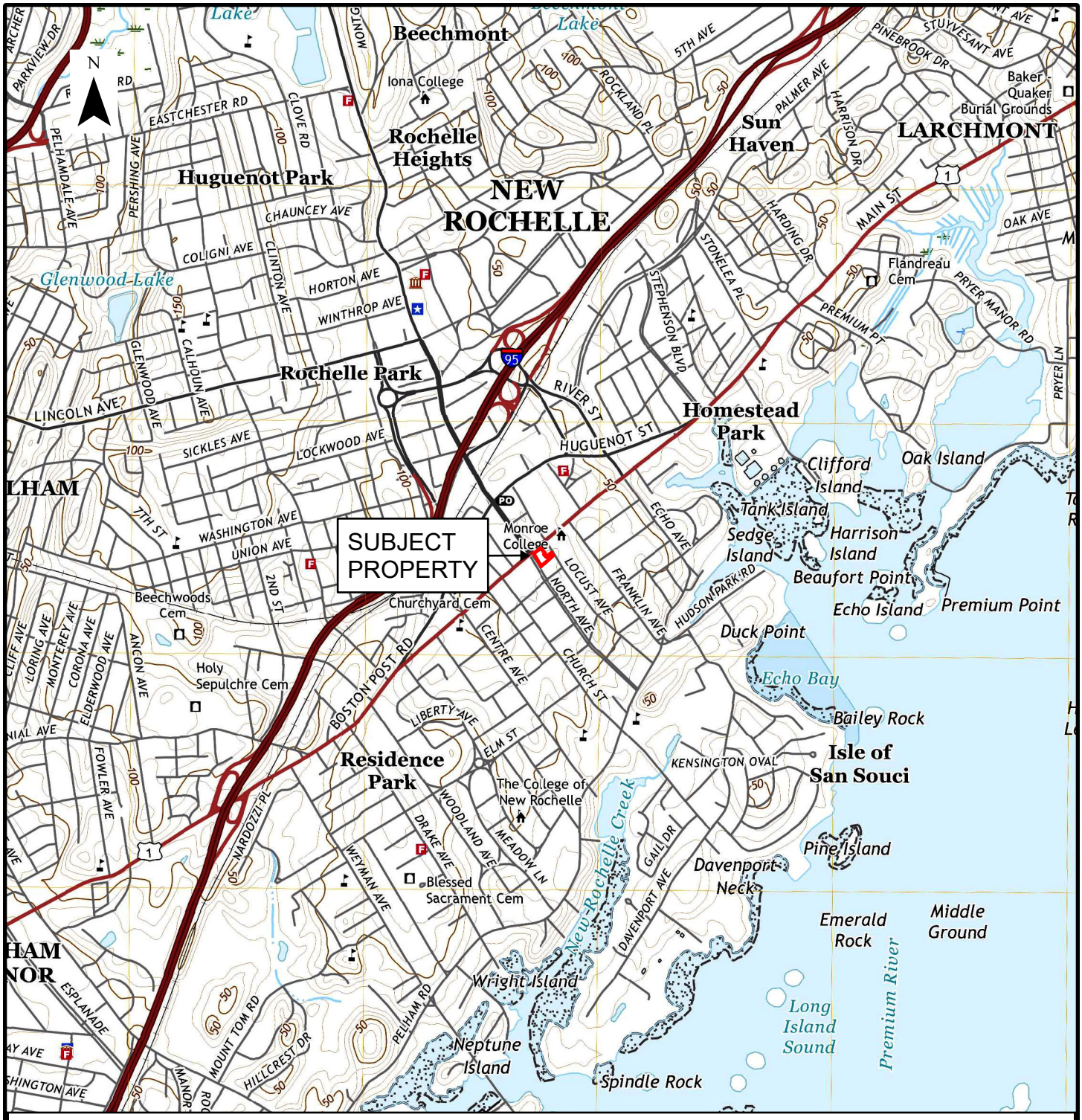
Notes
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & G
Exceedance of NY-AWQS
J = Estimated
ND = Not Detected
- = Not Tested

Table 2.6 - Summary of Soil Vapor Analytical Results
466 Main Street, New Rochelle, NY; Block 215, Lot 34

SAMPLE ID:															SV-2				AA-1				SV-202				SV-303				SV-302				AA-1			
LAB ID:															L2242461-02				L2242461-03				L2304933-02				L2514233-01				L2514233-02				L2514233-03			
COLLECTION DATE:															8/6/2022				8/6/2022				1/28/2023				3/12/2025				3/12/2025				3/12/2025			
SAMPLE MATRIX:															SOIL_VAPOR				AIR				SOIL_VAPOR				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	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		1.09	-	ND		1.09	-	ND		2.6	-	ND		1.09	-	ND		1.09	-	ND		0.109	-
1,1,2,2-Tetrachloroethane	79-34-5														ND		1.37	-	ND		1.37	-	ND		3.27	-	ND		1.37	-	ND		1.37	-	ND		1.37	-
1,1,2-Trichloroethane	79-00-5														ND		1.09	-	ND		1.09	-	ND		2.6	-	ND		1.09	-	ND		1.09	-	ND		1.09	-
1,1-Dichloroethane	75-34-3														ND		0.809	-	ND		0.809	-	ND		1.93	-	0.903		0.809	-	ND		0.809	-	ND		0.809	-
1,1-Dichloroethene	75-35-4	0.2	6												ND		0.793	-	ND		0.793	-	ND		1.89	-	ND		0.793	-	ND		0.793	-	ND		0.079	-
1,2,4-Trichlorobenzene	120-82-1														ND		1.48	-	ND		1.48	-	ND		3.53	-	ND		1.48	-	ND		1.48	-	ND		1.48	-
1,2,4-Trimethylbenzene	95-63-6							2	60						7.82		0.983	-	ND		0.983	-	2.82		2.34	-	4.67		0.983	-	6.74		0.983	-	**2.4**		0.983	-
1,2-Dibromoethane	106-93-4														ND		1.54	-	ND		1.54	-	ND		3.66	-	ND		1.54	-	ND		1.54	-	ND		1.54	-
1,2-Dichlorobenzene	95-50-1														ND		1.2	-	ND		1.2	-	ND		2.86	-	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,2-Dichloroethane	107-06-2														ND		0.809	-	ND		0.809	-	ND		1.93	-	ND		0.809	-	0.834		0.809	-	ND		0.809	-
1,2-Dichloropropane	78-87-5														ND		0.924	-	ND		0.924	-	ND		2.2	-	ND		0.924	-	ND		0.924	-	ND		0.924	-
1,3,5-Trimethylbenzene	108-67-8							2	60						8.6		0.983	-	ND		0.983	-	ND		2.34	-	1.17		0.983	-	2.31		0.983	-	ND		0.983	-
1,3-Butadiene	106-99-0														15.9		0.442	-	ND		0.442	-	ND		1.05	-	ND		0.442	-	ND		0.442	-	ND		0.442	-
1,3-Dichlorobenzene	541-73-1														ND		1.2	-	ND		1.2	-	ND		2.86	-	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7														ND		1.2	-	ND		1.2	-	ND		2.86	-	ND		1.2	-	ND		1.2	-	ND		1.2	-
1,4-Dioxane	123-91-1														ND		0.721	-	ND		0.721	-	ND		1.72	-	ND		0.721	-	3.6		0.721	-	ND		0.721	-
2,2,4-Trimethylpentane	540-84-1							2	60						ND		0.934	-	ND		0.934	-	ND		2.22	-	ND		0.934	-	1.97		0.934	-	ND		0.934	-
2-Butanone	78-93-3														101		1.47	-	ND		1.47	-	56.9		3.51	-	1.71		1.47	-	1.5		1.47	-	4.31		1.47	-
2-Hexanone	591-78-6														35		0.82	-	ND		0.82	-	ND		1.95	-	ND		0.82	-	ND		0.82	-	ND		0.82	-
3-Chloropropene	107-05-1														ND		0.626	-	ND		0.626	-	ND		1.49	-	ND		0.626	-	ND		0.626	-	ND		0.626	-
4-Ethyltoluene	622-96-8														3.52		0.983	-	ND		0.983	-	ND		2.34	-	ND		0.983	-	1.35		0.983	-	ND		0.983	-
4-Methyl-2-pentanone	108-10-1														24.9		2.05	-	ND		2.05	-	ND		4.88	-	ND		2.05	-	ND		2.05	-	ND		2.05	-
Acetone	67-64-1														432		2.38	-	13.5		2.38	-	52		5.65	-	16.4		2.38	-	15.8		2.38	-	86.7		2.38	-
Benzene	71-43-2							2	60						23.7		0.639	-	ND		0.639	-	ND		1.52	-	1.09		0.639	-	5.18		0.639	-	1.09		0.639	-
Benzyl chloride	100-44-7														ND		1.04	-	ND		1.04	-	ND		2.46	-	ND		1.04	-	ND		1.04	-	ND		1.04	-
Bromodichloromethane	75-27-4														ND		1.34	-	ND		1.34	-	ND		3.19	-	ND		1.34	-	1.47		1.34	-	ND		1.34	-
Bromoform	75-25-2														ND		2.07	-	ND		2.07	-	ND		4.92	-	ND		2.07	-	ND		2.07	-	ND		2.07	-
Bromomethane	74-83-9														ND		0.777	-	ND		0.777	-	ND		1.85	-	ND		0.777	-	ND		0.777	-	ND		0.777	-
Carbon disulfide	75-15-0														51.4		0.623	-	ND		0.623	-	ND		1.48	-	1		0.623	-	13.8		0.623	-	ND		0.623	-
Carbon tetrachloride	56-23-5	0.2	6												ND		1.26	-	ND		1.26	-	ND		2.99	-	**29.5**		1.26	-	**7.67**		1.26	-	**0.516**		0.126	-
Chlorobenzene	108-90-7														ND		0.921	-	ND		0.921	-	ND		2.19	-	ND		0.921	-	ND		0.921	-	ND		0.921	-
Chloroethane	75-00-3														3.64		0.528	-	ND		0.528	-	ND		1.26	-	ND		0.528	-	ND		0.528	-	ND		0.528	-
Chloroform	67-66-3														ND		0.977	-	ND		0.977	-	ND		2.32	-	24.8		0.977	-	31.6		0.977	-	ND		0.977	-
Chloromethane	74-87-3														8.78		0.413	-	1.44		0.413	-	ND		0.983	-	ND		0.413	-	0.776		0.413	-	1.27		0.413	-
cis-1,2-Dichloroethene	156-59-2	0.2	6												ND		0.793	-	ND		0.793	-	ND		1.89	-	**304**		0.793	-	ND		0.793	-	ND		0.079	-
cis-1,3-Dichloropropene	10061-01-5														ND		0.908	-	ND		0.908	-	ND		2.16	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
Cyclohexane	110-82-7							2	60						13.7		0.688	-	ND		0.688	-	1.65		1.64	-	ND		0.688	-	1.64		0.688	-	ND		0.688	-
Dibromochloromethane	124-48-1														ND		1.7	-	ND		1.7	-	ND		4.06	-	ND		1.7	-	ND		1.7	-	ND		1.7	-
Dichlorodifluoromethane	75-71-8														2.76		0.989	-	2.46		0.989	-	ND		2.35	-	4.21		0.989	-	3.33		0.989	-	2.47		0.989	-
Ethanol	64-17-5														35		9.42	-	17.8		9.42	-	92.7		22.4	-	288		9.42	-	187		9.42	-	24.5		9.42	-
Ethyl Acetate	141-78-6														4.97		1.8	-	ND		1.8	-	17.8		4.29	-	2.81		1.8	-	2.16		1.8	-	ND		1.8	-
Ethylbenzene	100-41-4							2	60						7.12		0.869	-	ND		0.869	-	**405**		2.07	-	1.87		0.869	-	6.25		0.869	-	1.06		0.869	-
Freon-113	76-13-1														ND		1.53	-	ND		1.53	-	ND		3.65	-	ND		1.53	-	ND		1.53	-	ND		1.53	-
Freon-114	76-14-2														ND		1.4	-	ND		1.4	-	ND		3.33	-	ND		1.4	-	ND		1.4	-	ND		1.4	-
Heptane	142-82-5									6	200				14.8		0.82	-	ND		0.82	-	8.97		1.95	-	0.848		0.82	-	1.9		0.82	-	ND		0.82	-
Hexachlorobutadiene	87-68-3														ND		2.13	-	ND		2.13	-	ND		5.08	-	ND		2.13	-	ND		2.13	-	ND		2.13	-
Isopropanol	67-63-0														15.4		1.23	-	8.11		1.23	-	8.53		2.93	-	143		2.46	-	49.7		2.46	-	54.6		2.46	-
Methyl tert butyl ether	1634-04-4														ND		0.721	-	ND		0.721	-	ND		1.72	-	ND		0.721	-	ND		0.721	-	ND		0.721	-
Methylene chloride	75-09-2			3	100										ND		1.74	-	ND		1.74	-	ND		4.13	-	ND		1.74	-	ND		1.74	-	ND		1.74	-
n-Hexane	110-54-3									6	200				20.2		0.705	-	ND		0.705	-	7.12		1.68	-	0.973		0.705	-	2.19		0.705	-	0.737		0.705	-
Naphthalene	91-20-3							2	60																	ND		0.996	-	ND		0.996	-	ND		0.996	-
o-Xylene	95-47-6							2	60						9.43		0.869	-	ND		0.869	-	**337**		2.07	-	2.89		0.869	-	7.43		0.869	-	1.67		0.869	-
p/m-Xylene	179601-23-1									6	200				22.4		1.74	-	ND		1.74	-	**1240**		4.14	-	6.12		1.74	-	20.9		1.74	-	3.64		1.74	-
Styrene	100-42-5														0.988		0.852	-	ND		0.852	-	ND		2.03	-	ND		0.852	-	ND		0.852	-	ND		0.852	-
Tertiary butyl Alcohol	75-65-0														63.4		1.52	-	ND		1.52	-	ND		3.61	-	ND		1.52	-	1.64		1.52	-	ND		1.52	-
Tetrachloroethene	127-18-4			3	100										7.26		1.36	-	ND		1.36	-	8.07		3.23	-	**411**		1.36	-	60.4		1.36	-	ND		0.136	-
Tetrahydrofuran	109-99-9														5.93		1.47	-	ND		1.47	-	ND		3.51	-	ND		1.47	-	ND		1.47	-	5.01		1.47	-
Toluene	108-88-3											10	300		21.2		0.754	-	3.92		0.754	-	65.6		1.79	-	8.71		0.754	-	31.4		0.754	-	2.56		0.754	-
trans-1,2-Dichloroethene	156-60-5														ND		0.793	-	ND		0.793	-	ND		1.89	-	61.1		0.793	-	ND		0.793	-	ND		0.793	-
trans-1,3-Dichloropropene	10061-02-6														ND		0.908	-	ND		0.908	-	ND		2.16	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
Trichloroethene	79-01-6	0.2	6												ND		1.07	-	ND		1.07	-	ND		2.56	-	**404**		1.07	-	**16.9**		1.07	-	ND		0.107	-
Trichlorofluoromethane	75-69-4														2.47		1.12	-	1.36		1.12	-	ND		2.67	-	2.12		1.12	-	1.29		1.12	-	1.15		1.12	-
Vinyl bromide	593-60-2														ND		0.874	-	ND		0.874	-	ND		2.08	-	ND		0.874	-	ND		0.874	-	ND		0.874	-
Vinyl chloride	75-01-4					0.2	6								0.657		0.511	-	ND		0.511	-	ND		1.22	-	ND		0.511	-	ND		0.511	-	ND		0.051	-

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

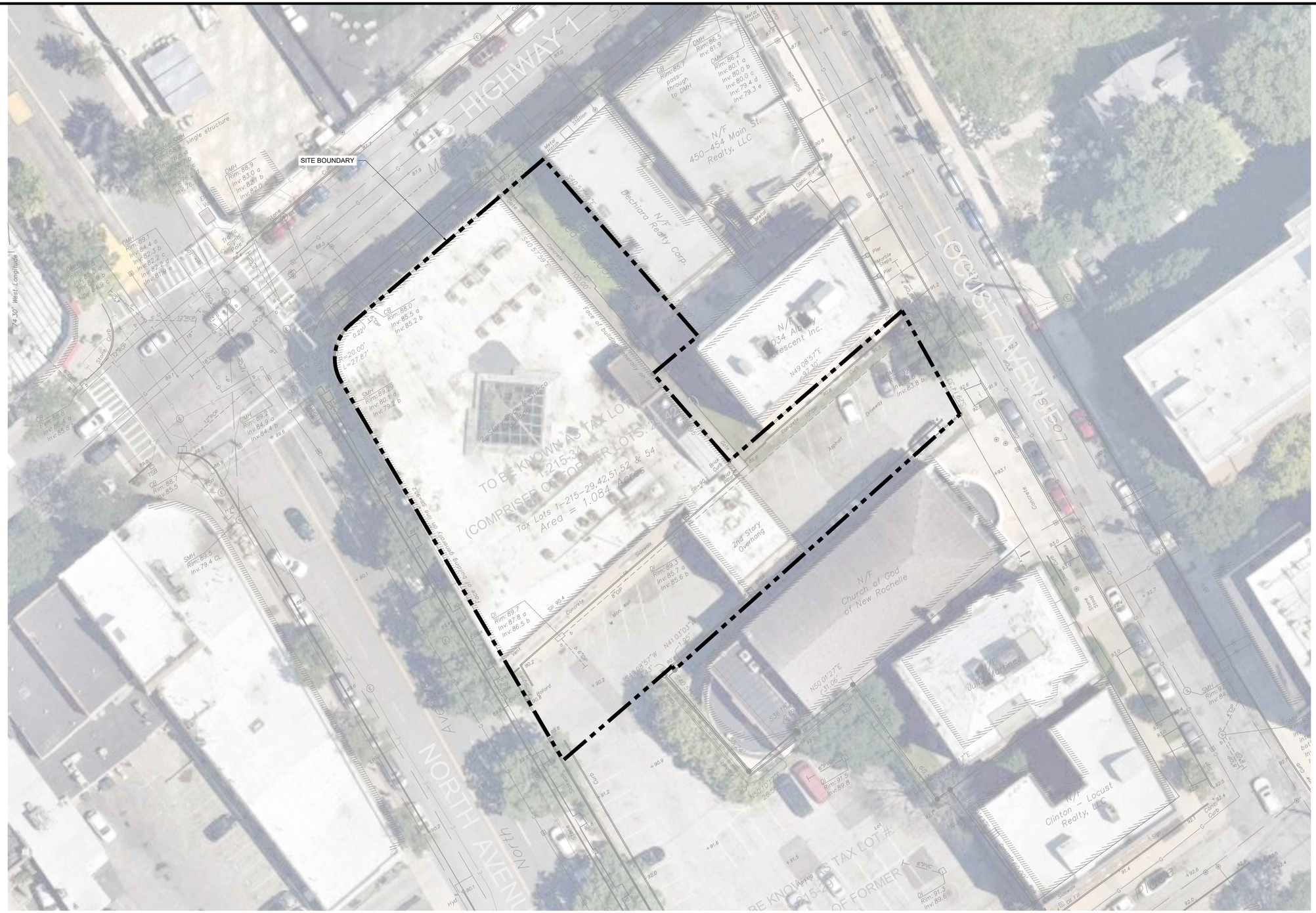
466 MAIN STREET
BLOCK 215, LOT ~~29, 34, 42~~ 32
NEW ROCHELLE, NY

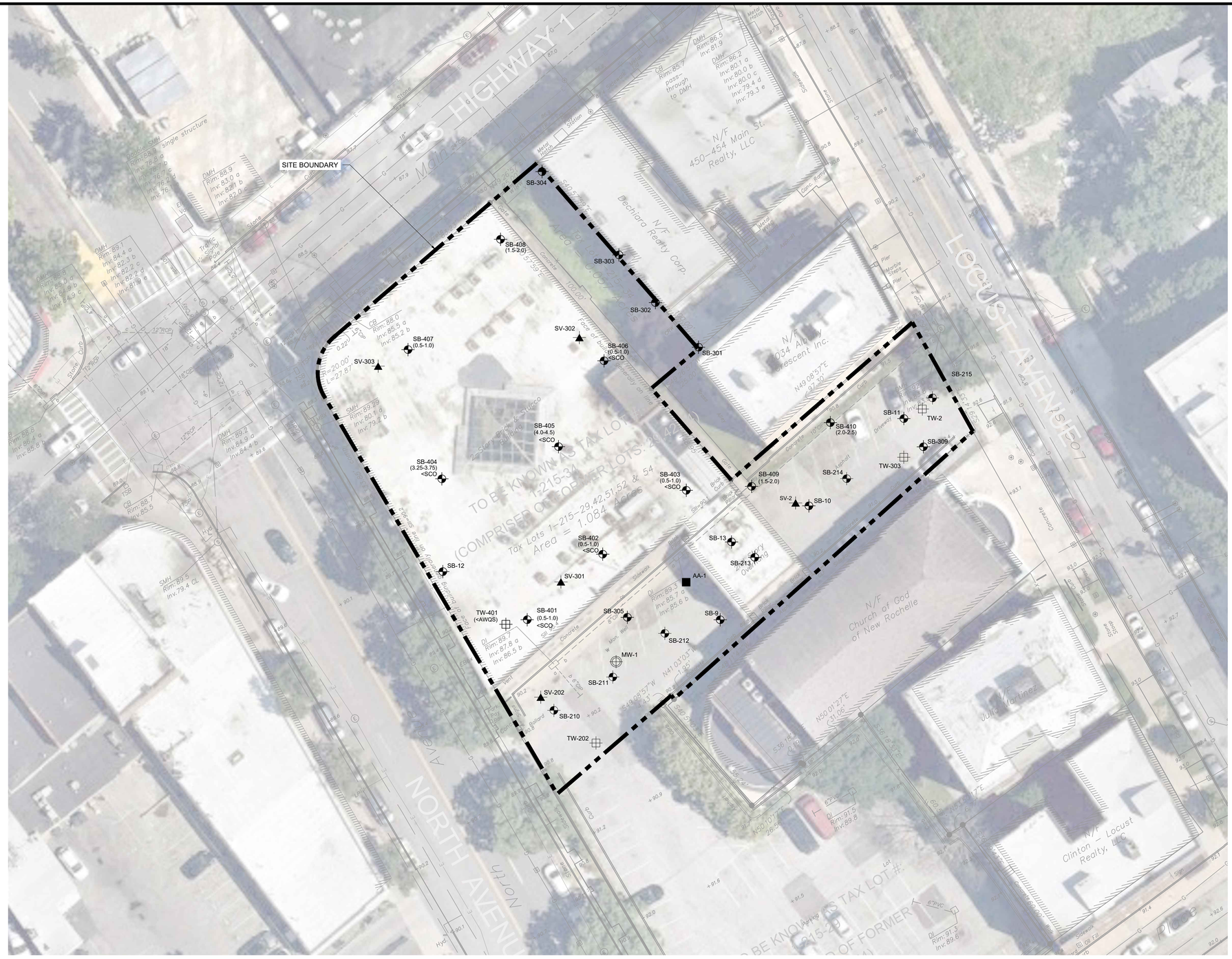
SITE LOCATION MAP

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:	3/27/2025
JOB NO:	12587

Y:\GIS\Project_Numbers\12587\APRX_PROJECT\APRX_Phase1_Prj_No.aprx, 3/27/2025 5:24 PM, Kim Vanderklein, LAYOUT: FIG-1.1


SITE BOUNDARY
N/F
Dechiara Realty Corp.
N/F
450-454 Main St.
Realty, LLC
N/F
1034 Albany
Crescent Inc.
N/F
Church of God
of New Rochelle
N/F
Julia Martinez
N/F
Clinton - Locust
Realty, LLC
TO BE KNOWN AS TAX LOT #
(COMPRISED OF FORMER LOTS: 29,42,51,52 & 54
Tax Lots 1-215-29,42,51,52 & 54
Area = 1.084 Acres
Main Street
HIGHWAY 1
Locust Avenue
North Avenue
2-Story Brick & Stucco Building
2nd Story Overhang
Concrete
Asphalt
Brick
Sidewalk
Driveway
Curb
Fence
Wall
Pier
Metal Fence
Wood Fence
Chain Link Fence
Stone Wall
Utility Pole
Guide Rail
Hydrant
Gate
Bollard
Tree
Shrub
Hedge
Grass
Gravel
Stone
Steps
Ramp
Flagpole
Flower Bed
Mailbox
Sign
Meter
Generator
Transformer
Air Conditioner
Trash Can
Bench
Fire Department Connection
Water Valve
Gas Valve
Gas Meter
Electric Meter
Cable TV Box
Telephone Box
Light Pole
Traffic Signal Pole
Traffic Signal Box
Traffic Signal Controller
Traffic Signal Pull Box
Traffic Signal Mast Arm
Traffic Signal Head
Traffic Signal Pedestal
Traffic Signal Loop
Traffic Signal Camera
Traffic Signal Detector
Traffic Signal Cabinet
Traffic Signal Conduit
Traffic Signal Wire
Traffic Signal Junction Box



LEGEND:

- SITE BOUNDARY
- SV-1 - SOIL VAPOR SAMPLE NO. AND APPROX. LOCATION
- AA-1 - AMBIENT AIR SAMPLE NO. AND APPROX. LOCATION
- MW-1 - GROUNDWATER WELL SAMPLE NO. AND APPROX. LOCATION
- TW-2 - TEMPORARY 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.

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS 2025
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

rev	date	description	by

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 3/28/2025

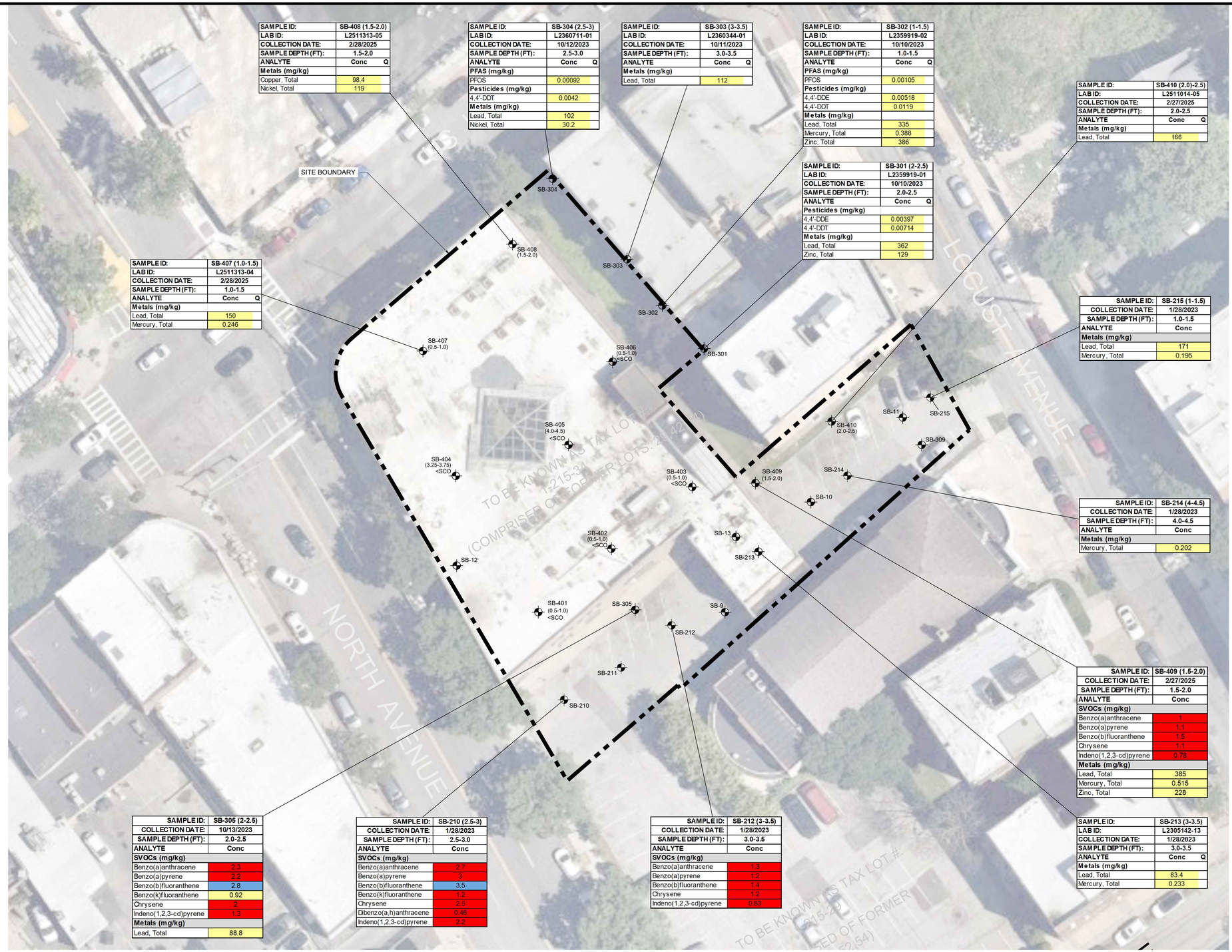
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

406 MAIN STREET
PHASE II ENVIRONMENTAL SITE ASSESSMENT
NEW ROCHELLE, NEW YORK

title: BORING LOCATION PLAN

job no. 12587
drawing no. FIG-2.1

N:\ACAD\12587\CAD\ENVIRONMENTAL\PHASE II\NORTH SECTION\12587DWG Ph II SITE ASSESSMENT.DWG 03/28/25 12:21:48PM, kirk.vondenken, LAYOUT:BORING PLAN



SAMPLE ID:	SB-408 (1.5-2.0)	
LAB ID:	L2511313-05	
COLLECTION DATE:	2/28/2025	
SAMPLE DEPTH (FT):	1.5-2.0	
ANALYTE	Conc	Q
Metals (mg/kg)		
Copper, Total	98.4	
Nickel, Total	119	

SAMPLE ID:	SB-304 (2.5-3)	
LAB ID:	L2360711-01	
COLLECTION DATE:	10/12/2023	
SAMPLE DEPTH (FT):	2.5-3.0	
ANALYTE	Conc	Q
PFAS (mg/kg)		
PFOS	0.00092	
Pesticides (mg/kg)		
4,4'-DDT	0.0042	
Metals (mg/kg)		
Lead, Total	102	
Nickel, Total	30.2	

SAMPLE ID:	SB-303 (3-3.5)	
LAB ID:	L2360344-01	
COLLECTION DATE:	10/11/2023	
SAMPLE DEPTH (FT):	3.0-3.5	
ANALYTE	Conc	Q
Metals (mg/kg)		
Lead, Total	112	

SAMPLE ID:	SB-302 (1-1.5)	
LAB ID:	L2359919-02	
COLLECTION DATE:	10/10/2023	
SAMPLE DEPTH (FT):	1.0-1.5	
ANALYTE	Conc	Q
PFAS (mg/kg)		
PFOS	0.00105	
Pesticides (mg/kg)		
4,4'-DDE	0.00518	
4,4'-DDT	0.0119	
Metals (mg/kg)		
Lead, Total	335	
Mercury, Total	0.388	
Zinc, Total	386	

SAMPLE ID:	SB-301 (2-2.5)	
LAB ID:	L2359919-01	
COLLECTION DATE:	10/10/2023	
SAMPLE DEPTH (FT):	2.0-2.5	
ANALYTE	Conc	Q
Pesticides (mg/kg)		
4,4'-DDE	0.00397	
4,4'-DDT	0.00714	
Metals (mg/kg)		
Lead, Total	362	
Zinc, Total	129	

SAMPLE ID:	SB-410 (2.0)-2.5)	
LAB ID:	L2511014-05	
COLLECTION DATE:	2/27/2025	
SAMPLE DEPTH (FT):	2.0-2.5	
ANALYTE	Conc	Q
Metals (mg/kg)		
Lead, Total	166	

SAMPLE ID:	SB-407 (1.0-1.5)	
LAB ID:	L2511313-04	
COLLECTION DATE:	2/28/2025	
SAMPLE DEPTH (FT):	1.0-1.5	
ANALYTE	Conc	Q
Metals (mg/kg)		
Lead, Total	150	
Mercury, Total	0.246	

SAMPLE ID:	SB-215 (1-1.5)
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	1.0-1.5
ANALYTE	Conc
Metals (mg/kg)	
Lead, Total	171
Mercury, Total	0.195

SAMPLE ID:	SB-214 (4-4.5)
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	4.0-4.5
ANALYTE	Conc
Metals (mg/kg)	
Mercury, Total	0.202

SAMPLE ID:	SB-409 (1.5-2.0)
COLLECTION DATE:	2/27/2025
SAMPLE DEPTH (FT):	1.5-2.0
ANALYTE	Conc
SVOCs (mg/kg)	
Benzo(a)anthracene	1
Benzo(a)pyrene	1.1
Benzo(b)fluoranthene	1.5
Chrysene	1.1
Indeno(1,2,3-cd)pyrene	0.78
Metals (mg/kg)	
Lead, Total	385
Mercury, Total	0.515
Zinc, Total	228

SAMPLE ID:	SB-305 (2-2.5)
COLLECTION DATE:	10/13/2023
SAMPLE DEPTH (FT):	2.0-2.5
ANALYTE	Conc
SVOCs (mg/kg)	
Benzo(a)anthracene	2.3
Benzo(a)pyrene	2.2
Benzo(b)fluoranthene	2.8
Benzo(k)fluoranthene	0.92
Chrysene	2
Indeno(1,2,3-cd)pyrene	1.3
Metals (mg/kg)	
Lead, Total	88.8

SAMPLE ID:	SB-210 (2.5-3)
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	2.5-3.0
ANALYTE	Conc
SVOCs (mg/kg)	
Benzo(a)anthracene	2.7
Benzo(a)pyrene	3
Benzo(b)fluoranthene	3.5
Benzo(k)fluoranthene	1.2
Chrysene	2.5
Dibenzo(a,h)anthracene	0.46
Indeno(1,2,3-cd)pyrene	2.2

SAMPLE ID:	SB-212 (3-3.5)
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	3.0-3.5
ANALYTE	Conc
SVOCs (mg/kg)	
Benzo(a)anthracene	1.3
Benzo(a)pyrene	1.2
Benzo(b)fluoranthene	1.4
Chrysene	1.2
Indeno(1,2,3-cd)pyrene	0.83

SAMPLE ID:	SB-213 (3-3.5)
LAB ID:	L2305142-13
COLLECTION DATE:	1/28/2023
SAMPLE DEPTH (FT):	3.0-3.5
ANALYTE	Conc Q
Metals (mg/kg)	
Lead, Total	83.4
Mercury, Total	0.233

Legend

ANALYTE	RSCO	RRSCO	USCO	PGSCO
PFAS (mg/kg)				
PFOS	0.044	0.0088	0.00088	NS
SVOCs (mg/kg)				
Benzo(a)anthracene	1	1	1	1
Benzo(a)pyrene	1	1	1	22
Benzo(b)fluoranthene	1	1	1	1.7
Benzo(k)fluoranthene	1	3.9	0.8	1.7
Chrysene	1	3.9	1	1
Dibenzo(a,h)anthracene	0.33	0.33	0.33	1000
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	8.2
Pesticides (mg/kg)				
4,4'-DDD	2.6	13	0.0033	14
4,4'-DDE	1.8	8.9	0.0033	17
4,4'-DDT	1.7	7.9	0.0033	136
Dieldrin	0.039	0.2	0.005	0.1
Metals (mg/kg)				
Barium, Total	350	400	350	820
Copper, Total	270	270	50	1720
Lead, Total	400	400	63	450
Mercury, Total	0.81	0.81	0.18	0.73
Nickel, Total	140	310	30	130
Zinc, Total	2200	10000	109	2480

Notes
SCO = Soil Cleanup Objective
RRSCO = Restricted Residential SCO
RSCO = Residential SCO
USCO = Unrestricted SCO
PGSCO = Protection of Groundwater SCO
Conc = Concentration
PFAS = Per- and poly-fluoroalkyl substances
PFOS = Perfluorooctane sulfonic acid

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.

Scale: 1"= 20'
0 10 20 40 60 80

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.
© SESI CONSULTING ENGINEERS 2025
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

rev	date	description	by

dwg by: APG
chk by: CM
scale: AS NOTED
date: 6/25/2025

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

466 MAIN STREET
PHASE II ENVIRONMENTAL ASSESSMENT
NEW ROCHELLE, NEW YORK

SOIL SAMPLE RESULTS PLAN

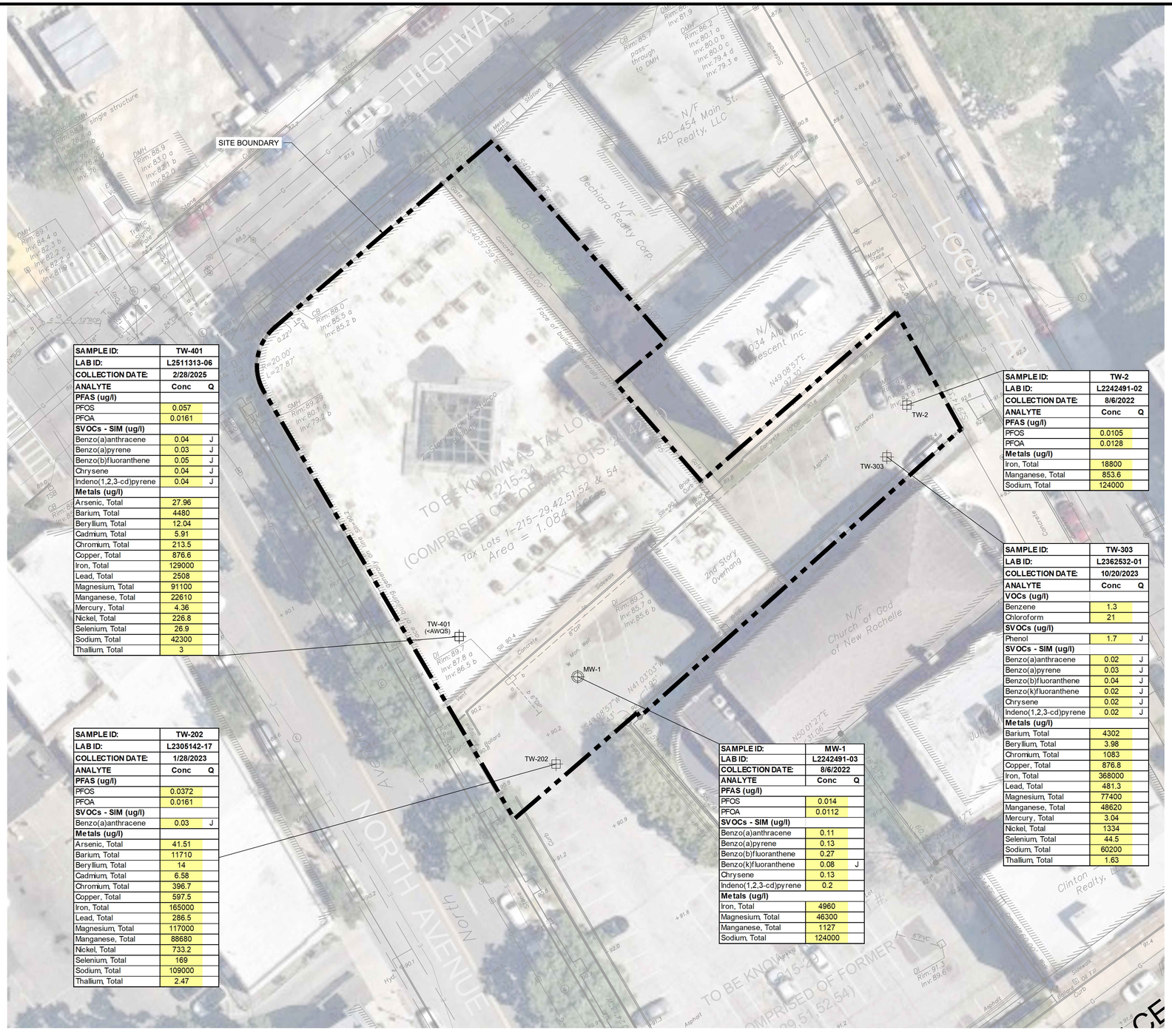
title:

job no. 12587
drawing no.

FIG-2.2

1 of 1

N:\ACAD\12587\CAD\ENVIRONMENTAL\PHASE II\NORTH SECTION\12587-FIG2.2-PH II SITE ASSESSMENT.DWG 06/25/25 02:48:12PM, dgn, LAYOUT:SOIL EXCEED_V2



SAMPLE ID:	TW-401	
LAB ID:	L2511313-06	
COLLECTION DATE:	2/28/2025	
ANALYTE	Conc	Q
PFAS (ug/l)		
PFOS	0.057	
PFOA	0.0161	
SVOCs - SIM (ug/l)		
Benzo(a)anthracene	0.04	J
Benzo(a)pyrene	0.03	J
Benzo(b)fluoranthene	0.05	J
Chrysene	0.04	J
Indeno(1,2,3-cd)pyrene	0.04	J
Metals (ug/l)		
Arsenic, Total	27.96	
Barium, Total	4480	
Beryllium, Total	12.04	
Cadmium, Total	5.91	
Chromium, Total	213.5	
Copper, Total	876.6	
Iron, Total	129000	
Lead, Total	2508	
Magnesium, Total	91100	
Manganese, Total	22610	
Mercury, Total	4.36	
Nickel, Total	226.8	
Selenium, Total	26.9	
Sodium, Total	42300	
Thallium, Total	3	

SAMPLE ID:	TW-202	
LAB ID:	L2305142-17	
COLLECTION DATE:	1/28/2023	
ANALYTE	Conc	Q
PFAS (ug/l)		
PFOS	0.0372	
PFOA	0.0161	
SVOCs - SIM (ug/l)		
Benzo(a)anthracene	0.03	J
Metals (ug/l)		
Arsenic, Total	41.51	
Barium, Total	11710	
Beryllium, Total	14	
Cadmium, Total	6.58	
Chromium, Total	396.7	
Copper, Total	597.5	
Iron, Total	165000	
Lead, Total	286.5	
Magnesium, Total	117000	
Manganese, Total	88680	
Nickel, Total	733.2	
Selenium, Total	169	
Sodium, Total	109000	
Thallium, Total	2.47	

SAMPLE ID:	MW-1	
LAB ID:	L2242491-03	
COLLECTION DATE:	8/6/2022	
ANALYTE	Conc	Q
PFAS (ug/l)		
PFOS	0.014	
PFOA	0.0112	
SVOCs - SIM (ug/l)		
Benzo(a)anthracene	0.11	
Benzo(a)pyrene	0.13	
Benzo(b)fluoranthene	0.27	
Benzo(k)fluoranthene	0.08	J
Chrysene	0.13	
Indeno(1,2,3-cd)pyrene	0.2	
Metals (ug/l)		
Iron, Total	4960	
Magnesium, Total	46300	
Manganese, Total	1127	
Sodium, Total	124000	

SAMPLE ID:	TW-2	
LAB ID:	L2242491-02	
COLLECTION DATE:	8/6/2022	
ANALYTE	Conc	Q
PFAS (ug/l)		
PFOS	0.0105	
PFOA	0.0128	
Metals (ug/l)		
Iron, Total	18800	
Manganese, Total	853.6	
Sodium, Total	124000	

SAMPLE ID:	TW-303	
LAB ID:	L2362532-01	
COLLECTION DATE:	10/20/2023	
ANALYTE	Conc	Q
VOCs (ug/l)		
Benzene	1.3	
Chloroform	21	
SVOCs (ug/l)		
Phenol	1.7	J
SVOCs - SIM (ug/l)		
Benzo(a)anthracene	0.02	J
Benzo(a)pyrene	0.03	J
Benzo(b)fluoranthene	0.04	J
Benzo(k)fluoranthene	0.02	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.02	J
Metals (ug/l)		
Barium, Total	4302	
Beryllium, Total	3.98	
Chromium, Total	1083	
Copper, Total	876.8	
Iron, Total	368000	
Lead, Total	481.3	
Magnesium, Total	77400	
Manganese, Total	48620	
Mercury, Total	3.04	
Nickel, Total	1334	
Selenium, Total	44.5	
Sodium, Total	60200	
Thallium, Total	1.63	

ANALYTE	NY-AWQS
VOCs (ug/l)	
Benzene	1
Chloroform	7
PFAS (ug/l)	
PFOS	0.0027
PFOA	0.0067
SVOCs (ug/l)	
Phenol	1
SVOCs - SIM (ug/l)	
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
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
Mercury, Total	0.7
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
- MW-1 - GROUNDWATER WELL SAMPLE NO. AND APPROX. LOCATION
- TW-2 - TEMPORARY WELL 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.

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS 2025
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

rev	date	description	by

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 3/28/2025

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

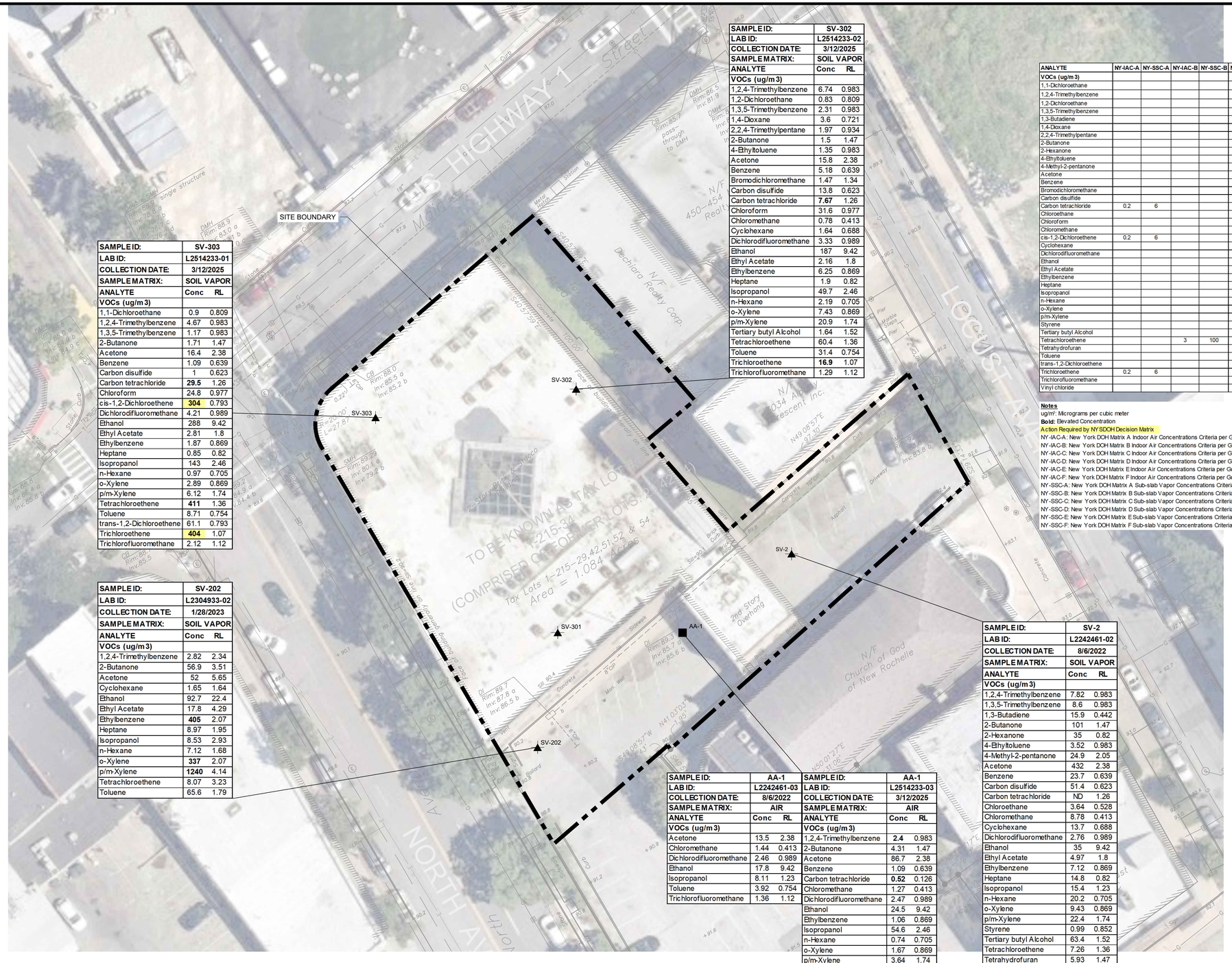
406 MAIN STREET
PHASE II ENVIRONMENTAL SITE ASSESSMENT
NEW ROCHELLE, NEW YORK

title: GROUNDWATER SAMPLE RESULTS PLAN

job no. 12587
drawing no. FIG-2.3

1 of 1

N:\CAD\12587\CAD\ENVIRONMENTAL\PHASE II\WORK SECTION\12587PHASEII SITE ASSESSMENT.DWG 04/01/25 11:16:18AM kim.vanderkam, LAYOUT:FIG 2 - GW EXCEED



SAMPLE ID:	SV-303	
LAB ID:	L2514233-01	
COLLECTION DATE:	3/12/2025	
SAMPLE MATRIX:	SOIL VAPOR	
ANALYTE	Conc	RL
VOCs (ug/m3)		
1,1-Dichloroethane	0.9	0.809
1,2,4-Trimethylbenzene	4.67	0.983
1,3,5-Trimethylbenzene	1.17	0.983
2-Butanone	1.71	1.47
Acetone	16.4	2.38
Benzene	1.09	0.639
Carbon disulfide	1	0.623
Carbon tetrachloride	**29.5**	1.26
Chloroform	24.8	0.977
cis-1,2-Dichloroethene	**304**	0.793
Dichlorodifluoromethane	4.21	0.989
Ethanol	288	9.42
Ethyl Acetate	2.81	1.8
Ethylbenzene	1.87	0.869
Heptane	0.85	0.82
Isopropanol	143	2.46
n-Hexane	0.97	0.705
o-Xylene	2.89	0.869
p/m-Xylene	6.12	1.74
Tetrachloroethene	**411**	1.36
Toluene	8.71	0.754
trans-1,2-Dichloroethene	61.1	0.793
Trichloroethene	**404**	1.07
Trichlorofluoromethane	2.12	1.12

SAMPLE ID:	SV-202	
LAB ID:	L2304933-02	
COLLECTION DATE:	1/28/2023	
SAMPLE MATRIX:	SOIL VAPOR	
ANALYTE	Conc	RL
VOCs (ug/m3)		
1,2,4-Trimethylbenzene	2.82	2.34
2-Butanone	56.9	3.51
Acetone	52	5.65
Cyclohexane	1.65	1.64
Ethanol	92.7	22.4
Ethyl Acetate	17.8	4.29
Ethylbenzene	**405**	2.07
Heptane	8.97	1.95
Isopropanol	8.53	2.93
n-Hexane	7.12	1.68
o-Xylene	**337**	2.07
p/m-Xylene	**1240**	4.14
Tetrachloroethene	8.07	3.23
Toluene	65.6	1.79

SAMPLE ID:	SV-302	
LAB ID:	L2514233-02	
COLLECTION DATE:	3/12/2025	
SAMPLE MATRIX:	SOIL VAPOR	
ANALYTE	Conc	RL
VOCs (ug/m3)		
1,2,4-Trimethylbenzene	6.74	0.983
1,2-Dichloroethane	0.83	0.809
1,3,5-Trimethylbenzene	2.31	0.983
1,4-Dioxane	3.6	0.721
2,2,4-Trimethylpentane	1.97	0.934
2-Butanone	1.5	1.47
4-Ethyltoluene	1.35	0.983
Acetone	15.8	2.38
Benzene	5.18	0.639
Bromodichloromethane	1.47	1.34
Carbon disulfide	13.8	0.623
Carbon tetrachloride	**7.67**	1.26
Chloroform	31.6	0.977
Chloromethane	0.78	0.413
Cyclohexane	1.64	0.688
Dichlorodifluoromethane	3.33	0.989
Ethanol	187	9.42
Ethyl Acetate	2.16	1.8
Ethylbenzene	6.25	0.869
Heptane	1.9	0.82
Isopropanol	49.7	2.46
n-Hexane	2.19	0.705
o-Xylene	7.43	0.869
p/m-Xylene	20.9	1.74
Tertiary butyl Alcohol	1.64	1.52
Tetrachloroethene	60.4	1.36
Toluene	31.4	0.754
Trichloroethene	**16.9**	1.07
Trichlorofluoromethane	1.29	1.12

SAMPLE ID:	AA-1		SAMPLE ID:	AA-1	
LAB ID:	L2242461-03		LAB ID:	L2514233-03	
COLLECTION DATE:	8/6/2022		COLLECTION DATE:	3/12/2025	
SAMPLE MATRIX:	AIR		SAMPLE MATRIX:	AIR	
ANALYTE	Conc	RL	ANALYTE	Conc	RL
VOCs (ug/m3)			VOCs (ug/m3)		
Acetone	13.5	2.38	1,2,4-Trimethylbenzene	**2.4**	0.983
Chloromethane	1.44	0.413	2-Butanone	4.31	1.47
Dichlorodifluoromethane	2.46	0.989	Acetone	86.7	2.38
Ethanol	17.8	9.42	Benzene	1.09	0.639
Isopropanol	8.11	1.23	Carbon tetrachloride	**0.52**	0.126
Toluene	3.92	0.754	Chloromethane	1.27	0.413
Trichlorofluoromethane	1.36	1.12	Dichlorodifluoromethane	2.47	0.989
			Ethanol	24.5	9.42
			Ethylbenzene	1.06	0.869
			Isopropanol	54.6	2.46
			n-Hexane	0.74	0.705
			o-Xylene	1.67	0.869
			p/m-Xylene	3.64	1.74
			Tetrahydrofuran	5.01	1.47
			Toluene	2.56	0.754
			Trichlorofluoromethane	1.15	1.12

SAMPLE ID:	SV-2	
LAB ID:	L2242461-02	
COLLECTION DATE:	8/6/2022	
SAMPLE MATRIX:	SOIL VAPOR	
ANALYTE	Conc	RL
VOCs (ug/m3)		
1,2,4-Trimethylbenzene	7.82	0.983
1,3,5-Trimethylbenzene	8.6	0.983
1,3-Butadiene	15.9	0.442
2-Butanone	101	1.47
2-Hexanone	35	0.82
4-Ethyltoluene	3.52	0.983
4-Methyl-2-pentanone	24.9	2.05
Acetone	432	2.38
Benzene	23.7	0.639
Carbon disulfide	51.4	0.623
Carbon tetrachloride	ND	1.26
Chloroethane	3.64	0.528
Chloromethane	8.78	0.413
Cyclohexane	13.7	0.688
Dichlorodifluoromethane	2.76	0.989
Ethanol	35	9.42
Ethyl Acetate	4.97	1.8
Ethylbenzene	7.12	0.869
Heptane	14.8	0.82
Isopropanol	15.4	1.23
n-Hexane	20.2	0.705
o-Xylene	9.43	0.869
p/m-Xylene	22.4	1.74
Styrene	0.99	0.852
Tertiary butyl Alcohol	63.4	1.52
Tetrachloroethene	7.26	1.36
Tetrahydrofuran	5.93	1.47
Toluene	21.2	0.754
Trichlorofluoromethane	2.47	1.12
Vinyl chloride	0.66	0.511

ANALYTE	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
VOCs (ug/m3)												
1,1-Dichloroethane												
1,2,4-Trimethylbenzene							2	60				
1,2-Dichloroethane												
1,3,5-Trimethylbenzene							2	60				
1,3-Butadiene												
1,4-Dioxane												
2,2,4-Trimethylpentane							2	60				
2-Butanone												
2-Hexanone												
4-Ethyltoluene												
4-Methyl-2-pentanone												
Acetone												
Benzene							2	60				
Bromodichloromethane												
Carbon disulfide												
Carbon tetrachloride	0.2	6										
Chloroethane												
Chloroform												
Chloromethane												
cis-1,2-Dichloroethene	0.2	6										
Cyclohexane							2	60				
Dichlorodifluoromethane												
Ethanol												
Ethyl Acetate												
Ethylbenzene							2	60				
Heptane									6	200		
Isopropanol												
n-Hexane									6	200		
o-Xylene							2	60				
p/m-Xylene									6	200		
Styrene												
Tertiary butyl Alcohol												
Tetrachloroethene			3	100								
Tetrahydrofuran												
Toluene											10	300
trans-1,2-Dichloroethene												
Trichloroethene	0.2	6										
Trichlorofluoromethane												
Vinyl chloride					0.2	6						

Notes

ug/m³: 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.

LEGEND:

- SITE BOUNDARY
- SV-1 - SOIL VAPOR SAMPLE NO. AND APPROX. LOCATION
- AA-1 - AMBIENT AIR 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.

NYS Education Law:
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS 2025
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

N:\VCAD\12587\CAD\ENVIRONMENTAL\PHASE II\NORTH SECTION\12587SWCPH II SITE ASSESSMENT.DWG 04/07/25 11:16:50AM tom.vanderbeek, LAYOUT=Fig 2.4 - SV EXCED

rev	date	description	by

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 3/28/2025

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

466 MAIN STREET
ENVIRONMENTAL SITE ASSESSMENT
PHASE II
NEW ROCHELLE, NEW YORK

SOIL VAPOR RESULTS PLAN

title:

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

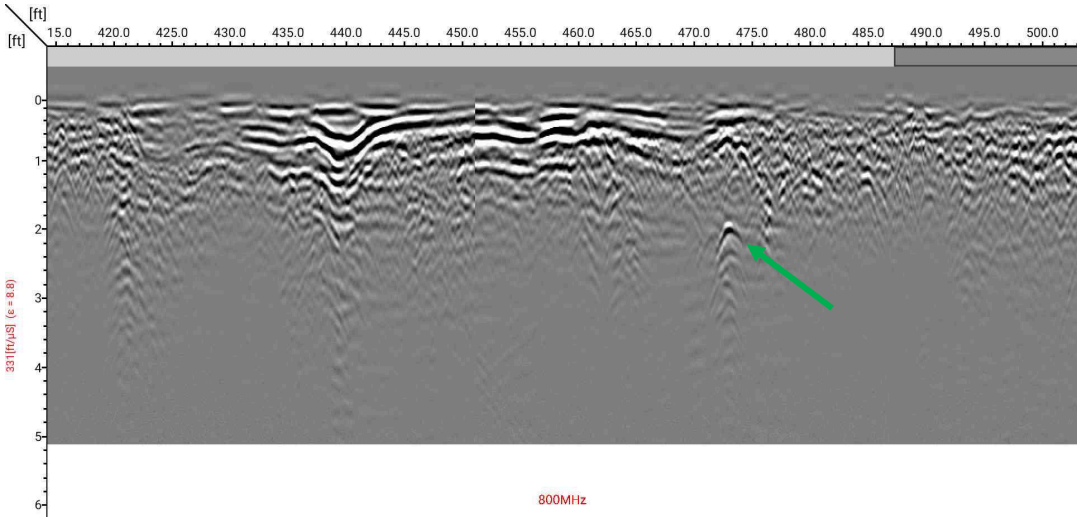


Photo 1 and GPR Screenshot 1 – Photo of one of the proposed soil borings located in the parking lot. The drain line detected within the area was identified in the above photo and GPR screenshot and marked in green in the field. The traceable rodder was utilized within this drainage structure to determine 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-9**
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 CM SAND trace historic fill	0
							0
							0
							0
5	36	1					0
						5-5.5 Historic fill with Brown CM SAND	0
						5.5-6.5 Dark brown CM clayey SAND trace gravel	0
					SB-8 (8-8.5)		0
						6.5-10 Brown CM Silty SAND	0
10	48	2					0
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-10**
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 and brick	0
			0.5	1		Brown MF Silty SAND trace historic fill	0
							0
							0
							0
5	48	1			SB-10 (4-4.5)		0
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-11**
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)	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 and brick	0
			0.5	1		0.5-1 Brown MF Clayey SAND	0
						1-3.5 Brown CM SAND trace rock	0
							0
							0
5	54	1				3.5-5 Brown MF SAND	0
						5-6.5 brown MF SAND	0
					SB-11 (7-7.5)	6.5-10 Brown MF Silty SAND	0
							0
							0
10	54	2					0
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-12**
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	SB-12 (0.5-1)	0-0.5 Asphalt trace gravel	0
			0.5	1		0.5-1 Gray/brown CM SAND	0
	12	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-13**
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 trace gravel	0
			0.5	1		0.5-1 Gray CF SAND	0
	12	1			SB-13 (1-1.5)	1-2 Brown MF SAND	0
	12	2					
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-210**
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		Fill: Brown-black c-f SAND, little Silt	0
						Fill: Brick and concrete, trace Sand	0
					SB-210 (2.5-3)		0
							0
5	40	1					0
						Fill: Brick and concrete	0
							0
							0
							0
10	32	2					0
						Refusal, End of Boring at 9.5' ±	
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-211**
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: Black-brown c-f GRAVEL, some c-f SAND, trace Silt with asphalt and concrete	0
							0
							0
					SB-211 (3.5-4)	Fill: Brown c-f SAND, trace Gravel, trave Silt	0
5	30	1				Fill: Red-brown c-f GRAVEL, trace Sand, trace Silt with brick and concrete fragments	0
							0
							0
							0
							0
10	12	2					0
						End of Boring at 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-212**
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)	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 Fill: Dark gray c-f GRAVEL, little c-f SAND, trace Silt with asphalt	0
							0
						Fill: Brown c-f SAND, little Silt, trace Gravel	0
					SB-212 (3-3.5)		0
5	30	1				Fill: Brick and concrete	0
							0
							0
	20	2					0
						Refusal, End of Boring at 8' ±	0
10							0
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-213**
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)	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		Fill: Brick and concrete with red-brown sand	0
						Fill: Dark brown c-f SAND and c-f GRAVEL, trace Silt	0
						Fill: Brown-black c-f SAND, little c-f Gravel, trace Silt with brick fragments	0
					SB-213 (3-3.5)		0
5	40	1					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

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-214**
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)	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		0.5-3 Fill: Crushed rock and asphalt	0
							0
							0
						Fill: Brown c-f SAND, some c-f Gravel, trace Silt with brick and concrete fragments	0
5	40	1			SB-214 (4-4.5)		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

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-215**
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)	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		Fill: Crushed rock	0
					SB-215 (1-1.5)	Brown c-f SAND, little Silt, trace Gravel with rock fragments	0
							0
							0
5	30	1					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

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-309**
LOCATION:	New Rochelle	JOB NO.	12587
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Diamond drilling	DATE STARTED: 10/19/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: RR	DATE COMPLETED: 10/19/2023	0 Hr. / 24 Hr.	Date 10/19/23

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	17	1				(1-3) fill: Light Brown -Br F SAND, Trace F gravel, little silt, trace clay. NO,NS,moist.	0
			1			(3-5) Fill: Brown F SAND, Little C-F gravel, Little silt, Trace clay. NO,NS,Moist.	0
				3	SB-309 (3-3.5)	(5-7) Brown M-F SAND, some M-F Gravel, Trace silt. NS,NO, MOIST.	0
	24	2	3				0
				5			0
4	12	3	5				0
				7		(7-9) Brown F SAND, Little F gravel, little SILT, trace clay. NO, NS, moist.	0
	21	4	7				0
				9		(9-10) Brown M-F SAND, Little F gravel, little silt, Trace clay. NO, NS, moist. higher clay content.	0
	17	5	9				0
10				10		End of boring 10' refusal not reached, geotech boring continued	0
							0
							0
							0
							0
15							0
							0
							0
							0
							0
20							0
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
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-401

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-28-2025 **COMPLETED** 02-28-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 1.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Rec. (in)	Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	PID (ppm)	Remarks
		Fill: Tan coarse to fine SAND, some coarse to fine Gravel, trace Silt				1	Wet			0.0	
		Fill: Black coarse to fine SAND, some coarse to fine Gravel, trace Silt, natural color						SB-401 (.5-1)		0.3	
		BOREHOLE COMPLETED AT 1± FEET DUE TO REFUSAL									
	-5		5								
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-402

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-28-2025 **COMPLETED** 02-28-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 3.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	PID (ppm)	Remarks
		Fill: Dark brown coarse to fine SAND, some medium to fine Gravel, with Brick					Moist			0.0	
		Brown medium to fine SAND, some Silt, trace medium to fine Gravel, with mottling		1		21	Moist			0.0	
										0.0	
		BOREHOLE COMPLETED AT 3± FEET DUE TO REFUSAL									Refusal (rock)
	-5		5								
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-403

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-28-2025 **COMPLETED** 02-28-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 6.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	PID (ppm)	Remarks
		Dark gray/tan medium to fine SAND, some Silt, coarse to fine Gravel, with Cobbles		1		25	Moist	SB-402 (0.5-1) SB-403 (1-1.5)		0.0	
										0.0	
		...Same as above					Wet			0.0	
				2		36	Wet			0.0	
	-5		5							0.0	
										0.0	
		BOREHOLE COMPLETED AT 6± FEET DUE TO REFUSAL									
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-404

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-28-2025 **COMPLETED** 02-28-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 4.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Moisture	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Fill: Black coarse to fine SAND, medium to fine Gravel, trace Silt								0.0	
		Fill: Brown medium to fine SAND, some Silt, trace medium to fine Gravel, with Cobbles, Brick		1		24				0.0	
										0.0	
		...Same as above									
		Fill: Gray medium to fine SAND, some Silt		2		12		SB-404 (3.25-3.75)		0.0	
		...Same as above									
		BOREHOLE COMPLETED AT 4± FEET DUE TO REFUSAL									
	-5		5								
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-405

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-27-2025 **COMPLETED** 02-27-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 6.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Moisture	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Gray-brown medium to fine SAND, some Silt, with Rock		1		14				0.0 0.0 0.0	
		...Same as above		2		20		SB-405 (4-4.5)		0.0 0.0 0.0	
	-5		5								
		BOREHOLE COMPLETED AT 6± FEET DUE TO REFUSAL									
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-406

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-27-2025 **COMPLETED** 02-27-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 5.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Moisture	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Black coarse to fine SAND, some coarse to fine Gravel, trace Silt								0.0	
		Gray-brown medium to fine SAND, some Silt, with Cobbles						SB-406 (0.5-1)			
		Black coarse to fine SAND, some coarse to fine Gravel, trace Silt		1		25				0.0	
		Gray/brown medium to fine SAND, some Silt, with Cobbles								0.0	
		...Same as above		2		16				0.0	
	-5	BOREHOLE COMPLETED AT 5± FEET DUE TO REFUSAL	5								
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-407

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-28-2025 **COMPLETED** 02-28-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 2.5± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	PID (ppm)	Remarks
		Fill: Black coarse to fine SAND, some medium to fine Gravel, trace Silt								0.0	
		Fill: Gray/brown medium to fine SAND, little Silt, little coarse to fine Gravel, with Brick		1			Moist	SB-407 (1-1.5)		0.0	
		Fill: Brown medium to fine SAND, some Silt, little medium to fine Gravel, with Brick					Moist				
		BOREHOLE COMPLETED AT 2.5± FEET DUE TO REFUSAL									
	-5		5								
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-408

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-28-2025 **COMPLETED** 02-28-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 2.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Moisture	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Brown medium to fine SAND, some Silt, medium to fine Gravel									
		Fill: Coarse to fine GRAVEL, little medium to fine Sand, with Brick		1		17	Moist			0.0	
		Fill: Gray medium to fine SAND, some Silt, some medium to fine Gravel						SB-408 (1.5-2)		1.3	Slight petroleum odor
		Fill: Black coarse to fine SAND, some Silt, trace medium to fine Gravel									Slight petroleum odor
		BOREHOLE COMPLETED AT 2± FEET DUE TO REFUSAL									
	-5		5								
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-409

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-27-2025 **COMPLETED** 02-27-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 8.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Rec. (in)	Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	PID (ppm)	Remarks
		6" Asphalt									
		Fill: Brown coarse to fine SAND, some Silt, trace fine Gravel								0.0	
		Fill: Gray coarse to fine SAND. little Silt, and coarse to fine Gravel		1		27		SB-409 (1.5-2)		0.0	
		Light brown medium to fine SAND, some Silt								0.0	
		...Same as above								0.0	
		Gray medium to fine SAND, some Silt, with mottling								0.0	
	-5	Gray/brown coarse to fine SAND, little Silt, trace medium to fine Gravel	5	2		33				0.0	
		...Same as above								0.0	
				3		24				0.0	
		BOREHOLE COMPLETED AT 8± FEET DUE TO REFUSAL									
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-410

PROJECT NAME 466 Main Street Redevelopment
PROJECT NO. 12587
DATE STARTED 02-27-2025 **COMPLETED** 02-27-2025
DRILLING CONTRACTOR Coastal
SAMPLER Direct Push
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY J. Siper **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION 466 Main Street, New Rochelle, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 6.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Rec. (in)	Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	PID (ppm)	Remarks
		6" Asphalt									
		Fill: Gray/brown medium to fine SAND, some Silt		1		20				0.0	
		Fill: Gray/brown medium to fine SAND, some Silt, with Brick					Wet	SB-410 (2-2.5)		0.0	
		Gray coarse to fine GRAVEL, and brown coarse to fine SAND, little Silt		2		26				0.0	
	-5	Tan medium to fine SAND, some Silt, with reddish Sand								0.0	
		Brown medium to fine SAND, some Silt, with reddish brown medium to fine Gravel, with Cobbles	5							0.0	
		BOREHOLE COMPLETED AT 6± FEET DUE TO REFUSAL									
	-10		10								
	-15		15								
	-20		20								
	-25		25								
	-30		30								

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 **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						
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
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					
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
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								
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

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								
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
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								

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

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

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

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
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

Project Number: 12587

Lab Number: L2242456

Report Date: 08/28/22

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
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 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

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: 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

Project Name:	466 MAIN ST.	**Lab Number:**	L2304933
Project Number:	12587	**Report Date:**	02/03/23

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. 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:**	L2304933
Project Number:	12587	**Report Date:**	02/03/23

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

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								
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

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

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

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
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

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

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.
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): 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

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): 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

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
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

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
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

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(*)
L2305142-17D	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

Project Name: 466 MAIN ST.
Project Number: 12587

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

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2305142
Report Date: 02/17/23

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:**	L2305142
Project Number:	12587	**Report Date:**	02/17/23

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:**	L2305142
Project Number:	12587	**Report Date:**	02/17/23

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:**	L2305142
Project Number:	12587	**Report Date:**	02/17/23

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:**	L2305142
Project Number:	12587	**Report Date:**	02/17/23

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 624/624.1: 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 FedEx)	1/28/23 1630
MSMA (via FedEx)	1/29/23 1810	MSMA (via FedEx)	1/30/23 1703
MSMA (via FedEx)	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
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: 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 1616	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)

Alpha Analytical, Inc.
Facility: Service Centers
Department: Courier
Title: Mobile Freezer Temperature Log

ID: 31473
Revision: 2
Published Date:
Page 1 of 1

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 1315	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

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:	L2359919
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: L2359919
Report Date: 11/02/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2359919-01	SB-301 (2-2.5)	SOIL	NEW ROCHELLE, NY	10/10/23 09:30	10/10/23
L2359919-02	SB-302 (1-1.5)	SOIL	NEW ROCHELLE, NY	10/10/23 15:30	10/10/23

Project Name:	466 MAIN ST.	**Lab Number:**	L2359919
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. **Lab Number:** L2359919
Project Number: 12587 **Report Date:** 11/02/23

Case Narrative (continued)

Report Submission

November 02, 2023: This final report includes the results of all requested analyses.

October 17, 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

WG1838372: An MS/MSD was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

Total Metals

L2359919-01 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.

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. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01
Client ID: SB-301 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 09:30
Date Received: 10/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/16/23 12:14
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	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	0.31	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	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	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	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01 Date Collected: 10/10/23 09:30

Client ID: SB-301 (2-2.5) Date Received: 10/10/23

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	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	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	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	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	3.4	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	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01 Date Collected: 10/10/23 09:30

Client ID: SB-301 (2-2.5) Date Received: 10/10/23

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	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	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	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	2.66	J	ug/kg			1
Unknown	2.66	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02
Client ID: SB-302 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 15:30
Date Received: 10/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/16/23 12:40
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02 Date Collected: 10/10/23 15:30

Client ID: SB-302 (1-1.5) Date Received: 10/10/23

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	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.91	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02 Date Collected: 10/10/23 15:30

Client ID: SB-302 (1-1.5) Date Received: 10/10/23

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	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1
Tentatively Identified Compounds						
Total TIC Compounds	2.99	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	2.99	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/23 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1840323-5					
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: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/23 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1840323-5					
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: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/23 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1840323-5					
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	2.44	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	2.44	NJ	ug/kg

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/23 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1840323-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	88		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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): 01-02 Batch: WG1840323-3 WG1840323-4								
Methylene chloride	80		79		70-130	1		30
1,1-Dichloroethane	94		96		70-130	2		30
Chloroform	81		80		70-130	1		30
Carbon tetrachloride	84		84		70-130	0		30
1,2-Dichloropropane	101		102		70-130	1		30
Dibromochloromethane	92		94		70-130	2		30
1,1,2-Trichloroethane	87		87		70-130	0		30
Tetrachloroethene	94		96		70-130	2		30
Chlorobenzene	94		95		70-130	1		30
Trichlorofluoromethane	**64**	Q	**60**	Q	70-139	6		30
1,2-Dichloroethane	90		91		70-130	1		30
1,1,1-Trichloroethane	82		83		70-130	1		30
Bromodichloromethane	81		82		70-130	1		30
trans-1,3-Dichloropropene	90		91		70-130	1		30
cis-1,3-Dichloropropene	88		89		70-130	1		30
1,1-Dichloropropene	89		89		70-130	0		30
Bromoform	82		85		70-130	4		30
1,1,2,2-Tetrachloroethane	87		86		70-130	1		30
Benzene	88		89		70-130	1		30
Toluene	90		92		70-130	2		30
Ethylbenzene	91		92		70-130	1		30
Chloromethane	101		99		52-130	2		30
Bromomethane	66		65		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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): 01-02 Batch: WG1840323-3 WG1840323-4								
Vinyl chloride	86		69		67-130	22		30
Chloroethane	77		68		50-151	12		30
1,1-Dichloroethene	80		80		65-135	0		30
trans-1,2-Dichloroethene	83		83		70-130	0		30
Trichloroethene	88		89		70-130	1		30
1,2-Dichlorobenzene	96		97		70-130	1		30
1,3-Dichlorobenzene	96		98		70-130	2		30
1,4-Dichlorobenzene	94		97		70-130	3		30
Methyl tert butyl ether	79		78		66-130	1		30
p/m-Xylene	96		97		70-130	1		30
o-Xylene	94		96		70-130	2		30
cis-1,2-Dichloroethene	85		85		70-130	0		30
Dibromomethane	81		82		70-130	1		30
Styrene	92		92		70-130	0		30
Dichlorodifluoromethane	58		58		30-146	0		30
Acetone	85		82		54-140	4		30
Carbon disulfide	79		79		59-130	0		30
2-Butanone	106		103		70-130	3		30
Vinyl acetate	106		101		70-130	5		30
4-Methyl-2-pentanone	103		101		70-130	2		30
1,2,3-Trichloropropane	87		88		68-130	1		30
2-Hexanone	103		98		70-130	5		30
Bromochloromethane	89		90		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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): 01-02 Batch: WG1840323-3 WG1840323-4								
2,2-Dichloropropane	82		82		70-130	0		30
1,2-Dibromoethane	93		95		70-130	2		30
1,3-Dichloropropane	92		93		69-130	1		30
1,1,1,2-Tetrachloroethane	94		95		70-130	1		30
Bromobenzene	92		96		70-130	4		30
n-Butylbenzene	96		97		70-130	1		30
sec-Butylbenzene	97		98		70-130	1		30
tert-Butylbenzene	95		98		70-130	3		30
o-Chlorotoluene	90		96		70-130	6		30
p-Chlorotoluene	93		94		70-130	1		30
1,2-Dibromo-3-chloropropane	82		86		68-130	5		30
Hexachlorobutadiene	81		86		67-130	6		30
Isopropylbenzene	96		98		70-130	2		30
p-Isopropyltoluene	97		99		70-130	2		30
Naphthalene	94		95		70-130	1		30
Acrylonitrile	107		104		70-130	3		30
n-Propylbenzene	94		96		70-130	2		30
1,2,3-Trichlorobenzene	91		94		70-130	3		30
1,2,4-Trichlorobenzene	94		95		70-130	1		30
1,3,5-Trimethylbenzene	95		96		70-130	1		30
1,2,4-Trimethylbenzene	95		96		70-130	1		30
1,4-Dioxane	85		87		65-136	2		30
p-Diethylbenzene	96		97		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2359919

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): 01-02 Batch: WG1840323-3 WG1840323-4								
p-Ethyltoluene	95		97		70-130	2		30
1,2,4,5-Tetramethylbenzene	94		96		70-130	2		30
Ethyl ether	78		80		67-130	3		30
trans-1,4-Dichloro-2-butene	104		107		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		92		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	103		105		70-130
Dibromofluoromethane	92		92		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01
Client ID: SB-301 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 09:30
Date Received: 10/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/23 16:03
Analyst: MG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/11/23 10:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	150		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01 Date Collected: 10/10/23 09:30

Client ID: SB-301 (2-2.5) Date Received: 10/10/23

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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	96	J	ug/kg	120	22.	1
Benzo(a)pyrene	86	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	110	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	35	J	ug/kg	120	32.	1
Chrysene	100	J	ug/kg	120	20.	1
Acenaphthylene	51	J	ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	58	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	67	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	63	J	ug/kg	160	27.	1
Pyrene	140		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	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	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01 Date Collected: 10/10/23 09:30

Client ID: SB-301 (2-2.5) Date Received: 10/10/23

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	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	30	9.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	59		18-120

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02
Client ID: SB-302 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 15:30
Date Received: 10/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/23 16:26
Analyst: MG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/11/23 10:50

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	200		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02 Date Collected: 10/10/23 15:30

Client ID: SB-302 (1-1.5) Date Received: 10/10/23

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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	120		ug/kg	120	22.	1
Benzo(a)pyrene	110	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	130		ug/kg	120	34.	1
Benzo(k)fluoranthene	48	J	ug/kg	120	32.	1
Chrysene	140		ug/kg	120	21.	1
Acenaphthylene	38	J	ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	71	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	140		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	73	J	ug/kg	160	28.	1
Pyrene	220		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:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02 Date Collected: 10/10/23 15:30

Client ID: SB-302 (1-1.5) Date Received: 10/10/23

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	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	81		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	49		18-120

Project Name: 466 MAIN ST.
Lab Number: L2359919
Project Number: 12587
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02
Client ID: SB-302 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 15:30
Date Received: 10/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 10/31/23 11:22
Analyst: AC
Percent Solids: 82%

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)	0.301	J	ng/g	0.797	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.272	J	ng/g	0.398	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	0.073	J	ng/g	0.199	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.238		ng/g	0.199	0.046	1
Perfluoroheptanoic Acid (PFHpA)	0.114	J	ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.374		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.279	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	0.276		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	1.05		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	0.598		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.386	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	1
Perfluoroundecanoic Acid (PFUnA)	0.258		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	0.068	J	ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	0.276		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	0.139	J	ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	0.123	J	ng/g	0.199	0.106	1
PFOA/PFOS, Total	1.42		ng/g	0.199	0.052	1

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02 Date Collected: 10/10/23 15:30

Client ID: SB-302 (1-1.5) Date Received: 10/10/23

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)	77		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		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)	88		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		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)	69		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		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)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	130		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)	79		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	104		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59		20-150

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/23 12:30
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/11/23 10:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1838372-1					
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	57.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/23 12:30
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/11/23 10:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1838372-1					
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	63.

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/23 12:30
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/11/23 10:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1838372-1					
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	64		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	71		18-120

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
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): 02 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: L2359919
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): 02 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: L2359919
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): 01-02 Batch: WG1838372-2 WG1838372-3								
Acenaphthene	74		74		31-137	0		50
1,2,4-Trichlorobenzene	73		74		38-107	1		50
Hexachlorobenzene	79		78		40-140	1		50
Bis(2-chloroethyl)ether	77		79		40-140	3		50
2-Chloronaphthalene	78		78		40-140	0		50
1,2-Dichlorobenzene	73		73		40-140	0		50
1,3-Dichlorobenzene	72		73		40-140	1		50
1,4-Dichlorobenzene	71		74		28-104	4		50
3,3'-Dichlorobenzidine	64		61		40-140	5		50
2,4-Dinitrotoluene	78		77		40-132	1		50
2,6-Dinitrotoluene	78		77		40-140	1		50
Fluoranthene	82		78		40-140	5		50
4-Chlorophenyl phenyl ether	76		75		40-140	1		50
4-Bromophenyl phenyl ether	79		78		40-140	1		50
Bis(2-chloroisopropyl)ether	88		90		40-140	2		50
Bis(2-chloroethoxy)methane	73		73		40-117	0		50
Hexachlorobutadiene	74		78		40-140	5		50
Hexachlorocyclopentadiene	64		68		40-140	6		50
Hexachloroethane	72		73		40-140	1		50
Isophorone	71		69		40-140	3		50
Naphthalene	79		80		40-140	1		50
Nitrobenzene	73		74		40-140	1		50
NDPA/DPA	79		78		36-157	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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): 01-02 Batch: WG1838372-2 WG1838372-3								
n-Nitrosodi-n-propylamine	77		76		32-121	1		50
Bis(2-ethylhexyl)phthalate	93		89		40-140	4		50
Butyl benzyl phthalate	89		83		40-140	7		50
Di-n-butylphthalate	89		85		40-140	5		50
Di-n-octylphthalate	95		90		40-140	5		50
Diethyl phthalate	79		78		40-140	1		50
Dimethyl phthalate	77		74		40-140	4		50
Benzo(a)anthracene	82		79		40-140	4		50
Benzo(a)pyrene	87		81		40-140	7		50
Benzo(b)fluoranthene	88		77		40-140	13		50
Benzo(k)fluoranthene	83		83		40-140	0		50
Chrysene	86		82		40-140	5		50
Acenaphthylene	79		76		40-140	4		50
Anthracene	84		80		40-140	5		50
Benzo(ghi)perylene	84		82		40-140	2		50
Fluorene	78		76		40-140	3		50
Phenanthrene	82		79		40-140	4		50
Dibenzo(a,h)anthracene	82		80		40-140	2		50
Indeno(1,2,3-cd)pyrene	82		81		40-140	1		50
Pyrene	84		78		35-142	7		50
Biphenyl	84		83		37-127	1		50
4-Chloroaniline	126		126		40-140	0		50
2-Nitroaniline	82		81		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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): 01-02 Batch: WG1838372-2 WG1838372-3								
3-Nitroaniline	65		66		26-129	2		50
4-Nitroaniline	85		81		41-125	5		50
Dibenzofuran	80		80		40-140	0		50
2-Methylnaphthalene	80		82		40-140	2		50
1,2,4,5-Tetrachlorobenzene	82		82		40-117	0		50
Acetophenone	82		81		14-144	1		50
2,4,6-Trichlorophenol	80		80		30-130	0		50
p-Chloro-m-cresol	82		80		26-103	2		50
2-Chlorophenol	82		82		25-102	0		50
2,4-Dichlorophenol	79		76		30-130	4		50
2,4-Dimethylphenol	78		74		30-130	5		50
2-Nitrophenol	78		77		30-130	1		50
4-Nitrophenol	86		80		11-114	7		50
2,4-Dinitrophenol	66		56		4-130	16		50
4,6-Dinitro-o-cresol	83		83		10-130	0		50
Pentachlorophenol	63		61		17-109	3		50
Phenol	77		75		26-90	3		50
2-Methylphenol	80		79		30-130.	1		50
3-Methylphenol/4-Methylphenol	80		78		30-130	3		50
2,4,5-Trichlorophenol	81		81		30-130	0		50
Benzoic Acid	29		16		10-110	**58**	Q	50
Benzyl Alcohol	76		77		40-140	1		50
Carbazole	88		82		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2359919

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): 01-02 Batch: WG1838372-2 WG1838372-3								
1,4-Dioxane	60		60		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	90		90		25-120
Phenol-d6	83		82		10-120
Nitrobenzene-d5	74		74		23-120
2-Fluorobiphenyl	75		74		30-120
2,4,6-Tribromophenol	84		81		10-136
4-Terphenyl-d14	84		79		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
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): 02 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: L2359919

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): 02 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: L2359919
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): 02 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: L2359919
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): 02 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. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01
Client ID: SB-301 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 09:30
Date Received: 10/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/12/23 13:18
Analyst: AD
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/11/23 12:29
Cleanup Method: EPA 3665A
Cleanup Date: 10/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.8	5.04	1	A
Aroclor 1221	ND		ug/kg	56.8	5.69	1	A
Aroclor 1232	ND		ug/kg	56.8	12.0	1	A
Aroclor 1242	ND		ug/kg	56.8	7.66	1	A
Aroclor 1248	ND		ug/kg	56.8	8.52	1	A
Aroclor 1254	ND		ug/kg	56.8	6.21	1	A
Aroclor 1260	ND		ug/kg	56.8	10.5	1	A
Aroclor 1262	ND		ug/kg	56.8	7.21	1	A
Aroclor 1268	ND		ug/kg	56.8	5.88	1	A
PCBs, Total	ND		ug/kg	56.8	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02
Client ID: SB-302 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 15:30
Date Received: 10/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/12/23 13:25
Analyst: AD
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/11/23 12:29
Cleanup Method: EPA 3665A
Cleanup Date: 10/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.5	5.37	1	A
Aroclor 1221	ND		ug/kg	60.5	6.06	1	A
Aroclor 1232	ND		ug/kg	60.5	12.8	1	A
Aroclor 1242	ND		ug/kg	60.5	8.15	1	A
Aroclor 1248	ND		ug/kg	60.5	9.07	1	A
Aroclor 1254	ND		ug/kg	60.5	6.62	1	A
Aroclor 1260	ND		ug/kg	60.5	11.2	1	A
Aroclor 1262	ND		ug/kg	60.5	7.68	1	A
Aroclor 1268	ND		ug/kg	60.5	6.27	1	A
PCBs, Total	ND		ug/kg	60.5	5.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/12/23 11:49
Analyst: AD

Extraction Method: EPA 3546
Extraction Date: 10/11/23 12:29
Cleanup Method: EPA 3665A
Cleanup Date: 10/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1838439-1						
Aroclor 1016	ND		ug/kg	48.0	4.26	A
Aroclor 1221	ND		ug/kg	48.0	4.81	A
Aroclor 1232	ND		ug/kg	48.0	10.2	A
Aroclor 1242	ND		ug/kg	48.0	6.47	A
Aroclor 1248	ND		ug/kg	48.0	7.20	A
Aroclor 1254	ND		ug/kg	48.0	5.25	A
Aroclor 1260	ND		ug/kg	48.0	8.87	A
Aroclor 1262	ND		ug/kg	48.0	6.09	A
Aroclor 1268	ND		ug/kg	48.0	4.97	A
PCBs, Total	ND		ug/kg	48.0	4.26	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2359919

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): 01-02 Batch: WG1838439-2 WG1838439-3									
Aroclor 1016	70		78		40-140	11		50	A
Aroclor 1260	63		71		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		78		30-150	A
Decachlorobiphenyl	70		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		76		30-150	B
Decachlorobiphenyl	68		78		30-150	B

PESTICIDES

Project Name: 466 MAIN ST.
Lab Number: L2359919
Project Number: 12587
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01
Client ID: SB-301 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 09:30
Date Received: 10/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/12/23 15:48
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/11/23 07:36
Cleanup Method: EPA 3620B
Cleanup Date: 10/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.759	0.339	1	A
Alpha-BHC	ND		ug/kg	0.759	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.690	1	A
Heptachlor	ND		ug/kg	0.910	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.641	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.759	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.797	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	ND		ug/kg	1.14	0.569	1	A
4,4'-DDE	3.97		ug/kg	1.82	0.421	1	B
4,4'-DDD	ND		ug/kg	1.82	0.649	1	A
4,4'-DDT	7.14		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.759	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.56	1	A
cis-Chlordane	ND		ug/kg	2.28	0.634	1	A
trans-Chlordane	ND		ug/kg	2.28	0.601	1	A
Chlordane	ND		ug/kg	15.2	6.03	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01 Date Collected: 10/10/23 09:30

Client ID: SB-301 (2-2.5) Date Received: 10/10/23

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	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 466 MAIN ST.
Lab Number: L2359919
Project Number: 12587
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02
Client ID: SB-302 (1-1.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 15:30
Date Received: 10/10/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/12/23 16:00
Analyst: JAG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/11/23 07:37
Cleanup Method: EPA 3620B
Cleanup Date: 10/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/12/23

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	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.933	0.418	1	A
Aldrin	ND		ug/kg	1.87	0.657	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	1.15	J	ug/kg	1.17	0.583	1	B
4,4'-DDE	5.18		ug/kg	1.87	0.432	1	A
4,4'-DDD	ND		ug/kg	1.87	0.666	1	A
4,4'-DDT	11.9		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.80	1	A
cis-Chlordane	ND		ug/kg	2.33	0.650	1	A
trans-Chlordane	ND		ug/kg	2.33	0.616	1	A
Chlordane	ND		ug/kg	15.6	6.18	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02 Date Collected: 10/10/23 15:30

Client ID: SB-302 (1-1.5) Date Received: 10/10/23

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	66		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/12/23 00:56
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 10/11/23 07:36
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1838254-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.781	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.879	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.976	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.557	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.911	A
Toxaphene	ND		ug/kg	29.3	8.20	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.516	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/12/23 00:56
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 10/11/23 07:36
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1838254-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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): 01-02 Batch: WG1838254-2 WG1838254-3									
Delta-BHC	72		77		30-150	7		30	A
Lindane	65		69		30-150	6		30	A
Alpha-BHC	65		68		30-150	5		30	A
Beta-BHC	74		77		30-150	4		30	A
Heptachlor	65		68		30-150	5		30	A
Aldrin	64		67		30-150	5		30	A
Heptachlor epoxide	65		68		30-150	5		30	A
Endrin	68		73		30-150	7		30	A
Endrin aldehyde	58		64		30-150	10		30	A
Endrin ketone	72		78		30-150	8		30	A
Dieldrin	73		79		30-150	8		30	A
4,4'-DDE	67		72		30-150	7		30	A
4,4'-DDD	74		79		30-150	7		30	A
4,4'-DDT	70		76		30-150	8		30	A
Endosulfan I	66		70		30-150	6		30	A
Endosulfan II	68		74		30-150	8		30	A
Endosulfan sulfate	66		71		30-150	7		30	A
Methoxychlor	72		77		30-150	7		30	A
cis-Chlordane	60		64		30-150	6		30	A
trans-Chlordane	64		71		30-150	10		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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): 01-02 Batch: WG1838254-2 WG1838254-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		56		30-150	A
Decachlorobiphenyl	61		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		67		30-150	B
Decachlorobiphenyl	74		80		30-150	B

METALS

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01 Date Collected: 10/10/23 09:30

Client ID: SB-301 (2-2.5) Date Received: 10/10/23

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	11900		mg/kg	9.09	2.46	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Antimony, Total	0.498	J	mg/kg	4.55	0.346	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.92		mg/kg	0.909	0.189	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Barium, Total	108		mg/kg	0.909	0.158	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.490		mg/kg	0.455	0.030	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.140	J	mg/kg	0.909	0.089	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Calcium, Total	1920		mg/kg	9.09	3.18	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Chromium, Total	18.6		mg/kg	0.909	0.087	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.93		mg/kg	1.82	0.151	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Copper, Total	25.8		mg/kg	0.909	0.235	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Iron, Total	14100		mg/kg	4.55	0.821	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Lead, Total	362		mg/kg	4.55	0.244	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Magnesium, Total	3000		mg/kg	9.09	1.40	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Manganese, Total	273		mg/kg	0.909	0.145	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Mercury, Total	0.159		mg/kg	0.075	0.049	1	10/11/23 12:10	10/11/23 15:38	EPA 7471B	1,7471B	MJR
Nickel, Total	13.4		mg/kg	2.27	0.220	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Potassium, Total	1900		mg/kg	227	13.1	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Selenium, Total	0.537	J	mg/kg	1.82	0.235	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.455	0.257	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Sodium, Total	64.1	J	mg/kg	182	2.86	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Thallium, Total	0.853	J	mg/kg	1.82	0.286	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.8		mg/kg	0.909	0.185	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF
Zinc, Total	129		mg/kg	4.55	0.266	2	10/11/23 11:00	10/11/23 14:30	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST. **Lab Number:** L2359919

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02 Date Collected: 10/10/23 15:30

Client ID: SB-302 (1-1.5) Date Received: 10/10/23

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

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10100		mg/kg	9.56	2.58	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.78	0.363	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.29		mg/kg	0.956	0.199	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Barium, Total	242		mg/kg	0.956	0.166	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.452	J	mg/kg	0.478	0.032	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.27		mg/kg	0.956	0.094	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Calcium, Total	5520		mg/kg	9.56	3.35	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Chromium, Total	18.9		mg/kg	0.956	0.092	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.88		mg/kg	1.91	0.159	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Copper, Total	42.9		mg/kg	0.956	0.247	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Iron, Total	16200		mg/kg	4.78	0.864	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Lead, Total	335		mg/kg	4.78	0.256	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Magnesium, Total	2630		mg/kg	9.56	1.47	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Manganese, Total	328		mg/kg	0.956	0.152	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Mercury, Total	0.388		mg/kg	0.077	0.050	1	10/11/23 12:10	10/11/23 15:41	EPA 7471B	1,7471B	MJR
Nickel, Total	15.4		mg/kg	2.39	0.231	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Potassium, Total	1090		mg/kg	239	13.8	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Selenium, Total	0.651	J	mg/kg	1.91	0.247	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Silver, Total	0.867		mg/kg	0.478	0.271	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Sodium, Total	81.0	J	mg/kg	191	3.01	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Thallium, Total	0.626	J	mg/kg	1.91	0.301	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.8		mg/kg	0.956	0.194	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF
Zinc, Total	386		mg/kg	4.78	0.280	2	10/11/23 11:00	10/11/23 14:33	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
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): 01-02 Batch: WG1838188-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Antimony, Total	0.235	J	mg/kg	2.00	0.152	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Iron, Total	ND		mg/kg	2.00	0.361	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Sodium, Total	1.47	J	mg/kg	80.0	1.26	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/11/23 11:00	10/11/23 12:56	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/11/23 11:00	10/11/23 12:56	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: WG1838189-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/11/23 12:10	10/11/23 14:38	1,7471B	MJR

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
Report Date: 11/02/23

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: L2359919

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): 01-02 Batch: WG1838188-2 SRM Lot Number: D119-540								
Aluminum, Total	94		-		48-152	-		
Antimony, Total	161		-		10-190	-		
Arsenic, Total	112		-		83-117	-		
Barium, Total	105		-		82-118	-		
Beryllium, Total	108		-		83-117	-		
Cadmium, Total	99		-		82-117	-		
Calcium, Total	106		-		81-118	-		
Chromium, Total	110		-		82-119	-		
Cobalt, Total	106		-		83-117	-		
Copper, Total	101		-		84-116	-		
Iron, Total	116		-		60-140	-		
Lead, Total	112		-		82-118	-		
Magnesium, Total	103		-		76-124	-		
Manganese, Total	107		-		82-118	-		
Nickel, Total	106		-		82-117	-		
Potassium, Total	105		-		70-130	-		
Selenium, Total	116		-		79-121	-		
Silver, Total	115		-		80-120	-		
Sodium, Total	110		-		74-126	-		
Thallium, Total	104		-		81-119	-		
Vanadium, Total	107		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2359919

Report Date: 11/02/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1838188-2 SRM Lot Number: D119-540					
Zinc, Total	113	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1838189-2 SRM Lot Number: D119-540					
Mercury, Total	96	-	73-127	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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): 01-02 QC Batch ID: WG1838188-3 QC Sample: L2359878-01 Client ID: MS Sample												
Aluminum, Total	11500	171	11200	**0**	Q	-	-		75-125	-		20
Antimony, Total	0.692J	42.7	43.3	101		-	-		75-125	-		20
Arsenic, Total	5.57	10.2	16.5	107		-	-		75-125	-		20
Barium, Total	198	171	329	77		-	-		75-125	-		20
Beryllium, Total	1.44	4.27	5.59	97		-	-		75-125	-		20
Cadmium, Total	0.162J	4.52	4.32	96		-	-		75-125	-		20
Calcium, Total	2130	853	2910	91		-	-		75-125	-		20
Chromium, Total	27.2	17.1	41.6	84		-	-		75-125	-		20
Cobalt, Total	17.3	42.7	54.7	88		-	-		75-125	-		20
Copper, Total	9.48	21.3	29.8	95		-	-		75-125	-		20
Iron, Total	33700	85.3	30600	**0**	Q	-	-		75-125	-		20
Lead, Total	31.9	45.2	77.2	100		-	-		75-125	-		20
Magnesium, Total	8180	853	8580	**47**	Q	-	-		75-125	-		20
Manganese, Total	811	42.7	690	**0**	Q	-	-		75-125	-		20
Nickel, Total	39.1	42.7	74.6	83		-	-		75-125	-		20
Potassium, Total	1680	853	2400	84		-	-		75-125	-		20
Selenium, Total	0.479J	10.2	9.68	94		-	-		75-125	-		20
Silver, Total	ND	4.27	4.43	104		-	-		75-125	-		20
Sodium, Total	168J	853	1030	121		-	-		75-125	-		20
Thallium, Total	1.04J	10.2	10.9	106		-	-		75-125	-		20
Vanadium, Total	23.6	42.7	62.4	91		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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): 01-02 QC Batch ID: WG1838188-3 QC Sample: L2359878-01 Client ID: MS Sample									
Zinc, Total	83.9	42.7	120	84	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1838189-3 QC Sample: L2359755-01 Client ID: MS Sample									
Mercury, Total	0.206	1.39	1.70	107	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2359919

Report Date: 11/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1838188-4 QC Sample: L2359878-01 Client ID: DUP Sample						
Aluminum, Total	11500	11700	mg/kg	2		20
Antimony, Total	0.692J	0.922J	mg/kg	NC		20
Arsenic, Total	5.57	5.33	mg/kg	4		20
Barium, Total	198	162	mg/kg	20		20
Beryllium, Total	1.44	1.38	mg/kg	4		20
Cadmium, Total	0.162J	0.203J	mg/kg	NC		20
Calcium, Total	2130	2590	mg/kg	19		20
Chromium, Total	27.2	27.3	mg/kg	0		20
Cobalt, Total	17.3	15.1	mg/kg	14		20
Copper, Total	9.48	8.57	mg/kg	10		20
Iron, Total	33700	33600	mg/kg	0		20
Lead, Total	31.9	30.3	mg/kg	5		20
Magnesium, Total	8180	8240	mg/kg	1		20
Manganese, Total	811	761	mg/kg	6		20
Nickel, Total	39.1	36.9	mg/kg	6		20
Potassium, Total	1680	1530	mg/kg	9		20
Selenium, Total	0.479J	0.444J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	168J	159J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
Report Date: 11/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1838188-4 QC Sample: L2359878-01 Client ID: DUP Sample						
Thallium, Total	1.04J	1.04J	mg/kg	NC		20
Vanadium, Total	23.6	22.5	mg/kg	5		20
Zinc, Total	83.9	81.9	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1838189-4 QC Sample: L2359755-01 Client ID: DUP Sample						
Mercury, Total	0.206	0.368	mg/kg	**56**	Q	20

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2359919
Report Date: 11/02/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1838188-6 QC Sample: L2359878-01 Client ID: DUP Sample						
Aluminum, Total	11500	11900	mg/kg	3		20
Barium, Total	198	208	mg/kg	5		20
Calcium, Total	2130	2270	mg/kg	7		20
Chromium, Total	27.2	29.1	mg/kg	7		20
Iron, Total	33700	39200	mg/kg	16		20
Magnesium, Total	8180	8640	mg/kg	6		20
Manganese, Total	811	873	mg/kg	8		20
Vanadium, Total	23.6	25.1	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-01
Client ID: SB-301 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/10/23 09:30
Date Received: 10/10/23
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	84.0		%	0.100	NA	1	-	10/11/23 06:32	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/14/23 09:20	10/16/23 18:12	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2359919-02
Client ID: SB-302 (1-1.5)
Sample Location: NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/10/23 15:30
Date Received: 10/10/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	10/11/23 06:32	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	10/14/23 09:20	10/16/23 18:15	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
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): 01-02 Batch: WG1839697-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	10/14/23 09:20	10/16/23 17:50	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2359919

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): 01-02 Batch: WG1839697-2 WG1839697-3								
Cyanide, Total	87		83		80-120	4		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2359919
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): 01-02 QC Batch ID: WG1839697-4 WG1839697-5 QC Sample: L2360348-04 Client ID: MS Sample												
Cyanide, Total	ND	10	11	100		11	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2359919

Report Date: 11/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1838219-1 QC Sample: L2359888-02 Client ID: DUP Sample						
Solids, Total	89.6	89.6	%	0		20

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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(*)
L2359919-01A	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2359919-01B	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2359919-01C	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2359919-01D	Glass 60mL/2oz unpreserved	A	NA		4.5	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),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2359919-01E	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L2359919-01F	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2359919-01X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2359919-01Y	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-23 06:28	NYTCL-8260HLW(14)
L2359919-01Z	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-23 06:28	NYTCL-8260HLW(14)
L2359919-02A	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2359919-02B	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2359919-02C	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2359919-02D	Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2359919-02E	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L2359919-02F	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L2359919-02G	Plastic 8oz unpreserved	A	NA		4.5	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2359919-02H	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		TCN-9010(14),NYTCL-8270(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: L2359919
Report Date: 11/02/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2359919-02X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2359919-02Y	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-23 06:28	NYTCL-8260HLW(14)
L2359919-02Z	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-23 06:28	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2359919
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: L2359919
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:**	L2359919
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:**	L2359919
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:**	L2359919
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:**	L2359919
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

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

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

Page: 1 of 1

Date Rec'd in Lab: 10/11/23

ALPHA Job #: L2359919

Client Information
Client: SESI
Address: 959 Route 46 E
Parsippany NJ
Phone: 9733089050
Fax:
Email: chris.malvicini@sesi.us

Project Information
Project Name: 4606 Main St
Project Location: New Rochelle, NY
Project #: 12587
(Use Project name as Project #) ☐
Project Manager: James VanderVliet
ALPHAQuote #:

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

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL+30TAL PFAS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Bottle	Sample Specific Comments
59919-01	SB-301 (2-2.5)	10/10/23	930	Soil	TAJ	X	
02	SB-302 (1-1.5)	10/10/23	1530	↓	↓	X X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	10/10/23 1730		10/10/23 1755
	10/10/23 1900		10/10/23 19:15
	10/10/23		10/10 21:45
	10/11 00:30		10/11/23 00:30

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:	L2360344
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:	10/18/23

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: L2360344
Report Date: 10/18/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2360344-01	SB-303 (3-3.5)	SOIL	NEW ROCHELLE, NY	10/11/23 12:00	10/11/23

Project Name:	466 MAIN ST.	**Lab Number:**	L2360344
Project Number:	12587	**Report Date:**	10/18/23

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:** L2360344
Project Number: 12587 **Report Date:** 10/18/23

Case Narrative (continued)

Report Submission

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

Total Metals

L2360344-01: 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: Caitlin Walukevich

Title: Technical Director/Representative Date: 10/18/23

ORGANICS

VOLATILES

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01
Client ID: SB-303 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/11/23 12:00
Date Received: 10/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/16/23 14:38
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 466 MAIN ST. **Lab Number:** L2360344

Project Number: 12587 **Report Date:** 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01 Date Collected: 10/11/23 12:00

Client ID: SB-303 (3-3.5) Date Received: 10/11/23

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	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	ND		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 466 MAIN ST. **Lab Number:** L2360344

Project Number: 12587 **Report Date:** 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01 Date Collected: 10/11/23 12:00

Client ID: SB-303 (3-3.5) Date Received: 10/11/23

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	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	5.77	J	ug/kg			1
Unknown	1.95	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.82	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/23 13:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1840674-5					
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: L2360344
Report Date: 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/23 13:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1840674-5					
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:** L2360344

Project Number: 12587 **Report Date:** 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/23 13:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1840674-5					
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	7.38	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	4.96	NJ	ug/kg
Unknown	2.42	J	ug/kg

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/16/23 13:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1840674-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

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: WG1840674-3 WG1840674-4								
Methylene chloride	75		76		70-130	1		30
1,1-Dichloroethane	73		72		70-130	1		30
Chloroform	84		83		70-130	1		30
Carbon tetrachloride	87		86		70-130	1		30
1,2-Dichloropropane	71		71		70-130	0		30
Dibromochloromethane	106		105		70-130	1		30
1,1,2-Trichloroethane	85		84		70-130	1		30
Tetrachloroethene	94		92		70-130	2		30
Chlorobenzene	87		86		70-130	1		30
Trichlorofluoromethane	88		86		70-139	2		30
1,2-Dichloroethane	91		90		70-130	1		30
1,1,1-Trichloroethane	93		92		70-130	1		30
Bromodichloromethane	92		92		70-130	0		30
trans-1,3-Dichloropropene	93		92		70-130	1		30
cis-1,3-Dichloropropene	87		86		70-130	1		30
1,1-Dichloropropene	80		78		70-130	3		30
Bromoform	114		112		70-130	2		30
1,1,2,2-Tetrachloroethane	90		88		70-130	2		30
Benzene	74		74		70-130	0		30
Toluene	74		72		70-130	3		30
Ethylbenzene	82		80		70-130	2		30
Chloromethane	53		52		52-130	2		30
Bromomethane	93		68		57-147	**31**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

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: WG1840674-3 WG1840674-4								
Vinyl chloride	82		**60**	Q	67-130	**31**	Q	30
Chloroethane	66		64		50-151	3		30
1,1-Dichloroethene	78		77		65-135	1		30
trans-1,2-Dichloroethene	78		77		70-130	1		30
Trichloroethene	83		82		70-130	1		30
1,2-Dichlorobenzene	94		93		70-130	1		30
1,3-Dichlorobenzene	91		90		70-130	1		30
1,4-Dichlorobenzene	92		90		70-130	2		30
Methyl tert butyl ether	88		90		66-130	2		30
p/m-Xylene	81		79		70-130	3		30
o-Xylene	85		84		70-130	1		30
cis-1,2-Dichloroethene	79		79		70-130	0		30
Dibromomethane	91		91		70-130	0		30
Styrene	85		84		70-130	1		30
Dichlorodifluoromethane	66		65		30-146	2		30
Acetone	89		93		54-140	4		30
Carbon disulfide	64		64		59-130	0		30
2-Butanone	80		81		70-130	1		30
Vinyl acetate	74		71		70-130	4		30
4-Methyl-2-pentanone	84		84		70-130	0		30
1,2,3-Trichloropropane	91		91		68-130	0		30
2-Hexanone	82		82		70-130	0		30
Bromochloromethane	96		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2360344

Report Date: 10/18/23

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: WG1840674-3 WG1840674-4								
2,2-Dichloropropane	86		87		70-130	1		30
1,2-Dibromoethane	102		99		70-130	3		30
1,3-Dichloropropane	86		84		69-130	2		30
1,1,1,2-Tetrachloroethane	98		97		70-130	1		30
Bromobenzene	96		93		70-130	3		30
n-Butylbenzene	80		78		70-130	3		30
sec-Butylbenzene	84		82		70-130	2		30
tert-Butylbenzene	89		86		70-130	3		30
o-Chlorotoluene	82		80		70-130	2		30
p-Chlorotoluene	83		81		70-130	2		30
1,2-Dibromo-3-chloropropane	103		102		68-130	1		30
Hexachlorobutadiene	105		101		67-130	4		30
Isopropylbenzene	85		82		70-130	4		30
p-Isopropyltoluene	88		86		70-130	2		30
Naphthalene	115		114		70-130	1		30
Acrylonitrile	83		82		70-130	1		30
n-Propylbenzene	82		79		70-130	4		30
1,2,3-Trichlorobenzene	114		113		70-130	1		30
1,2,4-Trichlorobenzene	104		103		70-130	1		30
1,3,5-Trimethylbenzene	86		84		70-130	2		30
1,2,4-Trimethylbenzene	87		85		70-130	2		30
1,4-Dioxane	101		103		65-136	2		30
p-Diethylbenzene	85		83		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2360344

Report Date: 10/18/23

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: WG1840674-3 WG1840674-4								
p-Ethyltoluene	84		81		70-130	4		30
1,2,4,5-Tetramethylbenzene	93		91		70-130	2		30
Ethyl ether	79		78		67-130	1		30
trans-1,4-Dichloro-2-butene	86		84		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		107		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	103		103		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01
Client ID: SB-303 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/11/23 12:00
Date Received: 10/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/14/23 17:10
Analyst: CMM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/13/23 05:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	62	J	ug/kg	150	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	34.	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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	720		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	35	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	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:** L2360344

Project Number: 12587 **Report Date:** 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01 Date Collected: 10/11/23 12:00

Client ID: SB-303 (3-3.5) Date Received: 10/11/23

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	290		ug/kg	120	22.	1
Benzo(a)pyrene	290		ug/kg	150	47.	1
Benzo(b)fluoranthene	320		ug/kg	120	32.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	31.	1
Chrysene	270		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	140		ug/kg	120	38.	1
Benzo(ghi)perylene	180		ug/kg	150	23.	1
Fluorene	45	J	ug/kg	190	19.	1
Phenanthrene	720		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	150	27.	1
Pyrene	630		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	48	J	ug/kg	190	18.	1
2-Methylnaphthalene	25	J	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	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	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	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. **Lab Number:** L2360344

Project Number: 12587 **Report Date:** 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01 Date Collected: 10/11/23 12:00

Client ID: SB-303 (3-3.5) Date Received: 10/11/23

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	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	64	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	178	J	ug/kg			1
Unknown PAH	178	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	54		18-120

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/13/23 13:42
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 10/12/23 10:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1838929-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/13/23 13:42
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 10/12/23 10:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1838929-1					
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	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.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/13/23 13:42
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 10/12/23 10:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1838929-1					
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	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	64		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2360344

Report Date: 10/18/23

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: WG1838929-2 WG1838929-3								
Acenaphthene	57		68		31-137	18		50
1,2,4-Trichlorobenzene	55		62		38-107	12		50
Hexachlorobenzene	56		70		40-140	22		50
Bis(2-chloroethyl)ether	59		68		40-140	14		50
2-Chloronaphthalene	58		64		40-140	10		50
1,2-Dichlorobenzene	54		62		40-140	14		50
1,3-Dichlorobenzene	56		62		40-140	10		50
1,4-Dichlorobenzene	53		61		28-104	14		50
3,3'-Dichlorobenzidine	46		59		40-140	25		50
2,4-Dinitrotoluene	60		72		40-132	18		50
2,6-Dinitrotoluene	59		69		40-140	16		50
Fluoranthene	58		72		40-140	22		50
4-Chlorophenyl phenyl ether	60		71		40-140	17		50
4-Bromophenyl phenyl ether	58		70		40-140	19		50
Bis(2-chloroisopropyl)ether	70		81		40-140	15		50
Bis(2-chloroethoxy)methane	62		72		40-117	15		50
Hexachlorobutadiene	54		60		40-140	11		50
Hexachlorocyclopentadiene	43		47		40-140	9		50
Hexachloroethane	57		66		40-140	15		50
Isophorone	56		66		40-140	16		50
Naphthalene	58		65		40-140	11		50
Nitrobenzene	56		64		40-140	13		50
NDPA/DPA	61		75		36-157	21		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

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: WG1838929-2 WG1838929-3								
n-Nitrosodi-n-propylamine	60		70		32-121	15		50
Bis(2-ethylhexyl)phthalate	71		85		40-140	18		50
Butyl benzyl phthalate	63		79		40-140	23		50
Di-n-butylphthalate	65		80		40-140	21		50
Di-n-octylphthalate	71		86		40-140	19		50
Diethyl phthalate	62		75		40-140	19		50
Dimethyl phthalate	59		67		40-140	13		50
Benzo(a)anthracene	61		72		40-140	17		50
Benzo(a)pyrene	63		76		40-140	19		50
Benzo(b)fluoranthene	58		75		40-140	26		50
Benzo(k)fluoranthene	63		72		40-140	13		50
Chrysene	62		75		40-140	19		50
Acenaphthylene	59		68		40-140	14		50
Anthracene	61		73		40-140	18		50
Benzo(ghi)perylene	61		74		40-140	19		50
Fluorene	59		72		40-140	20		50
Phenanthrene	59		72		40-140	20		50
Dibenzo(a,h)anthracene	59		73		40-140	21		50
Indeno(1,2,3-cd)pyrene	60		74		40-140	21		50
Pyrene	58		71		35-142	20		50
Biphenyl	61		69		37-127	12		50
4-Chloroaniline	**39**	Q	44		40-140	12		50
2-Nitroaniline	61		70		47-134	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

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: WG1838929-2 WG1838929-3								
3-Nitroaniline	54		68		26-129	23		50
4-Nitroaniline	64		79		41-125	21		50
Dibenzofuran	61		72		40-140	17		50
2-Methylnaphthalene	59		67		40-140	13		50
1,2,4,5-Tetrachlorobenzene	60		67		40-117	11		50
Acetophenone	62		71		14-144	14		50
2,4,6-Trichlorophenol	58		69		30-130	17		50
p-Chloro-m-cresol	64		73		26-103	13		50
2-Chlorophenol	61		70		25-102	14		50
2,4-Dichlorophenol	59		71		30-130	18		50
2,4-Dimethylphenol	60		72		30-130	18		50
2-Nitrophenol	56		66		30-130	16		50
4-Nitrophenol	52		64		11-114	21		50
2,4-Dinitrophenol	27		39		4-130	36		50
4,6-Dinitro-o-cresol	57		71		10-130	22		50
Pentachlorophenol	32		42		17-109	27		50
Phenol	59		69		26-90	16		50
2-Methylphenol	61		71		30-130.	15		50
3-Methylphenol/4-Methylphenol	62		72		30-130	15		50
2,4,5-Trichlorophenol	58		68		30-130	16		50
Benzoic Acid	11		11		10-110	0		50
Benzyl Alcohol	60		70		40-140	15		50
Carbazole	62		74		54-128	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2360344

Report Date: 10/18/23

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: WG1838929-2 WG1838929-3								
1,4-Dioxane	54		56		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		77		25-120
Phenol-d6	63		73		10-120
Nitrobenzene-d5	57		65		23-120
2-Fluorobiphenyl	56		63		30-120
2,4,6-Tribromophenol	55		69		10-136
4-Terphenyl-d14	58		71		18-120

PCBS

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01
Client ID: SB-303 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/11/23 12:00
Date Received: 10/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/15/23 11:20
Analyst: ER
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/14/23 11:09
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.3	5.18	1	A
Aroclor 1221	ND		ug/kg	58.3	5.84	1	A
Aroclor 1232	ND		ug/kg	58.3	12.4	1	A
Aroclor 1242	ND		ug/kg	58.3	7.86	1	A
Aroclor 1248	ND		ug/kg	58.3	8.75	1	A
Aroclor 1254	ND		ug/kg	58.3	6.38	1	A
Aroclor 1260	ND		ug/kg	58.3	10.8	1	A
Aroclor 1262	ND		ug/kg	58.3	7.40	1	A
Aroclor 1268	ND		ug/kg	58.3	6.04	1	A
PCBs, Total	ND		ug/kg	58.3	5.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/15/23 10:48
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 10/14/23 11:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1839751-1						
Aroclor 1016	ND		ug/kg	46.6	4.13	A
Aroclor 1221	ND		ug/kg	46.6	4.66	A
Aroclor 1232	ND		ug/kg	46.6	9.87	A
Aroclor 1242	ND		ug/kg	46.6	6.28	A
Aroclor 1248	ND		ug/kg	46.6	6.98	A
Aroclor 1254	ND		ug/kg	46.6	5.09	A
Aroclor 1260	ND		ug/kg	46.6	8.60	A
Aroclor 1262	ND		ug/kg	46.6	5.91	A
Aroclor 1268	ND		ug/kg	46.6	4.82	A
PCBs, Total	ND		ug/kg	46.6	4.13	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2360344

Report Date: 10/18/23

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: WG1839751-2 WG1839751-3									
Aroclor 1016	76		78		40-140	3		50	A
Aroclor 1260	63		64		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	A
Decachlorobiphenyl	67		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		82		30-150	B
Decachlorobiphenyl	74		73		30-150	B

PESTICIDES

Project Name: 466 MAIN ST.
Lab Number: L2360344
Project Number: 12587
Report Date: 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01
Client ID: SB-303 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/11/23 12:00
Date Received: 10/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/15/23 13:08
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/14/23 07:45
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.350	1	A
Lindane	ND		ug/kg	0.744	0.332	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.677	1	A
Heptachlor	ND		ug/kg	0.893	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.78	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	1.44	J	ug/kg	1.78	0.413	1	A
4,4'-DDD	ND		ug/kg	1.78	0.637	1	A
4,4'-DDT	2.32		ug/kg	1.78	1.44	1	B
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.37	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.589	1	A
Chlordane	ND		ug/kg	14.9	5.91	1	A

Project Name: 466 MAIN ST. **Lab Number:** L2360344

Project Number: 12587 **Report Date:** 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01 Date Collected: 10/11/23 12:00

Client ID: SB-303 (3-3.5) Date Received: 10/11/23

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	80		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/15/23 14:04
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 10/14/23 07:45
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1839703-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.649	0.290	A
Alpha-BHC	ND		ug/kg	0.649	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.591	A
Heptachlor	ND		ug/kg	0.779	0.349	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.877	A
Endrin	ND		ug/kg	0.649	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.682	A
Endrin ketone	ND		ug/kg	1.56	0.401	A
Dieldrin	ND		ug/kg	0.974	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.649	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.909	A
Toxaphene	ND		ug/kg	29.2	8.18	A
cis-Chlordane	ND		ug/kg	1.95	0.543	A
trans-Chlordane	ND		ug/kg	1.95	0.514	A
Chlordane	ND		ug/kg	13.0	5.16	A

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/15/23 14:04
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 10/14/23 07:45
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1839703-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

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: WG1839703-2 WG1839703-3									
Delta-BHC	94		94		30-150	0		30	A
Lindane	88		81		30-150	8		30	A
Alpha-BHC	92		85		30-150	8		30	A
Beta-BHC	94		88		30-150	7		30	A
Heptachlor	87		81		30-150	7		30	A
Aldrin	86		78		30-150	10		30	A
Heptachlor epoxide	81		76		30-150	6		30	A
Endrin	85		78		30-150	9		30	A
Endrin aldehyde	68		68		30-150	0		30	A
Endrin ketone	82		80		30-150	2		30	A
Dieldrin	92		84		30-150	9		30	A
4,4'-DDE	86		79		30-150	8		30	A
4,4'-DDD	92		84		30-150	9		30	A
4,4'-DDT	84		76		30-150	10		30	A
Endosulfan I	84		78		30-150	7		30	A
Endosulfan II	83		75		30-150	10		30	A
Endosulfan sulfate	79		74		30-150	7		30	A
Methoxychlor	83		77		30-150	8		30	A
cis-Chlordane	79		69		30-150	14		30	A
trans-Chlordane	75		72		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2360344

Report Date: 10/18/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1839703-2 WG1839703-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		76		30-150	A
Decachlorobiphenyl	75		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		90		30-150	B
Decachlorobiphenyl	79		75		30-150	B

METALS

Project Name: 466 MAIN ST. **Lab Number:** L2360344

Project Number: 12587 **Report Date:** 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01 Date Collected: 10/11/23 12:00

Client ID: SB-303 (3-3.5) Date Received: 10/11/23

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	12600		mg/kg	9.24	2.50	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Antimony, Total	0.822	J	mg/kg	4.62	0.351	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Arsenic, Total	11.6		mg/kg	0.924	0.192	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Barium, Total	95.3		mg/kg	0.924	0.161	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.444	J	mg/kg	0.462	0.031	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.117	J	mg/kg	0.924	0.091	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Calcium, Total	7500		mg/kg	9.24	3.23	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Chromium, Total	28.1		mg/kg	0.924	0.089	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Cobalt, Total	8.73		mg/kg	1.85	0.153	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Copper, Total	24.2		mg/kg	0.924	0.238	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Iron, Total	19800		mg/kg	4.62	0.834	2	10/13/23 01:24	10/16/23 19:05	EPA 3050B	1,6010D	AMW
Lead, Total	112		mg/kg	4.62	0.248	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Magnesium, Total	5000		mg/kg	9.24	1.42	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Manganese, Total	361		mg/kg	0.924	0.147	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Mercury, Total	0.064	J	mg/kg	0.078	0.051	1	10/13/23 01:45	10/13/23 22:57	EPA 7471B	1,7471B	MJR
Nickel, Total	26.4		mg/kg	2.31	0.224	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Potassium, Total	3770		mg/kg	231	13.3	2	10/13/23 01:24	10/16/23 19:05	EPA 3050B	1,6010D	AMW
Selenium, Total	0.509	J	mg/kg	1.85	0.238	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.462	0.262	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Sodium, Total	102	J	mg/kg	185	2.91	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Thallium, Total	1.08	J	mg/kg	1.85	0.291	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Vanadium, Total	32.6		mg/kg	0.924	0.188	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW
Zinc, Total	74.9		mg/kg	4.62	0.271	2	10/13/23 01:24	10/16/23 18:13	EPA 3050B	1,6010D	AMW

Project Name: 466 MAIN ST. **Lab Number:** L2360344

Project Number: 12587 **Report Date:** 10/18/23

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: WG1839018-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Antimony, Total	0.494	J	mg/kg	2.00	0.152	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Barium, Total	ND		mg/kg	0.400	0.070	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Copper, Total	ND		mg/kg	0.400	0.103	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Iron, Total	ND		mg/kg	2.00	0.361	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Lead, Total	ND		mg/kg	2.00	0.107	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Potassium, Total	ND		mg/kg	100	5.76	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Silver, Total	ND		mg/kg	0.200	0.113	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Sodium, Total	3.10	J	mg/kg	80.0	1.26	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/13/23 01:24	10/16/23 16:23	1,6010D	AMW
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/13/23 01:24	10/16/23 16:23	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 Batch: WG1839019-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/13/23 01:45	10/13/23 21:37	1,7471B	MJR

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

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: L2360344

Report Date: 10/18/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1839018-2 SRM Lot Number: D119-540								
Aluminum, Total	76		-		48-152	-		
Antimony, Total	140		-		10-190	-		
Arsenic, Total	104		-		83-117	-		
Barium, Total	99		-		82-118	-		
Beryllium, Total	102		-		83-117	-		
Cadmium, Total	95		-		82-117	-		
Calcium, Total	100		-		81-118	-		
Chromium, Total	104		-		82-119	-		
Cobalt, Total	103		-		83-117	-		
Copper, Total	97		-		84-116	-		
Iron, Total	98		-		60-140	-		
Lead, Total	103		-		82-118	-		
Magnesium, Total	96		-		76-124	-		
Manganese, Total	98		-		82-118	-		
Nickel, Total	103		-		82-117	-		
Potassium, Total	89		-		70-130	-		
Selenium, Total	110		-		79-121	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	105		-		74-126	-		
Thallium, Total	99		-		81-119	-		
Vanadium, Total	101		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2360344

Report Date: 10/18/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1839018-2 SRM Lot Number: D119-540					
Zinc, Total	107	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1839019-2 SRM Lot Number: D119-540					
Mercury, Total	104	-	73-127	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

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: WG1839018-3 QC Sample: L2358271-02 Client ID: MS Sample												
Aluminum, Total	3490	175	4020	**302**	Q	-	-		75-125	-		20
Antimony, Total	1.01J	43.8	45.3	103		-	-		75-125	-		20
Arsenic, Total	61.6	10.5	44.9	**0**	Q	-	-		75-125	-		20
Barium, Total	214	175	306	**52**	Q	-	-		75-125	-		20
Beryllium, Total	0.258J	4.38	4.87	111		-	-		75-125	-		20
Cadmium, Total	0.159J	4.64	4.73	102		-	-		75-125	-		20
Calcium, Total	18500	876	20800	**263**	Q	-	-		75-125	-		20
Chromium, Total	14.1	17.5	27.3	75		-	-		75-125	-		20
Cobalt, Total	4.21	43.8	47.3	98		-	-		75-125	-		20
Copper, Total	80.0	21.9	84.5	**20**	Q	-	-		75-125	-		20
Iron, Total	8360	87.6	10300	**2220**	Q	-	-		75-125	-		20
Lead, Total	491	46.4	392	**0**	Q	-	-		75-125	-		20
Magnesium, Total	1150	876	2280	**129**	Q	-	-		75-125	-		20
Manganese, Total	180	43.8	225	103		-	-		75-125	-		20
Nickel, Total	9.41	43.8	52.3	98		-	-		75-125	-		20
Potassium, Total	698	876	1630	106		-	-		75-125	-		20
Selenium, Total	0.741J	10.5	11.8	112		-	-		75-125	-		20
Silver, Total	ND	4.38	4.90	112		-	-		75-125	-		20
Sodium, Total	300	876	1170	99		-	-		75-125	-		20
Thallium, Total	0.285J	10.5	9.54	91		-	-		75-125	-		20
Vanadium, Total	17.6	43.8	58.0	92		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

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: WG1839018-3 QC Sample: L2358271-02 Client ID: MS Sample										
Zinc, Total	130	43.8	291	**368**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1839019-3 QC Sample: L2200086-05 Client ID: MS Sample										
Mercury, Total	3.40	1.37	2.17	**0**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1839018-4 QC Sample: L2358271-02 Client ID: DUP Sample						
Aluminum, Total	3490	1880	mg/kg	**60**	Q	20
Antimony, Total	1.01J	0.793J	mg/kg	NC		20
Arsenic, Total	61.6	33.0	mg/kg	**60**	Q	20
Barium, Total	214	129	mg/kg	**50**	Q	20
Beryllium, Total	0.258J	0.140J	mg/kg	NC		20
Cadmium, Total	0.159J	ND	mg/kg	NC		20
Calcium, Total	18500	10600	mg/kg	**54**	Q	20
Chromium, Total	14.1	7.64	mg/kg	**59**	Q	20
Cobalt, Total	4.21	2.06	mg/kg	**69**	Q	20
Copper, Total	80.0	34.5	mg/kg	**79**	Q	20
Iron, Total	8360	7260	mg/kg	14		20
Lead, Total	491	271	mg/kg	**58**	Q	20
Magnesium, Total	1150	643	mg/kg	**57**	Q	20
Manganese, Total	180	94.4	mg/kg	**62**	Q	20
Nickel, Total	9.41	5.49	mg/kg	**53**	Q	20
Potassium, Total	698	364	mg/kg	**63**	Q	20
Selenium, Total	0.741J	0.612J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	300	145J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1839018-4 QC Sample: L2358271-02 Client ID: DUP Sample						
Thallium, Total	0.285J	ND	mg/kg	NC		20
Vanadium, Total	17.6	9.26	mg/kg	**62**	Q	20
Zinc, Total	130	67.7	mg/kg	**63**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1839019-4 QC Sample: L2200086-05 Client ID: DUP Sample						
Mercury, Total	3.40	0.415	mg/kg	**156**	Q	20

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2360344
Report Date: 10/18/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1839018-6 QC Sample: L2358271-02 Client ID: DUP Sample						
Aluminum, Total	3490	3520	mg/kg	1		20
Arsenic, Total	61.6	58.2	mg/kg	6		20
Barium, Total	214	204	mg/kg	5		20
Calcium, Total	18500	19900	mg/kg	8		20
Copper, Total	80.0	80.6	mg/kg	1		20
Iron, Total	8360	9270	mg/kg	11		20
Lead, Total	491	485	mg/kg	1		20
Magnesium, Total	1150	1210	mg/kg	5		20
Manganese, Total	180	193	mg/kg	7		20
Zinc, Total	130	139	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

SAMPLE RESULTS

Lab ID: L2360344-01
Client ID: SB-303 (3-3.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/11/23 12:00
Date Received: 10/11/23
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	-	10/12/23 11:33	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	10/14/23 09:20	10/16/23 17:59	1,9010C/9012B	JER

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

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: WG1839696-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	10/14/23 09:20	10/16/23 17:50	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2360344

Report Date: 10/18/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1839696-2 WG1839696-3								
Cyanide, Total	87		83		80-120	4		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587
Lab Number: L2360344
Report Date: 10/18/23

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: WG1839696-4 WG1839696-5 QC Sample: L2360891-01 Client ID: MS Sample												
Cyanide, Total	ND	12	13	110		12	100		75-125	8		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST.

Project Number: 12587

Lab Number: L2360344

Report Date: 10/18/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1838856-1 QC Sample: L2359957-03 Client ID: DUP Sample						
Solids, Total	24.2	25.1	%	4		20

Project Name: 466 MAIN ST.
Project Number: 12587

Lab Number: L2360344
Report Date: 10/18/23

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(*)
L2360344-01A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2360344-01B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2360344-01C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2360344-01D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2360344-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2360344-01F	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2360344-01X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2360344-01Y	Vial Water preserved split	A	NA		3.6	Y	Absent	12-OCT-23 13:07	NYTCL-8260HLW(14)
L2360344-01Z	Vial Water preserved split	A	NA		3.6	Y	Absent	12-OCT-23 13:07	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	466 MAIN ST.	**Lab Number:**	L2360344
Project Number:	12587	**Report Date:**	10/18/23

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:**	L2360344
Project Number:	12587	**Report Date:**	10/18/23

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:**	L2360344
Project Number:	12587	**Report Date:**	10/18/23

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:**	L2360344
Project Number:	12587	**Report Date:**	10/18/23

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.

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

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

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

Page 1 of 1

Date Rec'd in Lab: 10/12/23

ALPHA Job #: L2360344

Client Information

Client: SESI
Address: 959 US 46 E
Parsippany NJ
Phone: 9738084058
Fax:
Email: chris.malvicini@ses.com

Project Information

Project Name: 4166 Main St
Project Location: New Rochelle, NY
Project #: 12587
(Use Project name as Project #) ☐
Project Manager: James VanderVliet
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

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

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
60344-01	SB-303(3-3.5)	10/11/23	1200	Soil	TAJ	

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
	10/11/23	William Bumpt (AAL)	10/11/23 18:00
William Bumpt (AAL)	10/11/23 1900		10/11/23 19:15
	10/11/23	AAL	10/11 22:00
AAL	10/12 00:45		10/12/23 0045

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:	L2360711
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: L2360711
Report Date: 11/02/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2360711-01	SB-304 (2.5-3)	SOIL	NEW ROCHELLE, NY	10/12/23 15:15	10/12/23

Project Name:	466 MAIN ST	**Lab Number:**	L2360711
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	**Lab Number:**	L2360711
Project Number:	12587	**Report Date:**	11/02/23

Case Narrative (continued)

Report Submission

November 02, 2023: This final report includes the results of all requested analyses.

October 19, 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.

Total Metals

L2360711-01: 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: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/12/23 15:15
Date Received: 10/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/23 14:44
Analyst: MKS
Percent Solids: 84%

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	4.4	0.76	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	4.4	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	4.4	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:** L2360711

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01 Date Collected: 10/12/23 15:15

Client ID: SB-304 (2.5-3) Date Received: 10/12/23

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	0.54	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	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	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	2.3	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	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/12/23 15:15
Date Received: 10/12/23
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	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	3.92	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.92	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/23 12:48
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1841893-5					
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: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/23 12:48
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1841893-5					
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: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/23 12:48
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1841893-5					
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	6.74	J	ug/kg
Unknown	2.22	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	4.52	NJ	ug/kg

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/23 12:48
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1841893-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1841893-3 WG1841893-4								
Methylene chloride	80		82		70-130	2		30
1,1-Dichloroethane	78		80		70-130	3		30
Chloroform	91		93		70-130	2		30
Carbon tetrachloride	96		98		70-130	2		30
1,2-Dichloropropane	77		79		70-130	3		30
Dibromochloromethane	111		117		70-130	5		30
1,1,2-Trichloroethane	91		95		70-130	4		30
Tetrachloroethene	113		116		70-130	3		30
Chlorobenzene	92		95		70-130	3		30
Trichlorofluoromethane	95		96		70-139	1		30
1,2-Dichloroethane	96		97		70-130	1		30
1,1,1-Trichloroethane	99		101		70-130	2		30
Bromodichloromethane	99		102		70-130	3		30
trans-1,3-Dichloropropene	100		105		70-130	5		30
cis-1,3-Dichloropropene	97		98		70-130	1		30
1,1-Dichloropropene	87		89		70-130	2		30
Bromoform	117		125		70-130	7		30
1,1,2,2-Tetrachloroethane	92		99		70-130	7		30
Benzene	81		83		70-130	2		30
Toluene	78		81		70-130	4		30
Ethylbenzene	86		88		70-130	2		30
Chloromethane	55		86		52-130	**44**	Q	30
Bromomethane	90		89		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1841893-3 WG1841893-4								
Vinyl chloride	**66**	Q	100		67-130	**41**	Q	30
Chloroethane	72		72		50-151	0		30
1,1-Dichloroethene	85		87		65-135	2		30
trans-1,2-Dichloroethene	86		88		70-130	2		30
Trichloroethene	91		93		70-130	2		30
1,2-Dichlorobenzene	97		103		70-130	6		30
1,3-Dichlorobenzene	96		101		70-130	5		30
1,4-Dichlorobenzene	96		101		70-130	5		30
Methyl tert butyl ether	97		99		66-130	2		30
p/m-Xylene	85		88		70-130	3		30
o-Xylene	90		93		70-130	3		30
cis-1,2-Dichloroethene	86		88		70-130	2		30
Dibromomethane	98		100		70-130	2		30
Styrene	90		94		70-130	4		30
Dichlorodifluoromethane	69		70		30-146	1		30
Acetone	108		112		54-140	4		30
Carbon disulfide	71		72		59-130	1		30
2-Butanone	92		97		70-130	5		30
Vinyl acetate	76		79		70-130	4		30
4-Methyl-2-pentanone	91		96		70-130	5		30
1,2,3-Trichloropropane	95		102		68-130	7		30
2-Hexanone	90		96		70-130	6		30
Bromochloromethane	102		103		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1841893-3 WG1841893-4								
2,2-Dichloropropane	95		98		70-130	3		30
1,2-Dibromoethane	107		112		70-130	5		30
1,3-Dichloropropane	91		94		69-130	3		30
1,1,1,2-Tetrachloroethane	103		107		70-130	4		30
Bromobenzene	98		104		70-130	6		30
n-Butylbenzene	86		91		70-130	6		30
sec-Butylbenzene	87		92		70-130	6		30
tert-Butylbenzene	91		96		70-130	5		30
o-Chlorotoluene	84		89		70-130	6		30
p-Chlorotoluene	86		91		70-130	6		30
1,2-Dibromo-3-chloropropane	106		116		68-130	9		30
Hexachlorobutadiene	109		115		67-130	5		30
Isopropylbenzene	87		92		70-130	6		30
p-Isopropyltoluene	92		98		70-130	6		30
Naphthalene	118		128		70-130	8		30
Acrylonitrile	89		93		70-130	4		30
n-Propylbenzene	85		89		70-130	5		30
1,2,3-Trichlorobenzene	120		129		70-130	7		30
1,2,4-Trichlorobenzene	113		121		70-130	7		30
1,3,5-Trimethylbenzene	89		93		70-130	4		30
1,2,4-Trimethylbenzene	90		95		70-130	5		30
1,4-Dioxane	118		120		65-136	2		30
p-Diethylbenzene	90		95		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

Report Date: 11/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1841893-3 WG1841893-4								
p-Ethyltoluene	87		92		70-130	6		30
1,2,4,5-Tetramethylbenzene	99		104		70-130	5		30
Ethyl ether	86		89		67-130	3		30
trans-1,4-Dichloro-2-butene	90		97		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	93		96		70-130
Dibromofluoromethane	104		102		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/12/23 15:15
Date Received: 10/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/17/23 08:56
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/14/23 09:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	30	J	ug/kg	150	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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	600		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	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	24.	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	78	J	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:** L2360711

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01 Date Collected: 10/12/23 15:15

Client ID: SB-304 (2.5-3) Date Received: 10/12/23

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	310		ug/kg	120	22.	1
Benzo(a)pyrene	320		ug/kg	150	47.	1
Benzo(b)fluoranthene	390		ug/kg	120	32.	1
Benzo(k)fluoranthene	150		ug/kg	120	31.	1
Chrysene	280		ug/kg	120	20.	1
Acenaphthylene	31	J	ug/kg	150	30.	1
Anthracene	78	J	ug/kg	120	38.	1
Benzo(ghi)perylene	170		ug/kg	150	23.	1
Fluorene	27	J	ug/kg	190	19.	1
Phenanthrene	330		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	44	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	150	27.	1
Pyrene	480		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	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: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/12/23 15:15
Date Received: 10/12/23
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	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	45	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	1020	J	ug/kg			1
Unknown Alcohol	204	J	ug/kg			1
Unknown	326	J	ug/kg			1
Unknown	275	J	ug/kg			1
Unknown PAH	219	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	46		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	34		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/12/23 15:15
Date Received: 10/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 10/31/23 11:35
Analyst: AC
Percent Solids: 84%

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)	0.102	J	ng/g	0.807	0.051	1
Perfluoropentanoic Acid (PFPeA)	0.199	J	ng/g	0.404	0.057	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.202	0.044	1
Perfluorohexanoic Acid (PFHxA)	0.122	J	ng/g	0.202	0.047	1
Perfluoroheptanoic Acid (PFHpA)	0.071	J	ng/g	0.202	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.202	0.060	1
Perfluorooctanoic Acid (PFOA)	0.274		ng/g	0.202	0.053	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.807	0.282	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.202	0.037	1
Perfluorononanoic Acid (PFNA)	0.273		ng/g	0.202	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	0.920		ng/g	0.202	0.080	1
Perfluorodecanoic Acid (PFDA)	0.099	J	ng/g	0.202	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.807	0.391	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.202	0.101	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.202	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.202	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.202	0.044	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.202	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.202	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.202	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.202	0.107	1
PFOA/PFOS, Total	1.19		ng/g	0.202	0.053	1

Project Name: 466 MAIN ST **Lab Number:** L2360711

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01 Date Collected: 10/12/23 15:15

Client ID: SB-304 (2.5-3) Date Received: 10/12/23

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)	77		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		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)	79		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)	81		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	73		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		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)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	123		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	58		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		20-150

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/15/23 16:24
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/14/23 09:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1839736-1					
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: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/15/23 16:24
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/14/23 09:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1839736-1					
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: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/15/23 16:24
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/14/23 09:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1839736-1					
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	7.6

Tentatively Identified Compounds			
Total TIC Compounds	316	J	ug/kg
Unknown	152	J	ug/kg
Unknown	164	J	ug/kg

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/15/23 16:24
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/14/23 09:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1839736-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	80		18-120

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
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: L2360711
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: L2360711
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: WG1839736-2 WG1839736-3								
Acenaphthene	57		61		31-137	7		50
1,2,4-Trichlorobenzene	56		61		38-107	9		50
Hexachlorobenzene	51		56		40-140	9		50
Bis(2-chloroethyl)ether	57		62		40-140	8		50
2-Chloronaphthalene	58		61		40-140	5		50
1,2-Dichlorobenzene	55		59		40-140	7		50
1,3-Dichlorobenzene	55		58		40-140	5		50
1,4-Dichlorobenzene	55		58		28-104	5		50
3,3'-Dichlorobenzidine	49		54		40-140	10		50
2,4-Dinitrotoluene	60		65		40-132	8		50
2,6-Dinitrotoluene	61		65		40-140	6		50
Fluoranthene	61		66		40-140	8		50
4-Chlorophenyl phenyl ether	61		66		40-140	8		50
4-Bromophenyl phenyl ether	58		61		40-140	5		50
Bis(2-chloroisopropyl)ether	61		64		40-140	5		50
Bis(2-chloroethoxy)methane	60		64		40-117	6		50
Hexachlorobutadiene	57		59		40-140	3		50
Hexachlorocyclopentadiene	56		61		40-140	9		50
Hexachloroethane	54		56		40-140	4		50
Isophorone	60		64		40-140	6		50
Naphthalene	59		63		40-140	7		50
Nitrobenzene	63		67		40-140	6		50
NDPA/DPA	62		66		36-157	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

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: WG1839736-2 WG1839736-3								
n-Nitrosodi-n-propylamine	61		66		32-121	8		50
Bis(2-ethylhexyl)phthalate	63		69		40-140	9		50
Butyl benzyl phthalate	60		64		40-140	6		50
Di-n-butylphthalate	61		65		40-140	6		50
Di-n-octylphthalate	62		69		40-140	11		50
Diethyl phthalate	59		63		40-140	7		50
Dimethyl phthalate	60		65		40-140	8		50
Benzo(a)anthracene	61		67		40-140	9		50
Benzo(a)pyrene	62		70		40-140	12		50
Benzo(b)fluoranthene	55		65		40-140	17		50
Benzo(k)fluoranthene	63		64		40-140	2		50
Chrysene	64		67		40-140	5		50
Acenaphthylene	62		64		40-140	3		50
Anthracene	61		67		40-140	9		50
Benzo(ghi)perylene	56		61		40-140	9		50
Fluorene	60		65		40-140	8		50
Phenanthrene	60		64		40-140	6		50
Dibenzo(a,h)anthracene	58		65		40-140	11		50
Indeno(1,2,3-cd)pyrene	58		64		40-140	10		50
Pyrene	60		66		35-142	10		50
Biphenyl	60		64		37-127	6		50
4-Chloroaniline	43		46		40-140	7		50
2-Nitroaniline	60		64		47-134	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
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: WG1839736-2 WG1839736-3								
3-Nitroaniline	47		52		26-129	10		50
4-Nitroaniline	57		62		41-125	8		50
Dibenzofuran	59		64		40-140	8		50
2-Methylnaphthalene	61		64		40-140	5		50
1,2,4,5-Tetrachlorobenzene	58		61		40-117	5		50
Acetophenone	60		65		14-144	8		50
2,4,6-Trichlorophenol	59		62		30-130	5		50
p-Chloro-m-cresol	65		66		26-103	2		50
2-Chlorophenol	62		65		25-102	5		50
2,4-Dichlorophenol	63		67		30-130	6		50
2,4-Dimethylphenol	65		69		30-130	6		50
2-Nitrophenol	60		64		30-130	6		50
4-Nitrophenol	62		68		11-114	9		50
2,4-Dinitrophenol	42		47		4-130	11		50
4,6-Dinitro-o-cresol	59		64		10-130	8		50
Pentachlorophenol	47		50		17-109	6		50
Phenol	62		67		26-90	8		50
2-Methylphenol	63		67		30-130.	6		50
3-Methylphenol/4-Methylphenol	69		74		30-130	7		50
2,4,5-Trichlorophenol	61		64		30-130	5		50
Benzoic Acid	16		27		10-110	**51**	Q	50
Benzyl Alcohol	68		71		40-140	4		50
Carbazole	60		65		54-128	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
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: WG1839736-2 WG1839736-3								
1,4-Dioxane	42		43		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		65		25-120
Phenol-d6	64		68		10-120
Nitrobenzene-d5	63		67		23-120
2-Fluorobiphenyl	62		64		30-120
2,4,6-Tribromophenol	51		54		10-136
4-Terphenyl-d14	62		67		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

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: L2360711

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: L2360711
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: L2360711
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: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/12/23 15:15
Date Received: 10/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/15/23 11:28
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/14/23 11:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.0	4.80	1	A
Aroclor 1221	ND		ug/kg	54.0	5.41	1	A
Aroclor 1232	ND		ug/kg	54.0	11.4	1	A
Aroclor 1242	ND		ug/kg	54.0	7.28	1	A
Aroclor 1248	ND		ug/kg	54.0	8.10	1	A
Aroclor 1254	ND		ug/kg	54.0	5.91	1	A
Aroclor 1260	ND		ug/kg	54.0	9.98	1	B
Aroclor 1262	ND		ug/kg	54.0	6.86	1	A
Aroclor 1268	ND		ug/kg	54.0	5.59	1	A
PCBs, Total	ND		ug/kg	54.0	4.80	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/15/23 10:48
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 10/14/23 11:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1839751-1						
Aroclor 1016	ND		ug/kg	46.6	4.13	A
Aroclor 1221	ND		ug/kg	46.6	4.66	A
Aroclor 1232	ND		ug/kg	46.6	9.87	A
Aroclor 1242	ND		ug/kg	46.6	6.28	A
Aroclor 1248	ND		ug/kg	46.6	6.98	A
Aroclor 1254	ND		ug/kg	46.6	5.09	A
Aroclor 1260	ND		ug/kg	46.6	8.60	A
Aroclor 1262	ND		ug/kg	46.6	5.91	A
Aroclor 1268	ND		ug/kg	46.6	4.82	A
PCBs, Total	ND		ug/kg	46.6	4.13	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

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: WG1839751-2 WG1839751-3									
Aroclor 1016	76		78		40-140	3		50	A
Aroclor 1260	63		64		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	A
Decachlorobiphenyl	67		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		82		30-150	B
Decachlorobiphenyl	74		73		30-150	B

PESTICIDES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/12/23 15:15
Date Received: 10/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/15/23 13:30
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/14/23 07:45
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.774	0.346	1	A
Alpha-BHC	ND		ug/kg	0.774	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.705	1	A
Heptachlor	ND		ug/kg	0.929	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	ND		ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.774	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.813	1	A
Endrin ketone	ND		ug/kg	1.86	0.478	1	A
Dieldrin	ND		ug/kg	1.16	0.581	1	A
4,4'-DDE	1.64	J	ug/kg	1.86	0.430	1	B
4,4'-DDD	ND		ug/kg	1.86	0.663	1	A
4,4'-DDT	4.20		ug/kg	1.86	1.49	1	B
Endosulfan I	ND		ug/kg	1.86	0.439	1	A
Endosulfan II	ND		ug/kg	1.86	0.621	1	A
Endosulfan sulfate	ND		ug/kg	0.774	0.369	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.76	1	A
cis-Chlordane	ND		ug/kg	2.32	0.647	1	A
trans-Chlordane	ND		ug/kg	2.32	0.613	1	A
Chlordane	ND		ug/kg	15.5	6.16	1	A

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/12/23 15:15
Date Received: 10/12/23
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	74		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/15/23 14:04
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 10/14/23 07:45
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1839703-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.649	0.290	A
Alpha-BHC	ND		ug/kg	0.649	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.591	A
Heptachlor	ND		ug/kg	0.779	0.349	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.877	A
Endrin	ND		ug/kg	0.649	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.682	A
Endrin ketone	ND		ug/kg	1.56	0.401	A
Dieldrin	ND		ug/kg	0.974	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.649	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.909	A
Toxaphene	ND		ug/kg	29.2	8.18	A
cis-Chlordane	ND		ug/kg	1.95	0.543	A
trans-Chlordane	ND		ug/kg	1.95	0.514	A
Chlordane	ND		ug/kg	13.0	5.16	A

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/15/23 14:04
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 10/14/23 07:45
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1839703-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

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: WG1839703-2 WG1839703-3									
Delta-BHC	94		94		30-150	0		30	A
Lindane	88		81		30-150	8		30	A
Alpha-BHC	92		85		30-150	8		30	A
Beta-BHC	94		88		30-150	7		30	A
Heptachlor	87		81		30-150	7		30	A
Aldrin	86		78		30-150	10		30	A
Heptachlor epoxide	81		76		30-150	6		30	A
Endrin	85		78		30-150	9		30	A
Endrin aldehyde	68		68		30-150	0		30	A
Endrin ketone	82		80		30-150	2		30	A
Dieldrin	92		84		30-150	9		30	A
4,4'-DDE	86		79		30-150	8		30	A
4,4'-DDD	92		84		30-150	9		30	A
4,4'-DDT	84		76		30-150	10		30	A
Endosulfan I	84		78		30-150	7		30	A
Endosulfan II	83		75		30-150	10		30	A
Endosulfan sulfate	79		74		30-150	7		30	A
Methoxychlor	83		77		30-150	8		30	A
cis-Chlordane	79		69		30-150	14		30	A
trans-Chlordane	75		72		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

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: WG1839703-2 WG1839703-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		76		30-150	A
Decachlorobiphenyl	75		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		90		30-150	B
Decachlorobiphenyl	79		75		30-150	B

METALS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/12/23 15:15
Date Received: 10/12/23
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	15700		mg/kg	9.28	2.50	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Antimony, Total	0.472	J	mg/kg	4.64	0.352	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Arsenic, Total	9.98		mg/kg	0.928	0.193	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Barium, Total	132		mg/kg	0.928	0.161	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.534		mg/kg	0.464	0.031	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.193	J	mg/kg	0.928	0.091	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Calcium, Total	3750		mg/kg	9.28	3.25	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Chromium, Total	37.9		mg/kg	0.928	0.089	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Cobalt, Total	10.5		mg/kg	1.86	0.154	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Copper, Total	28.8		mg/kg	0.928	0.239	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Iron, Total	22000		mg/kg	4.64	0.838	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Lead, Total	102		mg/kg	4.64	0.249	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Magnesium, Total	6440		mg/kg	9.28	1.43	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Manganese, Total	399		mg/kg	0.928	0.148	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Mercury, Total	0.086		mg/kg	0.076	0.050	1	10/17/23 10:10	10/17/23 19:15	EPA 7471B	1,7471B	MJR
Nickel, Total	30.2		mg/kg	2.32	0.224	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Potassium, Total	5280		mg/kg	232	13.4	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.86	0.239	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.464	0.262	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Sodium, Total	99.4	J	mg/kg	186	2.92	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Thallium, Total	1.57	J	mg/kg	1.86	0.292	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Vanadium, Total	39.9		mg/kg	0.928	0.188	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF
Zinc, Total	93.5		mg/kg	4.64	0.272	2	10/17/23 09:30	10/18/23 09:52	EPA 3050B	1,6010D	JMF

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
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: WG1839414-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Antimony, Total	0.302	J	mg/kg	2.00	0.152	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Iron, Total	ND		mg/kg	2.00	0.361	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/17/23 09:30	10/18/23 08:08	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/17/23 09:30	10/18/23 08:08	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 Batch: WG1839416-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/17/23 10:10	10/17/23 18:12	1,7471B	MJR

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
Report Date: 11/02/23

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: L2360711

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: WG1839414-2 SRM Lot Number: D119-540								
Aluminum, Total	80		-		48-152	-		
Antimony, Total	160		-		10-190	-		
Arsenic, Total	104		-		83-117	-		
Barium, Total	101		-		82-118	-		
Beryllium, Total	105		-		83-117	-		
Cadmium, Total	96		-		82-117	-		
Calcium, Total	98		-		81-118	-		
Chromium, Total	101		-		82-119	-		
Cobalt, Total	100		-		83-117	-		
Copper, Total	96		-		84-116	-		
Iron, Total	105		-		60-140	-		
Lead, Total	104		-		82-118	-		
Magnesium, Total	93		-		76-124	-		
Manganese, Total	103		-		82-118	-		
Nickel, Total	100		-		82-117	-		
Potassium, Total	91		-		70-130	-		
Selenium, Total	108		-		79-121	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	107		-		74-126	-		
Thallium, Total	101		-		81-119	-		
Vanadium, Total	98		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

Report Date: 11/02/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1839414-2 SRM Lot Number: D119-540					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1839416-2 SRM Lot Number: D119-540					
Mercury, Total	92	-	73-127	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
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: WG1839414-3 WG1839414-4 QC Sample: L2360652-10 Client ID: MS Sample												
Aluminum, Total	18700	167	18700	**0**	Q	18700	**0**	Q	75-125	0		20
Antimony, Total	ND	41.7	21.9	**52**	Q	23.9	**57**	Q	75-125	9		20
Arsenic, Total	3.15	10	9.69	**65**	Q	9.68	**65**	Q	75-125	0		20
Barium, Total	175	167	319	86		324	89		75-125	2		20
Beryllium, Total	1.53	4.17	5.16	87		5.05	84		75-125	2		20
Cadmium, Total	3.40	4.42	7.19	86		6.51	**70**	Q	75-125	10		20
Calcium, Total	184000	833	160000	**0**	Q	172000	**0**	Q	75-125	7		20
Chromium, Total	575	16.7	567	**0**	Q	513	**0**	Q	75-125	10		20
Cobalt, Total	1.61J	41.7	31.8	76		30.8	**74**	Q	75-125	3		20
Copper, Total	25.1	20.8	43.0	86		43.1	86		75-125	0		20
Iron, Total	121000	83.3	106000	**0**	Q	107000	**0**	Q	75-125	1		20
Lead, Total	23.7	44.2	44.1	**46**	Q	45.3	**49**	Q	75-125	3		20
Magnesium, Total	34600	833	34000	**0**	Q	32000	**0**	Q	75-125	6		20
Manganese, Total	16000	41.7	13500	**0**	Q	14700	**0**	Q	75-125	9		20
Nickel, Total	16.3	41.7	47.7	75		43.8	**66**	Q	75-125	9		20
Potassium, Total	955	833	1740	94		1800	101		75-125	3		20
Selenium, Total	ND	10	6.28	**63**	Q	6.40	**64**	Q	75-125	2		20
Silver, Total	1.33	4.17	5.68	104		5.89	109		75-125	4		20
Sodium, Total	1350	833	2150	96		2190	100		75-125	2		20
Thallium, Total	ND	10	4.94	**49**	Q	5.08	**51**	Q	75-125	3		20
Vanadium, Total	420	41.7	434	**34**	Q	400	**0**	Q	75-125	8		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
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: WG1839414-3 WG1839414-4 QC Sample: L2360652-10 Client ID: MS Sample											
Zinc, Total	7580	41.7	8230	**1560**	Q	7800	**526**	Q	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1839416-3 WG1839416-4 QC Sample: L2360652-10 Client ID: MS Sample											
Mercury, Total	0.061J	1.39	1.35	97		1.33	96		80-120	1	20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2360711
Report Date: 11/02/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1839414-6 QC Sample: L2360652-10 Client ID: DUP Sample						
Aluminum, Total	18700	18500	mg/kg	1		20
Barium, Total	175	181	mg/kg	3		20
Chromium, Total	575	646	mg/kg	12		20
Copper, Total	25.1	26.0	mg/kg	4		20
Magnesium, Total	34600	39700	mg/kg	15		20
Vanadium, Total	420	452	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1839414-6 QC Sample: L2360652-10 Client ID: DUP Sample						
Calcium, Total	184000	191000	mg/kg	4		20
Iron, Total	121000	128000	mg/kg	6		20
Manganese, Total	16000	16800	mg/kg	5		20
Zinc, Total	7580	8070	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2360711-01
Client ID: SB-304 (2.5-3)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/12/23 15:15
Date Received: 10/12/23
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	84.4		%	0.100	NA	1	-	10/13/23 10:40	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/18/23 14:30	10/18/23 17:29	1,9010C/9012B	JER

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
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: WG1841259-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	10/18/23 14:30	10/18/23 17:21	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

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: WG1841259-2 WG1841259-3								
Cyanide, Total	93		92		80-120	5		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
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: WG1841259-4 WG1841259-5 QC Sample: L2361088-05 Client ID: MS Sample												
Cyanide, Total	0.35J	10	10	92		11	98		75-125	10		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2360711

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: WG1839363-1 QC Sample: L2360686-04 Client ID: DUP Sample						
Solids, Total	81.4	81.7	%	0		20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2360711
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(*)
L2360711-01A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2360711-01B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2360711-01C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2360711-01D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2360711-01E	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2360711-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2360711-01G	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2360711-01H	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2360711-01X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2360711-01Y	Vial Water preserved split	A	NA		2.8	Y	Absent	13-OCT-23 10:02	NYTCL-8260HLW(14)
L2360711-01Z	Vial Water preserved split	A	NA		2.8	Y	Absent	13-OCT-23 10:02	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2360711
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: L2360711
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:**	L2360711
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:**	L2360711
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:**	L2360711
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:**	L2360711
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

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

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

Page 1 of 1

Date Rec'd in Lab: 10/13/23

ALPHA Job #: L2360711

Client Information

Client: [illegible]
Address: 959 US 46 E Parsippany NJ
Phone: 9738058055
Fax:
Email: chris.valluni@essiors

Project Information

Project Name: 4166 Main St
Project Location: New Rochelle, NY
Project #: 12557
(Use Project name as Project #) ☐
Project Manager: James VanderVliet
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

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

TCL+20 TAL
PFAS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
60711 -01	SB304(2.5-3)	10/12/23	1515	Soil	TA	

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]	10/12/23 1730	[illegible] AAL	10/12/23 1730
MSMA(AN)	10/12/23 1805	MSMA(AN)	10/12 1830
MSMA(AN)	10/13 01:20	[illegible]	10/12 22:40
			10/13/23 0120

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:	L2361112
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	466 MAIN
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
Project Number: 12587

Lab Number: L2361112
Report Date: 11/02/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2361112-01	SB-305 (2-2.5)	SOIL	NEW ROCHELLE, NY	10/13/23 10:00	10/13/23

Project Name:	466 MAIN	**Lab Number:**	L2361112
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
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Case Narrative (continued)

Report Submission

November 02, 2023: This final report includes the results of all requested analyses.

October 20, 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 WG1839994-2 LCS recovery, associated with L2361112-01, is below the acceptance criteria for benzoic acid (6%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2361112-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1841461-2 LCS recovery for cyanide, total (67%), associated with L2361112-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 11/02/23

ORGANICS

VOLATILES

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01
Client ID: SB-305 (2-2.5)
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/13/23 10:00
Date Received: 10/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/19/23 09:39
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	7.8	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.78	0.31	1
Chlorobenzene	ND		ug/kg	0.78	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.26	1
Bromodichloromethane	ND		ug/kg	0.78	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.78	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.78	0.25	1
Bromoform	ND		ug/kg	6.3	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.26	1
Benzene	ND		ug/kg	0.78	0.26	1
Toluene	ND		ug/kg	1.6	0.85	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.5	1
Bromomethane	ND		ug/kg	3.1	0.91	1
Vinyl chloride	ND		ug/kg	1.6	0.52	1
Chloroethane	ND		ug/kg	3.1	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: 466 MAIN **Lab Number:** L2361112

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01 Date Collected: 10/13/23 10:00

Client ID: SB-305 (2-2.5) Date Received: 10/13/23

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	0.78	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.32	1
p/m-Xylene	ND		ug/kg	3.1	0.88	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	14	J	ug/kg	16	7.6	1
Carbon disulfide	ND		ug/kg	16	7.1	1
2-Butanone	ND		ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.78	0.21	1
Bromobenzene	ND		ug/kg	3.1	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.30	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.26	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.3	1.0	1
Acrylonitrile	ND		ug/kg	6.3	1.8	1

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01
Client ID: SB-305 (2-2.5)
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/13/23 10:00
Date Received: 10/13/23
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	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.52	1
1,4-Dioxane	ND		ug/kg	120	55.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.28	1
p-Ethyltoluene	ND		ug/kg	3.1	0.60	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.30	1
Ethyl ether	ND		ug/kg	3.1	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.8	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	4.50	J	ug/kg			1
Unknown	4.50	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	92		70-130

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/23 09:03
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1842043-5					
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
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/23 09:03
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1842043-5					
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
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/23 09:03
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1842043-5					
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
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/23 09:03
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1842043-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	89		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

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: WG1842043-3 WG1842043-4								
Methylene chloride	82		81		70-130	1		30
1,1-Dichloroethane	84		83		70-130	1		30
Chloroform	82		81		70-130	1		30
Carbon tetrachloride	78		78		70-130	0		30
1,2-Dichloropropane	88		88		70-130	0		30
Dibromochloromethane	91		90		70-130	1		30
1,1,2-Trichloroethane	95		93		70-130	2		30
Tetrachloroethene	92		92		70-130	0		30
Chlorobenzene	91		90		70-130	1		30
Trichlorofluoromethane	71		70		70-139	1		30
1,2-Dichloroethane	88		86		70-130	2		30
1,1,1-Trichloroethane	82		81		70-130	1		30
Bromodichloromethane	86		84		70-130	2		30
trans-1,3-Dichloropropene	100		99		70-130	1		30
cis-1,3-Dichloropropene	81		80		70-130	1		30
1,1-Dichloropropene	87		86		70-130	1		30
Bromoform	80		78		70-130	3		30
1,1,2,2-Tetrachloroethane	97		86		70-130	12		30
Benzene	85		84		70-130	1		30
Toluene	88		88		70-130	0		30
Ethylbenzene	91		91		70-130	0		30
Chloromethane	63		62		52-130	2		30
Bromomethane	66		64		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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: WG1842043-3 WG1842043-4								
Vinyl chloride	**64**	Q	**64**	Q	67-130	0		30
Chloroethane	65		65		50-151	0		30
1,1-Dichloroethene	78		78		65-135	0		30
trans-1,2-Dichloroethene	81		80		70-130	1		30
Trichloroethene	82		88		70-130	7		30
1,2-Dichlorobenzene	91		91		70-130	0		30
1,3-Dichlorobenzene	93		93		70-130	0		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	87		85		66-130	2		30
p/m-Xylene	92		92		70-130	0		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	83		85		70-130	2		30
Dibromomethane	83		83		70-130	0		30
Styrene	93		92		70-130	1		30
Dichlorodifluoromethane	56		55		30-146	2		30
Acetone	75		70		54-140	7		30
Carbon disulfide	72		72		59-130	0		30
2-Butanone	**64**	Q	**60**	Q	70-130	6		30
Vinyl acetate	84		**60**	Q	70-130	**33**	Q	30
4-Methyl-2-pentanone	89		85		70-130	5		30
1,2,3-Trichloropropane	92		89		68-130	3		30
2-Hexanone	78		75		70-130	4		30
Bromochloromethane	83		82		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

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: WG1842043-3 WG1842043-4								
2,2-Dichloropropane	85		83		70-130	2		30
1,2-Dibromoethane	89		87		70-130	2		30
1,3-Dichloropropane	97		95		69-130	2		30
1,1,1,2-Tetrachloroethane	91		90		70-130	1		30
Bromobenzene	91		90		70-130	1		30
n-Butylbenzene	97		98		70-130	1		30
sec-Butylbenzene	93		93		70-130	0		30
tert-Butylbenzene	92		92		70-130	0		30
o-Chlorotoluene	93		92		70-130	1		30
p-Chlorotoluene	95		94		70-130	1		30
1,2-Dibromo-3-chloropropane	75		74		68-130	1		30
Hexachlorobutadiene	98		100		67-130	2		30
Isopropylbenzene	94		94		70-130	0		30
p-Isopropyltoluene	95		94		70-130	1		30
Naphthalene	92		91		70-130	1		30
Acrylonitrile	78		74		70-130	5		30
n-Propylbenzene	95		95		70-130	0		30
1,2,3-Trichlorobenzene	100		99		70-130	1		30
1,2,4-Trichlorobenzene	104		104		70-130	0		30
1,3,5-Trimethylbenzene	93		93		70-130	0		30
1,2,4-Trimethylbenzene	95		94		70-130	1		30
1,4-Dioxane	86		82		65-136	5		30
p-Diethylbenzene	95		94		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

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: WG1842043-3 WG1842043-4								
p-Ethyltoluene	95		95		70-130	0		30
1,2,4,5-Tetramethylbenzene	97		96		70-130	1		30
Ethyl ether	85		81		67-130	5		30
trans-1,4-Dichloro-2-butene	103		98		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		92		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	113		114		70-130
Dibromofluoromethane	91		90		70-130

SEMIVOLATILES

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01
Client ID: SB-305 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/13/23 10:00
Date Received: 10/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/17/23 11:40
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/16/23 01:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	310		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	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	4200		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	76	J	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	83	J	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 **Lab Number:** L2361112

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01 Date Collected: 10/13/23 10:00

Client ID: SB-305 (2-2.5) Date Received: 10/13/23

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	2300		ug/kg	110	21.	1
Benzo(a)pyrene	2200		ug/kg	150	45.	1
Benzo(b)fluoranthene	2800		ug/kg	110	31.	1
Benzo(k)fluoranthene	920		ug/kg	110	29.	1
Chrysene	2000		ug/kg	110	19.	1
Acenaphthylene	92	J	ug/kg	150	28.	1
Anthracene	640		ug/kg	110	36.	1
Benzo(ghi)perylene	1100		ug/kg	150	22.	1
Fluorene	220		ug/kg	180	18.	1
Phenanthrene	2300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	290		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1300		ug/kg	150	26.	1
Pyrene	3400		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	97	J	ug/kg	180	17.	1
2-Methylnaphthalene	34	J	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	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	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
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01
Client ID: SB-305 (2-2.5)
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/13/23 10:00
Date Received: 10/13/23
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	230		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	4540	J	ug/kg			1
Unknown	217	J	ug/kg			1
Unknown PAH	324	J	ug/kg			1
Unknown PAH	452	J	ug/kg			1
Unknown PAH	970	J	ug/kg			1
Unknown PAH	164	J	ug/kg			1
Unknown PAH	191	J	ug/kg			1
Unknown PAH	268	J	ug/kg			1
Unknown	241	J	ug/kg			1
Unknown	407	J	ug/kg			1
Unknown Ketone	196	J	ug/kg			1
Unknown	224	J	ug/kg			1
Unknown PAH	371	J	ug/kg			1
Unknown Thiophene	169	J	ug/kg			1
Unknown PAH	165	J	ug/kg			1
Unknown PAH	184	J	ug/kg			1

Project Name: 466 MAIN **Lab Number:** L2361112

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01 Date Collected: 10/13/23 10:00

Client ID: SB-305 (2-2.5) Date Received: 10/13/23

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	52		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	52		18-120

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01
Client ID: SB-305 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/13/23 10:00
Date Received: 10/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 10/31/23 14:25
Analyst: AC
Percent Solids: 91%

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	0.814	0.051	1
Perfluoropentanoic Acid (PFPeA)	0.126	J	ng/g	0.407	0.057	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.203	0.044	1
Perfluorohexanoic Acid (PFHxA)	0.092	J	ng/g	0.203	0.047	1
Perfluoroheptanoic Acid (PFHpA)	0.039	J	ng/g	0.203	0.024	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.203	0.060	1
Perfluorooctanoic Acid (PFOA)	0.101	J	ng/g	0.203	0.053	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.814	0.285	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.203	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.203	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	0.560		ng/g	0.203	0.081	1
Perfluorodecanoic Acid (PFDA)	0.088	J	ng/g	0.203	0.077	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.814	0.394	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.203	0.102	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.203	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	0.042	J	ng/g	0.203	0.033	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.203	0.044	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.203	0.084	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.203	0.042	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.203	0.054	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.203	0.108	1
PFOA/PFOS, Total	0.661	J	ng/g	0.203	0.053	1

Project Name: 466 MAIN **Lab Number:** L2361112

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01 Date Collected: 10/13/23 10:00

Client ID: SB-305 (2-2.5) Date Received: 10/13/23

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)	78		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	99		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	68		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		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)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	122		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81		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)	63		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	58		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54		20-150

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/19/23 16:21
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 10/15/23 19:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1839994-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	18.
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	28.
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	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/19/23 16:21
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 10/15/23 19:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1839994-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
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	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
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
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/19/23 16:21
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 10/15/23 19:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1839994-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
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	57		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	70		18-120

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
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
Project Number: 12587
Lab Number: L2361112
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

Project Number: 12587

Lab Number: L2361112

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: WG1839994-2 WG1839994-3								
Acenaphthene	38		51		31-137	29		50
1,2,4-Trichlorobenzene	42		57		38-107	30		50
Hexachlorobenzene	49		64		40-140	27		50
Bis(2-chloroethyl)ether	**38**	Q	50		40-140	27		50
2-Chloronaphthalene	44		59		40-140	29		50
1,2-Dichlorobenzene	**39**	Q	52		40-140	29		50
1,3-Dichlorobenzene	**39**	Q	52		40-140	29		50
1,4-Dichlorobenzene	38		52		28-104	31		50
3,3'-Dichlorobenzidine	**32**	Q	45		40-140	34		50
2,4-Dinitrotoluene	44		60		40-132	31		50
2,6-Dinitrotoluene	49		66		40-140	30		50
Fluoranthene	44		58		40-140	27		50
4-Chlorophenyl phenyl ether	43		58		40-140	30		50
4-Bromophenyl phenyl ether	48		64		40-140	29		50
Bis(2-chloroisopropyl)ether	**33**	Q	44		40-140	29		50
Bis(2-chloroethoxy)methane	41		54		40-117	27		50
Hexachlorobutadiene	42		56		40-140	29		50
Hexachlorocyclopentadiene	48		64		40-140	29		50
Hexachloroethane	**39**	Q	52		40-140	29		50
Isophorone	40		53		40-140	28		50
Naphthalene	40		54		40-140	30		50
Nitrobenzene	42		56		40-140	29		50
NDPA/DPA	44		58		36-157	27		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
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: WG1839994-2 WG1839994-3								
n-Nitrosodi-n-propylamine	42		56		32-121	29		50
Bis(2-ethylhexyl)phthalate	45		60		40-140	29		50
Butyl benzyl phthalate	46		61		40-140	28		50
Di-n-butylphthalate	44		59		40-140	29		50
Di-n-octylphthalate	46		61		40-140	28		50
Diethyl phthalate	44		59		40-140	29		50
Dimethyl phthalate	45		61		40-140	30		50
Benzo(a)anthracene	42		56		40-140	29		50
Benzo(a)pyrene	48		64		40-140	29		50
Benzo(b)fluoranthene	43		57		40-140	28		50
Benzo(k)fluoranthene	47		62		40-140	28		50
Chrysene	45		59		40-140	27		50
Acenaphthylene	46		62		40-140	30		50
Anthracene	43		57		40-140	28		50
Benzo(ghi)perylene	42		56		40-140	29		50
Fluorene	42		57		40-140	30		50
Phenanthrene	42		56		40-140	29		50
Dibenzo(a,h)anthracene	41		56		40-140	31		50
Indeno(1,2,3-cd)pyrene	41		56		40-140	31		50
Pyrene	44		58		35-142	27		50
Biphenyl	44		59		37-127	29		50
4-Chloroaniline	**26**	Q	**35**	Q	40-140	30		50
2-Nitroaniline	50		68		47-134	31		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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: WG1839994-2 WG1839994-3								
3-Nitroaniline	39		52		26-129	29		50
4-Nitroaniline	44		59		41-125	29		50
Dibenzofuran	42		55		40-140	27		50
2-Methylnaphthalene	59		79		40-140	29		50
1,2,4,5-Tetrachlorobenzene	47		62		40-117	28		50
Acetophenone	40		55		14-144	32		50
2,4,6-Trichlorophenol	49		66		30-130	30		50
p-Chloro-m-cresol	46		62		26-103	30		50
2-Chlorophenol	42		56		25-102	29		50
2,4-Dichlorophenol	47		63		30-130	29		50
2,4-Dimethylphenol	44		58		30-130	27		50
2-Nitrophenol	45		62		30-130	32		50
4-Nitrophenol	48		64		11-114	29		50
2,4-Dinitrophenol	34		49		4-130	36		50
4,6-Dinitro-o-cresol	41		56		10-130	31		50
Pentachlorophenol	44		61		17-109	32		50
Phenol	36		48		26-90	29		50
2-Methylphenol	41		55		30-130.	29		50
3-Methylphenol/4-Methylphenol	41		55		30-130	29		50
2,4,5-Trichlorophenol	50		67		30-130	29		50
Benzoic Acid	**6**	Q	10		10-110	47		50
Benzyl Alcohol	**36**	Q	48		40-140	29		50
Carbazole	**43**	Q	57		54-128	28		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

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: WG1839994-2 WG1839994-3								
1,4-Dioxane	**29**	Q	40		40-140	32		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	37		51		25-120
Phenol-d6	40		55		10-120
Nitrobenzene-d5	39		53		23-120
2-Fluorobiphenyl	43		58		30-120
2,4,6-Tribromophenol	48		65		10-136
4-Terphenyl-d14	44		59		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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

Project Number: 12587

Lab Number: L2361112

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
Project Number: 12587

Lab Number: L2361112
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
Project Number: 12587
Lab Number: L2361112
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
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01
Client ID: SB-305 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/13/23 10:00
Date Received: 10/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/16/23 17:55
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/15/23 09:10
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.48	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	13.0	J	ug/kg	54.6	7.37	1	B
Aroclor 1248	ND		ug/kg	54.6	8.20	1	A
Aroclor 1254	ND		ug/kg	54.6	5.98	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.94	1	A
Aroclor 1268	ND		ug/kg	54.6	5.66	1	B
PCBs, Total	13.0	J	ug/kg	54.6	4.85	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/15/23 10:48
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 10/14/23 11:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1839751-1						
Aroclor 1016	ND		ug/kg	46.6	4.13	A
Aroclor 1221	ND		ug/kg	46.6	4.66	A
Aroclor 1232	ND		ug/kg	46.6	9.87	A
Aroclor 1242	ND		ug/kg	46.6	6.28	A
Aroclor 1248	ND		ug/kg	46.6	6.98	A
Aroclor 1254	ND		ug/kg	46.6	5.09	A
Aroclor 1260	ND		ug/kg	46.6	8.60	A
Aroclor 1262	ND		ug/kg	46.6	5.91	A
Aroclor 1268	ND		ug/kg	46.6	4.82	A
PCBs, Total	ND		ug/kg	46.6	4.13	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

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: WG1839751-2 WG1839751-3									
Aroclor 1016	76		78		40-140	3		50	A
Aroclor 1260	63		64		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	A
Decachlorobiphenyl	67		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		82		30-150	B
Decachlorobiphenyl	74		73		30-150	B

PESTICIDES

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01
Client ID: SB-305 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/13/23 10:00
Date Received: 10/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/23 10:49
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/15/23 11:00
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.988	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.549	1	A
4,4'-DDE	ND		ug/kg	1.76	0.406	1	A
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.348	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	ND		ug/kg	2.20	0.612	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: 466 MAIN **Lab Number:** L2361112

Project Number: 12587 **Report Date:** 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01 Date Collected: 10/13/23 10:00

Client ID: SB-305 (2-2.5) Date Received: 10/13/23

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	56		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/23 10:05
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 10/15/23 10:59
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1839917-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.650	0.291	A
Alpha-BHC	ND		ug/kg	0.650	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.780	0.350	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.878	A
Endrin	ND		ug/kg	0.650	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.975	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.910	A
Toxaphene	ND		ug/kg	29.2	8.19	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	13.0	5.17	A

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/23 10:05
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 10/15/23 10:59
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1839917-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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: WG1839917-2 WG1839917-3									
Delta-BHC	81		97		30-150	18		30	A
Lindane	79		94		30-150	17		30	A
Alpha-BHC	77		92		30-150	18		30	A
Beta-BHC	85		94		30-150	10		30	A
Heptachlor	77		92		30-150	18		30	A
Aldrin	76		90		30-150	17		30	A
Heptachlor epoxide	60		71		30-150	17		30	A
Endrin	80		95		30-150	17		30	A
Endrin aldehyde	59		73		30-150	21		30	A
Endrin ketone	76		90		30-150	17		30	A
Dieldrin	79		93		30-150	16		30	A
4,4'-DDE	79		90		30-150	13		30	A
4,4'-DDD	78		94		30-150	19		30	A
4,4'-DDT	79		96		30-150	19		30	A
Endosulfan I	76		88		30-150	15		30	A
Endosulfan II	76		90		30-150	17		30	A
Endosulfan sulfate	72		86		30-150	18		30	A
Methoxychlor	76		89		30-150	16		30	A
cis-Chlordane	70		81		30-150	15		30	A
trans-Chlordane	81		94		30-150	15		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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: WG1839917-2 WG1839917-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		81		30-150	A
Decachlorobiphenyl	66		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		100		30-150	B
Decachlorobiphenyl	65		73		30-150	B

METALS

Project Name: 466 MAIN
Lab Number: L2361112
Project Number: 12587
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01
Client ID: SB-305 (2-2.5)
Sample Location: NEW ROCHELLE, NY
Date Collected: 10/13/23 10:00
Date Received: 10/13/23
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	7040		mg/kg	8.57	2.31	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.29	0.326	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Arsenic, Total	3.60		mg/kg	0.857	0.178	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Barium, Total	70.8		mg/kg	0.857	0.149	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.279	J	mg/kg	0.429	0.028	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.218	J	mg/kg	0.857	0.084	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Calcium, Total	48700		mg/kg	8.57	3.00	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Chromium, Total	15.4		mg/kg	0.857	0.082	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.20		mg/kg	1.71	0.142	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Copper, Total	25.2		mg/kg	0.857	0.221	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Iron, Total	12400		mg/kg	4.29	0.774	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Lead, Total	88.8		mg/kg	4.29	0.230	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Magnesium, Total	21300		mg/kg	8.57	1.32	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Manganese, Total	260		mg/kg	0.857	0.136	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Mercury, Total	0.168		mg/kg	0.074	0.048	1	10/17/23 23:20	10/18/23 13:33	EPA 7471B	1,7471B	MJR
Nickel, Total	13.3		mg/kg	2.14	0.207	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Potassium, Total	1820		mg/kg	214	12.3	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.71	0.221	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.429	0.242	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Sodium, Total	457		mg/kg	171	2.70	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Thallium, Total	1.62	J	mg/kg	1.71	0.270	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Vanadium, Total	22.9		mg/kg	0.857	0.174	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW
Zinc, Total	101		mg/kg	4.29	0.251	2	10/17/23 22:19	10/18/23 20:08	EPA 3050B	1,6010D	AMW

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
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: WG1840239-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Barium, Total	ND		mg/kg	0.400	0.070	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Copper, Total	ND		mg/kg	0.400	0.103	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Iron, Total	ND		mg/kg	2.00	0.361	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Lead, Total	ND		mg/kg	2.00	0.107	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Potassium, Total	ND		mg/kg	100	5.76	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Silver, Total	ND		mg/kg	0.200	0.113	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Sodium, Total	ND		mg/kg	80.0	1.26	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/17/23 22:19	10/18/23 18:57	1,6010D	AMW
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/17/23 22:19	10/18/23 18:57	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 Batch: WG1840240-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/17/23 23:20	10/18/23 12:19	1,7471B	MJR

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
Report Date: 11/02/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

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: WG1840239-2 SRM Lot Number: D119-540								
Aluminum, Total	99		-		48-152	-		
Antimony, Total	135		-		10-190	-		
Arsenic, Total	104		-		83-117	-		
Barium, Total	117		-		82-118	-		
Beryllium, Total	101		-		83-117	-		
Cadmium, Total	101		-		82-117	-		
Calcium, Total	113		-		81-118	-		
Chromium, Total	104		-		82-119	-		
Cobalt, Total	104		-		83-117	-		
Copper, Total	98		-		84-116	-		
Iron, Total	126		-		60-140	-		
Lead, Total	102		-		82-118	-		
Magnesium, Total	101		-		76-124	-		
Manganese, Total	114		-		82-118	-		
Nickel, Total	103		-		82-117	-		
Potassium, Total	108		-		70-130	-		
Selenium, Total	110		-		79-121	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	121		-		74-126	-		
Thallium, Total	98		-		81-119	-		
Vanadium, Total	100		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

Report Date: 11/02/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1840239-2 SRM Lot Number: D119-540					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1840240-2 SRM Lot Number: D119-540					
Mercury, Total	102	-	73-127	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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: WG1840239-3 QC Sample: L2200086-09 Client ID: MS Sample												
Aluminum, Total	9060	151	10300	**823**	Q	-	-		75-125	-		20
Antimony, Total	0.307J	37.7	28.9	77		-	-		75-125	-		20
Arsenic, Total	1.27	9.04	9.64	92		-	-		75-125	-		20
Barium, Total	66.9	151	206	92		-	-		75-125	-		20
Beryllium, Total	0.716	3.77	4.35	96		-	-		75-125	-		20
Cadmium, Total	ND	3.99	3.70	93		-	-		75-125	-		20
Calcium, Total	610	754	1310	93		-	-		75-125	-		20
Chromium, Total	12.2	15.1	26.0	92		-	-		75-125	-		20
Cobalt, Total	3.26	37.7	38.0	92		-	-		75-125	-		20
Copper, Total	5.85	18.8	24.1	97		-	-		75-125	-		20
Iron, Total	7010	75.4	7250	**318**	Q	-	-		75-125	-		20
Lead, Total	8.39	39.9	47.5	98		-	-		75-125	-		20
Magnesium, Total	740	754	1510	102		-	-		75-125	-		20
Manganese, Total	61.9	37.7	93.7	84		-	-		75-125	-		20
Nickel, Total	4.49	37.7	38.1	89		-	-		75-125	-		20
Potassium, Total	198	754	992	105		-	-		75-125	-		20
Selenium, Total	0.560J	9.04	8.72	96		-	-		75-125	-		20
Silver, Total	ND	3.77	3.80	101		-	-		75-125	-		20
Sodium, Total	70.1J	754	832	110		-	-		75-125	-		20
Thallium, Total	0.658J	9.04	9.09	100		-	-		75-125	-		20
Vanadium, Total	20.4	37.7	54.0	89		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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: WG1840239-3 QC Sample: L2200086-09 Client ID: MS Sample									
Zinc, Total	26.9	37.7	63.0	96	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1840240-3 QC Sample: L2361122-01 Client ID: MS Sample									
Mercury, Total	ND	2.69	2.73	101	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

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: WG1840239-4 QC Sample: L2200086-09 Client ID: DUP Sample						
Lead, Total	8.39	7.88	mg/kg	6		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1840240-4 QC Sample: L2361122-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
Report Date: 11/02/23

SAMPLE RESULTS

Lab ID: L2361112-01
Client ID: SB-305 (2-2.5)
Sample Location: NEW ROCHELLE, NY

Date Collected: 10/13/23 10:00
Date Received: 10/13/23
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	90.5		%	0.100	NA	1	-	10/14/23 10:31	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	10/18/23 22:30	10/19/23 13:52	1,9010C/9012B	JER

Project Name: 466 MAIN
Project Number: 12587
Lab Number: L2361112
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: WG1841461-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	10/18/23 22:30	10/19/23 12:44	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

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: WG1841461-2 WG1841461-3								
Cyanide, Total	**67**	Q	80		80-120	8		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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: WG1841461-4 WG1841461-5 QC Sample: L2361112-01 Client ID: SB-305 (2-2.5)												
Cyanide, Total	ND	10	9.2	88		9.6	93		75-125	4		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN

Project Number: 12587

Lab Number: L2361112

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: WG1839708-1 QC Sample: L2359312-08 Client ID: DUP Sample						
Solids, Total	80.1	78.5	%	2		20

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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(*)
L2361112-01A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2361112-01B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2361112-01C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2361112-01D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2361112-01E	Plastic 60ml unpreserved	A	NA		3.5	Y	Absent		TS(7)
L2361112-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2361112-01G	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2361112-01H	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2361112-01X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2361112-01Y	Vial Water preserved split	A	NA		3.5	Y	Absent	14-OCT-23 09:49	NYTCL-8260HLW(14)
L2361112-01Z	Vial Water preserved split	A	NA		3.5	Y	Absent	14-OCT-23 09:49	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN
Project Number: 12587

Lab Number: L2361112
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
Project Number: 12587

Lab Number: L2361112
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	**Lab Number:**	L2361112
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	**Lab Number:**	L2361112
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	**Lab Number:**	L2361112
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	**Lab Number:**	L2361112
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

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

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

Page 1 of 1

Date Rec'd in Lab: 10/14/23

ALPHA Job #: L2361112

Client Information

Client: SESI
Address: 95 US Route 1 Parsippany NJ
Phone: 973 808 9050
Fax:
Email: Chris.malvicini@sesi.biz

Project Information

Project Name: 40 Locust
Project Location: New Rochelle NY
Project #: 1258
(Use Project name as Project #) ☐
Project Manager: James Vanderveet
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

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

TCL+30 TAL, PFAS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total Bottle
61112-01	SB305(2-2.5)	10/13/23	1000	Soil	AN	X X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	10/13/23	GJAC (AAN)	10/13/23, 17:55
GJAC (AAN)	10/13/23, 19:11	MSMA (AAN)	10/13 18:??
MSMA (AAN)			10/14 0:00
AAN	10/14 2:20		10/14/23 09:20

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.)

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

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: 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
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								
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

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								
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

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								
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

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): 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

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): 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

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): 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

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): 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

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-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

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-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
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362230
Report Date: 11/15/23

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): 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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

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): 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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362230

Report Date: 11/15/23

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): 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

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

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

Page 1 of 1

Date Rec'd in Lab: 10/20/23

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
AAC	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)

ANALYTICAL REPORT

Lab Number:	L2362532
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:	11/09/23

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: L2362532
Report Date: 11/09/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2362532-01	TW-303	WATER	466 MAIN ST, NEW ROCHELLE, NY	10/20/23 13:15	10/20/23

Project Name:	466 MAIN ST	**Lab Number:**	L2362532
Project Number:	12587	**Report Date:**	11/09/23

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:**	L2362532
Project Number:	12587	**Report Date:**	11/09/23

Case Narrative (continued)

Report Submission

November 09, 2023: This final report includes the results of all requested analyses.

October 27, 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.

Perfluorinated Alkyl Acids by 1633

L2362532-01: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

The WG1844370-2 LCS recovery, associated with L2362532-01, is above the acceptance criteria for nonafluoro-3,6-dioxaheptanoic acid (nfdha) (154%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.

Total Mercury

L2362532-01: The sample has an elevated detection limit for mercury due to the prep 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 11/09/23

ORGANICS

VOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY
Date Collected: 10/20/23 13:15
Date Received: 10/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/25/23 16:55
Analyst: LAC

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	21		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	0.38	J	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	1.3		ug/l	0.50	0.16	1
Toluene	1.6	J	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:** L2362532

Project Number: 12587 **Report Date:** 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01 Date Collected: 10/20/23 13:15

Client ID: TW-303 Date Received: 10/20/23

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 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	22		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	4.4	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: L2362532
Project Number: 12587
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY
Date Collected: 10/20/23 13:15
Date Received: 10/20/23
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	16.0	J	ug/l			1
Unknown	1.03	J	ug/l			1
Unknown	1.13	J	ug/l			1
Unknown	3.90	J	ug/l			1
Cyclopropane, ethyl-	1.05	NJ	ug/l			1
Propene	8.92	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	84		70-130

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/23 08:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1844280-5					
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: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/23 08:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1844280-5					
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: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/23 08:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1844280-5					
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	1.41	J	ug/l
Unknown	1.41	J	ug/l

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/23 08:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1844280-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	82		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1844280-3 WG1844280-4								
Methylene chloride	93		92		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	96		98		70-130	2		20
Carbon tetrachloride	92		94		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	88		87		62-150	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	96		95		67-130	1		20
Bromodichloromethane	94		94		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	94		95		70-130	1		20
1,1-Dichloropropene	93		92		70-130	1		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	95		95		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	95		93		64-130	2		20
Bromomethane	61		62		39-139	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1844280-3 WG1844280-4								
Vinyl chloride	63		63		55-140	0		20
Chloroethane	77		79		55-138	3		20
1,1-Dichloroethene	86		86		61-145	0		20
trans-1,2-Dichloroethene	94		93		70-130	1		20
Trichloroethene	86		84		70-130	2		20
1,2-Dichlorobenzene	120		110		70-130	9		20
1,3-Dichlorobenzene	120		120		70-130	0		20
1,4-Dichlorobenzene	120		120		70-130	0		20
Methyl tert butyl ether	86		86		63-130	0		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	99		94		70-130	5		20
Dibromomethane	89		88		70-130	1		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	94		94		70-130	0		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	82		82		36-147	0		20
Acetone	82		84		58-148	2		20
Carbon disulfide	88		89		51-130	1		20
2-Butanone	87		84		63-138	4		20
Vinyl acetate	**200**	Q	**200**	Q	70-130	0		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	93		99		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1844280-3 WG1844280-4								
Bromochloromethane	91		93		70-130	2		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	100		110		70-130	10		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	120		120		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	120		110		70-130	9		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	97		96		41-144	1		20
Hexachlorobutadiene	**150**	Q	**150**	Q	63-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	76		76		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	93		96		70-130	3		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	80		80		56-162	0		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: L2362532

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1844280-3 WG1844280-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	84		84		70-130	0		20
Ethyl ether	88		88		59-134	0		20
trans-1,4-Dichloro-2-butene	98		98		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	98		100		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	84		82		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/20/23 13:15
Date Received: 10/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/24/23 02:45
Analyst: JG

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	4.4		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:** L2362532

Project Number: 12587 **Report Date:** 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01 Date Collected: 10/20/23 13:15

Client ID: TW-303 Date Received: 10/20/23

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						
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	1.7	J	ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	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:** L2362532

Project Number: 12587 **Report Date:** 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01 Date Collected: 10/20/23 13:15

Client ID: TW-303 Date Received: 10/20/23

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						
Tentatively Identified Compounds						
Total TIC Compounds	904	J	ug/l			1
Unknown Alkane	316	J	ug/l			1
Unknown Alkane	74.4	J	ug/l			1
Unknown	19.3	J	ug/l			1
Unknown Alkane	22.1	J	ug/l			1
Unknown	13.6	J	ug/l			1
Unknown Alkane	27.1	J	ug/l			1
Unknown	13.2	J	ug/l			1
Unknown Alkane	20.6	J	ug/l			1
Unknown Cycloalkane	37.1	J	ug/l			1
Unknown	15.6	J	ug/l			1
Unknown Alkane	17.6	J	ug/l			1
Unknown Alkane	96.8	J	ug/l			1
Unknown Cycloalkane	65.0	J	ug/l			1
Unknown Alkane	153	J	ug/l			1
Unknown	12.9	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	46		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	**32**	Q	41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/20/23 13:15
Date Received: 10/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/24/23 09:12
Analyst: AH

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	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.40		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.02	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	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.06	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	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.05	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.10	J	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:** L2362532

Project Number: 12587 **Report Date:** 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01 Date Collected: 10/20/23 13:15

Client ID: TW-303 Date Received: 10/20/23

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-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	**33**	Q	41-149

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/20/23 13:15
Date Received: 10/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 10/27/23 03:05
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 10/26/23 07:16

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:** L2362532

Project Number: 12587 **Report Date:** 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01 Date Collected: 10/20/23 13:15

Client ID: TW-303 Date Received: 10/20/23

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						
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
Lab Number: L2362532
Project Number: 12587
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY
Date Collected: 10/20/23 13:15
Date Received: 10/20/23
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)	93		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	114		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86		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)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		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)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		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)	67		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)	59		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	65		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	60		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	58		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69		20-150

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

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): 01 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: L2362532
Report Date: 11/09/23

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): 01 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: L2362532
Report Date: 11/09/23

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): 01 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	1.89	J	ug/l
Unknown	13.9	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: L2362532
Report Date: 11/09/23

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): 01 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: L2362532
Report Date: 11/09/23

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): 01 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: L2362532
Report Date: 11/09/23

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): 01 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: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/27/23 16:53
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 10/26/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1844370-1					
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: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/27/23 16:53
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 10/26/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1844370-1					
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: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/27/23 16:53
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 10/26/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1844370-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	110		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		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)	109		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)	87		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)	82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		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)	97		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75		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)	78		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	110		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	57		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

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: 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

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

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: 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

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

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: 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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362532

Report Date: 11/09/23

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: 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

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 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

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 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
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

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: WG1844370-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	100		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	97		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	109		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	97		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	107		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	101		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	108		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	99		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	129		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	71		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	82		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	91		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	82		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	99		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	81		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	88		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362532

Report Date: 11/09/23

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: WG1844370-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	95		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	96		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	104		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	95		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	87		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	102		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	91		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	85		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	90		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	87		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	102		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	99		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	88		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	**154**	Q	-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	105		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	81		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	61		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362532

Report Date: 11/09/23

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: WG1844370-2 LOW LEVEL

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)	88				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86				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)	89				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)	83				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90				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)	136				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	80				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: L2362532
Report Date: 11/09/23

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: WG1844370-3								
Perfluorobutanoic Acid (PFBA)	107		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	93		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	115		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	97		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	116		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	107		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	89		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	112		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	127		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	118		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	103		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	112		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	101		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	117		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

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: WG1844370-3								
Perfluorotridecanoic Acid (PFTrDA)	117		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	111		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	102		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	108		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	89		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	99		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	110		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	106		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	96		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	112		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	118		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	145		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	111		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	104		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	96		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362532

Report Date: 11/09/23

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: WG1844370-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	100				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)	84				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)	93				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93				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)	91				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104				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)	82				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)	91				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)	88				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	103				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	66				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	69				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	95				20-150

PCBS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/20/23 13:15
Date Received: 10/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/23/23 13:32
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/23/23 00:52
Cleanup Method: EPA 3665A
Cleanup Date: 10/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/23/23

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	82		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

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): 01 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: L2362532
Report Date: 11/09/23

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: 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: L2362532
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/20/23 13:15
Date Received: 10/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/25/23 09:42
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 10/24/23 18:22

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:** L2362532

Project Number: 12587 **Report Date:** 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01 Date Collected: 10/20/23 13:15

Client ID: TW-303 Date Received: 10/20/23

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	66		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/25/23 10:37
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 10/24/23 04:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1843394-1						
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: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/25/23 10:37
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 10/24/23 04:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1843394-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

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: WG1843394-2 WG1843394-3									
Delta-BHC	109		99		30-150	9		20	A
Lindane	96		89		30-150	8		20	A
Alpha-BHC	101		93		30-150	8		20	A
Beta-BHC	100		96		30-150	4		20	A
Heptachlor	96		87		30-150	9		20	A
Aldrin	92		83		30-150	10		20	A
Heptachlor epoxide	98		89		30-150	9		20	A
Endrin	111		101		30-150	9		20	A
Endrin aldehyde	77		73		30-150	6		20	A
Endrin ketone	110		97		30-150	12		20	A
Dieldrin	105		95		30-150	10		20	A
4,4'-DDE	101		92		30-150	10		20	A
4,4'-DDD	108		98		30-150	9		20	A
4,4'-DDT	105		95		30-150	10		20	A
Endosulfan I	100		90		30-150	11		20	A
Endosulfan II	104		93		30-150	11		20	A
Endosulfan sulfate	99		91		30-150	9		20	A
Methoxychlor	105		96		30-150	9		20	A
cis-Chlordane	84		74		30-150	12		20	A
trans-Chlordane	101		91		30-150	10		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362532

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1843394-2 WG1843394-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		84		30-150	A
Decachlorobiphenyl	83		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		84		30-150	B
Decachlorobiphenyl	74		71		30-150	B

METALS

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY
Date Collected: 10/20/23 13:15
Date Received: 10/20/23
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	54.0		mg/l	0.0100	0.00327	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Antimony, Total	0.00043	J	mg/l	0.00400	0.00042	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00992		mg/l	0.00050	0.00016	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Barium, Total	4.302		mg/l	0.00050	0.00017	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Beryllium, Total	0.00398		mg/l	0.00050	0.00010	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Cadmium, Total	0.00453		mg/l	0.00020	0.00005	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Calcium, Total	283.		mg/l	0.100	0.0394	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Chromium, Total	1.083		mg/l	0.00100	0.00017	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.3875		mg/l	0.00050	0.00016	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Copper, Total	0.8768		mg/l	0.00100	0.00038	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Iron, Total	368.		mg/l	0.0500	0.0191	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Lead, Total	0.4813		mg/l	0.00100	0.00034	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Magnesium, Total	77.4		mg/l	0.0700	0.0242	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Manganese, Total	48.62		mg/l	0.01000	0.00440	10	10/23/23 20:15	10/24/23 19:48	EPA 3005A	1,6020B	MRC
Mercury, Total	0.00304		mg/l	0.00100	0.00045	1	10/23/23 21:20	10/26/23 18:49	EPA 7470A	1,7470A	GMG
Nickel, Total	1.334		mg/l	0.00200	0.00055	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Potassium, Total	41.2		mg/l	0.100	0.0309	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Selenium, Total	0.0445		mg/l	0.00500	0.00173	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Silver, Total	0.02367		mg/l	0.00040	0.00016	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Sodium, Total	60.2		mg/l	0.100	0.0293	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Thallium, Total	0.00163		mg/l	0.00100	0.00014	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.09377		mg/l	0.00500	0.00157	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC
Zinc, Total	0.5266		mg/l	0.01000	0.00341	1	10/23/23 20:15	10/24/23 19:43	EPA 3005A	1,6020B	MRC

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

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: WG1843143-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/23/23 20:15	10/24/23 19:04	1,6020B	MRC

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): 01 Batch: WG1843179-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/23/23 21:20	10/26/23 18:42	1,7470A	GMG

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362532

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1843143-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	87		-		80-120	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	109		-		80-120	-		
Cadmium, Total	96		-		80-120	-		
Calcium, Total	96		-		80-120	-		
Chromium, Total	88		-		80-120	-		
Cobalt, Total	92		-		80-120	-		
Copper, Total	91		-		80-120	-		
Iron, Total	110		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	91		-		80-120	-		
Nickel, Total	92		-		80-120	-		
Potassium, Total	104		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	96		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	90		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362532

Report Date: 11/09/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1843143-2					
Zinc, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1843179-2					
Mercury, Total	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

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: WG1843143-3 QC Sample: L2361677-01 Client ID: MS Sample												
Aluminum, Total	0.009J	2	2.18	109		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.5170	103		-	-		75-125	-		20
Arsenic, Total	0.00082	0.12	0.1262	104		-	-		75-125	-		20
Barium, Total	0.0407	2	2.084	102		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05728	114		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05421	102		-	-		75-125	-		20
Calcium, Total	205	10	198	**0**	Q	-	-		75-125	-		20
Chromium, Total	ND	0.2	0.1932	97		-	-		75-125	-		20
Cobalt, Total	0.0007	0.5	0.4973	99		-	-		75-125	-		20
Copper, Total	ND	0.25	0.2456	98		-	-		75-125	-		20
Iron, Total	0.090	1	1.25	116		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5360	101		-	-		75-125	-		20
Magnesium, Total	7.06	10	17.8	107		-	-		75-125	-		20
Manganese, Total	2.142	0.5	2.645	101		-	-		75-125	-		20
Nickel, Total	0.0041	0.5	0.5002	99		-	-		75-125	-		20
Potassium, Total	8.51	10	19.8	113		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.134	112		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05064	101		-	-		75-125	-		20
Sodium, Total	68.4	10	81.1	**127**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1229	102		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.4928	98		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

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: WG1843143-3 QC Sample: L2361677-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4992	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843179-3 QC Sample: L2362532-01 Client ID: TW-303									
Mercury, Total	0.00304	0.025	0.02736	97	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST

Project Number: 12587

Lab Number: L2362532

Report Date: 11/09/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843143-4 QC Sample: L2361677-01 Client ID: DUP Sample						
Arsenic, Total	0.00082	0.00084	mg/l	3		20
Manganese, Total	2.142	2.156	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843179-4 QC Sample: L2362532-01 Client ID: TW-303						
Mercury, Total	0.00304	0.00303	mg/l	0		20

Project Name: 466 MAIN ST
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2362532
Report Date: 11/09/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1843143-6 QC Sample: L2361677-01 Client ID: DUP Sample						
Manganese, Total	2.142	2.076	mg/l	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2362532-01
Client ID: TW-303
Sample Location: 466 MAIN ST, NEW ROCHELLE, NY

Date Collected: 10/20/23 13:15
Date Received: 10/20/23
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	10/24/23 18:40	10/25/23 18:43	1,9010C/9012B	JER

Project Name: 466 MAIN ST
Project Number: 12587
Lab Number: L2362532
Report Date: 11/09/23

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: 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: L2362532

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 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: L2362532
Report Date: 11/09/23

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: 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

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

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(*)
L2362532-01A	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2362532-01B	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2362532-01C	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2362532-01D	Plastic 250ml NaOH preserved	A	>12	>12	5.4	Y	Absent		TCN-9010(14)
L2362532-01E	Plastic 250ml HNO3 preserved	A	<2	<2	5.4	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2362532-01F	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8081(7)
L2362532-01G	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8081(7)
L2362532-01H	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8082-LVI(365)
L2362532-01I	Amber 120ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8082-LVI(365)
L2362532-01J	Amber 250ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2362532-01K	Amber 250ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2362532-01L	Amber 250ml unpreserved	A	7	7	5.4	Y	Absent		HOLD-1,4DIOX(7)
L2362532-01M	Amber 250ml unpreserved	A	7	7	5.4	Y	Absent		HOLD-1,4DIOX(7)
L2362532-01N	Plastic 500ml unpreserved	A	NA		5.4	Y	Absent		A2-1633-DRAFT(28)
L2362532-01O	Plastic 500ml unpreserved	A	NA		5.4	Y	Absent		A2-1633-DRAFT(28)
L2362532-01P	Plastic 500ml unpreserved	A	NA		5.4	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST
Project Number: 12587

Lab Number: L2362532
Report Date: 11/09/23

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: L2362532
Report Date: 11/09/23

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:**	L2362532
Project Number:	12587	**Report Date:**	11/09/23

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:**	L2362532
Project Number:	12587	**Report Date:**	11/09/23

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:**	L2362532
Project Number:	12587	**Report Date:**	11/09/23

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:**	L2362532
Project Number:	12587	**Report Date:**	11/09/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

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

Page 1 of 1

Date Rec'd in Lab: 10/21/23

ALPHA Job #: L2362532

Client Information
Client: SESI
Address: 959 RT 46, E3 Suite 300, Parsippany NJ
Phone: 973 808 9850
Fax:
Email: Chris.Mauriello@SESI.org

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 VanDerVliet
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

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:
1,4 Dioxane on Hold

Please specify Metals or TAL.

ANALYSIS
TAL+30/TAL
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+30/TAL	PFAS	1,4 Dioxane	Sample Specific Comments	Total Bottle
62537-01	TW-303	10/20/23	1315	GW	RK	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 Fuhrman	10/20/23 14:15	MPENALPHA	10/20 19:15
MPENALPHA	10/20 18:23		10/20/23 18:45
	10/20/23	AAL	10/20 22:30
AAL	10/21 1:00		10/21/23 0100

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:	L2511014
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	466 MAIN ST., NEW ROCHELLE, NY
Project Number:	12587:10
Report Date:	03/06/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services 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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10

Lab Number: L2511014
Report Date: 03/06/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2511014-01	SB-403 (1.0-1.5)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/27/25 12:45	02/27/25
L2511014-02	SB-405 (4.0-4.5)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/27/25 14:30	02/27/25
L2511014-03	SB-406 (0.5-1.0)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/27/25 13:45	02/27/25
L2511014-04	SB-409 (1.5-2.0)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/27/25 11:00	02/27/25
L2511014-05	SB-410 (2.0)-2.5)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/27/25 11:15	02/27/25

Project Name:	466 MAIN ST., NEW ROCHELLE, NY	**Lab Number:**	L2511014
Project Number:	12587:10	**Report Date:**	03/06/25

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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., NEW ROCHELLE, NY	**Lab Number:**	L2511014
Project Number:	12587:10	**Report Date:**	03/06/25

Case Narrative (continued)

Report Submission

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

Total Metals

L2511014-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2036417-1 Method Blank associated with L2511014-01 through -05 has a concentration above the reporting limit for iron Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 03/06/25

ORGANICS

SEMIVOLATILES

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-01
Client ID: SB-403 (1.0-1.5)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/27/25 12:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/01/25 15:14
Analyst: EK
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/28/25 16:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-01 Date Collected: 02/27/25 12:45

Client ID: SB-403 (1.0-1.5) Date Received: 02/27/25

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	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	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	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-01 Date Collected: 02/27/25 12:45

Client ID: SB-403 (1.0-1.5) Date Received: 02/27/25

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	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1
Tentatively Identified Compounds						
Total TIC Compounds	1470	J	ug/kg			1
Unknown	857	J	ug/kg			1
Unknown	357	J	ug/kg			1
Unknown	254	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	112		30-120
2,4,6-Tribromophenol	117		10-136
4-Terphenyl-d14	110		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-02
Client ID: SB-405 (4.0-4.5)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/27/25 14:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/01/25 15:37
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/28/25 16:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	64	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-02 Date Collected: 02/27/25 14:30

Client ID: SB-405 (4.0-4.5) Date Received: 02/27/25

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	39.	1
Benzo(a)anthracene	34	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	32	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	30	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	63	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	150	26.	1
Pyrene	66	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-02 Date Collected: 02/27/25 14:30

Client ID: SB-405 (4.0-4.5) Date Received: 02/27/25

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	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
Total TIC Compounds	1020	J	ug/kg			1
Unknown	246	J	ug/kg			1
Unknown	273	J	ug/kg			1
Unknown	214	J	ug/kg			1
Unknown	282	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	110		25-120
Phenol-d6	108		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	**128**	Q	30-120
2,4,6-Tribromophenol	136		10-136
4-Terphenyl-d14	**128**	Q	18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-03
Client ID: SB-406 (0.5-1.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/27/25 13:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/01/25 16:01
Analyst: EK
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 02/28/25 16:37

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	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	35.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	71.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-03 Date Collected: 02/27/25 13:45

Client ID: SB-406 (0.5-1.0) Date Received: 02/27/25

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	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	85.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	440	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-03 Date Collected: 02/27/25 13:45

Client ID: SB-406 (0.5-1.0) Date Received: 02/27/25

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	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
Total TIC Compounds	1620	J	ug/kg			1
Unknown	202	J	ug/kg			1
Unknown	254	J	ug/kg			1
Unknown	298	J	ug/kg			1
Sulfur	650	NJ	ug/kg			1
Unknown	216	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	114		30-120
2,4,6-Tribromophenol	125		10-136
4-Terphenyl-d14	111		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-04
Client ID: SB-409 (1.5-2.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/27/25 11:00
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/01/25 16:24
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/28/25 16:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	62	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	2200		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	92	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., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-04 Date Collected: 02/27/25 11:00

Client ID: SB-409 (1.5-2.0) Date Received: 02/27/25

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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1000		ug/kg	110	21.	1
Benzo(a)pyrene	1100		ug/kg	150	46.	1
Benzo(b)fluoranthene	1500		ug/kg	110	32.	1
Benzo(k)fluoranthene	480		ug/kg	110	30.	1
Chrysene	1100		ug/kg	110	20.	1
Acenaphthylene	200		ug/kg	150	29.	1
Anthracene	290		ug/kg	110	37.	1
Benzo(ghi)perylene	850		ug/kg	150	22.	1
Fluorene	71	J	ug/kg	190	18.	1
Phenanthrene	1100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	780		ug/kg	150	26.	1
Pyrene	1900		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	50	J	ug/kg	190	18.	1
2-Methylnaphthalene	40	J	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., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-04 Date Collected: 02/27/25 11:00

Client ID: SB-409 (1.5-2.0) Date Received: 02/27/25

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	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	170	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	4420	J	ug/kg			1
Unknown	173	J	ug/kg			1
Unknown PAH	511	J	ug/kg			1
Unknown	424	J	ug/kg			1
Unknown PAH	252	J	ug/kg			1
Unknown PAH	306	J	ug/kg			1
Unknown PAH	862	J	ug/kg			1
Unknown	232	J	ug/kg			1
Unknown	317	J	ug/kg			1
Unknown PAH	206	J	ug/kg			1
Unknown	216	J	ug/kg			1
Unknown	185	J	ug/kg			1
Unknown	211	J	ug/kg			1
Unknown PAH	171	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown Ketone	175	J	ug/kg			1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-04 Date Collected: 02/27/25 11:00

Client ID: SB-409 (1.5-2.0) Date Received: 02/27/25

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						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	115		30-120
2,4,6-Tribromophenol	133		10-136
4-Terphenyl-d14	114		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-05
Client ID: SB-410 (2.0)-2.5)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/27/25 11:15
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/04/25 15:34
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/28/25 16:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	460		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	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	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., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-05 Date Collected: 02/27/25 11:15

Client ID: SB-410 (2.0)-2.5) Date Received: 02/27/25

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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	200		ug/kg	110	21.	1
Benzo(a)pyrene	220		ug/kg	150	46.	1
Benzo(b)fluoranthene	260		ug/kg	110	32.	1
Benzo(k)fluoranthene	94	J	ug/kg	110	30.	1
Chrysene	190		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	83	J	ug/kg	110	37.	1
Benzo(ghi)perylene	130	J	ug/kg	150	22.	1
Fluorene	29	J	ug/kg	190	18.	1
Phenanthrene	320		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	32	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	26.	1
Pyrene	360		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	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	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	30.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-05 Date Collected: 02/27/25 11:15

Client ID: SB-410 (2.0)-2.5) Date Received: 02/27/25

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	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	31	J	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	94		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	80		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/01/25 08:40
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/28/25 16:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2035374-1					
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., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/01/25 08:40
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/28/25 16:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2035374-1					
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	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., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/01/25 08:40
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/28/25 16:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2035374-1					
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	99		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	114		30-120
2,4,6-Tribromophenol	133		10-136
4-Terphenyl-d14	**127**	Q	18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10

Lab Number: L2511014
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2035374-2 WG2035374-3								
Acenaphthene	102		104		31-137	2		50
1,2,4-Trichlorobenzene	104		102		38-107	2		50
Hexachlorobenzene	118		122		40-140	3		50
Bis(2-chloroethyl)ether	82		82		40-140	0		50
2-Chloronaphthalene	105		107		40-140	2		50
1,2-Dichlorobenzene	96		97		40-140	1		50
1,3-Dichlorobenzene	96		98		40-140	2		50
1,4-Dichlorobenzene	95		96		28-104	1		50
3,3'-Dichlorobenzidine	86		78		40-140	10		50
2,4-Dinitrotoluene	122		126		40-132	3		50
2,6-Dinitrotoluene	117		119		40-140	2		50
Fluoranthene	115		115		40-140	0		50
4-Chlorophenyl phenyl ether	110		112		40-140	2		50
4-Bromophenyl phenyl ether	113		116		40-140	3		50
Bis(2-chloroisopropyl)ether	64		64		40-140	0		50
Bis(2-chloroethoxy)methane	84		84		40-117	0		50
Hexachlorobutadiene	104		106		40-140	2		50
Hexachlorocyclopentadiene	118		121		40-140	3		50
Hexachloroethane	92		91		40-140	1		50
Isophorone	85		84		40-140	1		50
Naphthalene	97		99		40-140	2		50
Nitrobenzene	89		90		40-140	1		50
NDPA/DPA	109		114		36-157	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10

Lab Number: L2511014
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2035374-2 WG2035374-3								
n-Nitrosodi-n-propylamine	84		84		32-121	0		50
Bis(2-ethylhexyl)phthalate	122		123		40-140	1		50
Butyl benzyl phthalate	134		135		40-140	1		50
Di-n-butylphthalate	113		114		40-140	1		50
Di-n-octylphthalate	126		129		40-140	2		50
Diethyl phthalate	107		110		40-140	3		50
Dimethyl phthalate	106		111		40-140	5		50
Benzo(a)anthracene	108		109		40-140	1		50
Benzo(a)pyrene	121		119		40-140	2		50
Benzo(b)fluoranthene	112		114		40-140	2		50
Benzo(k)fluoranthene	120		118		40-140	2		50
Chrysene	106		108		40-140	2		50
Acenaphthylene	114		116		40-140	2		50
Anthracene	110		114		40-140	4		50
Benzo(ghi)perylene	112		114		40-140	2		50
Fluorene	108		112		40-140	4		50
Phenanthrene	106		110		40-140	4		50
Dibenzo(a,h)anthracene	105		108		40-140	3		50
Indeno(1,2,3-cd)pyrene	109		108		40-140	1		50
Pyrene	115		114		35-142	1		50
Biphenyl	106		107		37-127	1		50
4-Chloroaniline	72		68		40-140	6		50
2-Nitroaniline	122		126		47-134	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10

Lab Number: L2511014
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2035374-2 WG2035374-3								
3-Nitroaniline	81		73		26-129	10		50
4-Nitroaniline	105		105		41-125	0		50
Dibenzofuran	107		110		40-140	3		50
2-Methylnaphthalene	98		97		40-140	1		50
1,2,4,5-Tetrachlorobenzene	112		115		40-117	3		50
Acetophenone	93		94		14-144	1		50
2,4,6-Trichlorophenol	114		117		30-130	3		50
p-Chloro-m-cresol	102		**104**	Q	26-103	2		50
2-Chlorophenol	101		102		25-102	1		50
2,4-Dichlorophenol	110		109		30-130	1		50
2,4-Dimethylphenol	106		108		30-130	2		50
2-Nitrophenol	117		117		30-130	0		50
4-Nitrophenol	**122**	Q	**128**	Q	11-114	5		50
2,4-Dinitrophenol	**132**	Q	**137**	Q	4-130	4		50
4,6-Dinitro-o-cresol	**146**	Q	**155**	Q	10-130	6		50
Pentachlorophenol	98		105		17-109	7		50
Phenol	85		86		26-90	1		50
2-Methylphenol	96		97		30-130.	1		50
3-Methylphenol/4-Methylphenol	102		102		30-130	0		50
2,4,5-Trichlorophenol	119		123		30-130	3		50
Benzoic Acid	51		42		10-110	19		50
Benzyl Alcohol	91		92		40-140	1		50
Carbazole	112		114		54-128	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10

Lab Number: L2511014
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2035374-2 WG2035374-3								
1,4-Dioxane	72		73		40-140	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	97		95		25-120
Phenol-d6	92		92		10-120
Nitrobenzene-d5	91		89		23-120
2-Fluorobiphenyl	105		106		30-120
2,4,6-Tribromophenol	125		128		10-136
4-Terphenyl-d14	119		117		18-120

METALS

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-01 Date Collected: 02/27/25 12:45

Client ID: SB-403 (1.0-1.5) Date Received: 02/27/25

Sample Location: 466 MAIN ST., NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7380		mg/kg	9.64	3.13	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.82	3.71	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.11		mg/kg	0.964	0.416	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Barium, Total	92.7		mg/kg	0.964	0.102	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.482	0.053	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.964	0.053	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Calcium, Total	2080		mg/kg	9.64	5.47	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Chromium, Total	23.4		mg/kg	0.964	0.818	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Cobalt, Total	8.36		mg/kg	1.93	0.239	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Copper, Total	18.4		mg/kg	0.964	0.219	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Iron, Total	15400		mg/kg	4.82	1.01	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Lead, Total	5.79		mg/kg	4.82	0.229	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Magnesium, Total	4470		mg/kg	9.64	1.57	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Manganese, Total	459		mg/kg	0.964	0.517	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.078	0.051	1	03/04/25 11:33	03/04/25 16:33	EPA 7471B	1,7471B	JWN
Nickel, Total	23.2		mg/kg	2.41	0.779	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Potassium, Total	4360		mg/kg	241	48.9	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Selenium, Total	0.369	J	mg/kg	1.93	0.317	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.482	0.287	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Sodium, Total	120	J	mg/kg	193	102.	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.93	0.870	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Vanadium, Total	22.3		mg/kg	0.964	0.146	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC
Zinc, Total	33.9		mg/kg	4.82	0.584	2	03/04/25 11:20	03/05/25 11:48	EPA 3050B	1,6010D	DMC

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Lab Number: L2511014
Project Number: 12587:10
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-02
Client ID: SB-405 (4.0-4.5)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Date Collected: 02/27/25 14:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	5040		mg/kg	8.83	2.87	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.41	3.40	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.29		mg/kg	0.883	0.381	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Barium, Total	56.6		mg/kg	0.883	0.094	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.441	0.049	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.883	0.049	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Calcium, Total	3050		mg/kg	8.83	5.01	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Chromium, Total	19.3		mg/kg	0.883	0.749	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.44		mg/kg	1.76	0.219	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Copper, Total	13.0		mg/kg	0.883	0.200	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Iron, Total	10900		mg/kg	4.41	0.927	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Lead, Total	5.53		mg/kg	4.41	0.210	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Magnesium, Total	3010		mg/kg	8.83	1.44	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Manganese, Total	170		mg/kg	0.883	0.473	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.076	0.049	1	03/04/25 11:33	03/04/25 16:36	EPA 7471B	1,7471B	JWN
Nickel, Total	14.0		mg/kg	2.21	0.713	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Potassium, Total	3050		mg/kg	221	44.8	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.76	0.290	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.441	0.263	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Sodium, Total	ND		mg/kg	176	93.6	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.76	0.796	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Vanadium, Total	16.0		mg/kg	0.883	0.133	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC
Zinc, Total	23.0		mg/kg	4.41	0.535	2	03/04/25 11:20	03/05/25 11:54	EPA 3050B	1,6010D	DMC

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-03 Date Collected: 02/27/25 13:45

Client ID: SB-406 (0.5-1.0) Date Received: 02/27/25

Sample Location: 466 MAIN ST., NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5500		mg/kg	9.78	3.18	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.89	3.76	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.68		mg/kg	0.978	0.422	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Barium, Total	62.5		mg/kg	0.978	0.104	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.489	0.054	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.978	0.054	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Calcium, Total	6020		mg/kg	9.78	5.54	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Chromium, Total	19.6		mg/kg	0.978	0.829	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.96		mg/kg	1.96	0.242	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Copper, Total	16.4		mg/kg	0.978	0.222	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Iron, Total	23400		mg/kg	4.89	1.03	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Lead, Total	8.73		mg/kg	4.89	0.233	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Magnesium, Total	3050		mg/kg	9.78	1.59	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Manganese, Total	277		mg/kg	0.978	0.524	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.082	0.053	1	03/04/25 11:33	03/04/25 16:39	EPA 7471B	1,7471B	JWN
Nickel, Total	27.2		mg/kg	2.44	0.790	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Potassium, Total	2780		mg/kg	244	49.6	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Selenium, Total	0.546	J	mg/kg	1.96	0.322	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.489	0.291	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Sodium, Total	124	J	mg/kg	196	104.	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.96	0.882	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Vanadium, Total	17.5		mg/kg	0.978	0.148	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC
Zinc, Total	25.5		mg/kg	4.89	0.592	2	03/04/25 11:20	03/05/25 12:00	EPA 3050B	1,6010D	DMC

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Lab Number: L2511014
Project Number: 12587:10
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-04
Client ID: SB-409 (1.5-2.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Date Collected: 02/27/25 11:00
Date Received: 02/27/25
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	11700		mg/kg	9.08	2.95	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.54	3.50	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.29		mg/kg	0.908	0.392	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Barium, Total	143		mg/kg	0.908	0.096	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.148	J	mg/kg	0.454	0.050	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.358	J	mg/kg	0.908	0.050	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Calcium, Total	23400		mg/kg	9.08	5.15	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Chromium, Total	24.6		mg/kg	0.908	0.770	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.65		mg/kg	1.82	0.225	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Copper, Total	31.0		mg/kg	0.908	0.206	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Iron, Total	17800		mg/kg	4.54	0.954	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Lead, Total	385		mg/kg	4.54	0.216	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Magnesium, Total	4800		mg/kg	9.08	1.48	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Manganese, Total	362		mg/kg	0.908	0.487	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Mercury, Total	0.515		mg/kg	0.087	0.057	1	03/04/25 11:33	03/04/25 16:43	EPA 7471B	1,7471B	JWN
Nickel, Total	22.5		mg/kg	2.27	0.734	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Potassium, Total	2110		mg/kg	227	46.0	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Selenium, Total	0.539	J	mg/kg	1.82	0.299	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.454	0.271	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Sodium, Total	431		mg/kg	182	96.3	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.82	0.819	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Vanadium, Total	29.8		mg/kg	0.908	0.137	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC
Zinc, Total	228		mg/kg	4.54	0.550	2	03/04/25 11:20	03/05/25 12:07	EPA 3050B	1,6010D	DMC

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-05 Date Collected: 02/27/25 11:15

Client ID: SB-410 (2.0)-2.5) Date Received: 02/27/25

Sample Location: 466 MAIN ST., NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10700		mg/kg	8.60	2.80	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.30	3.31	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.68		mg/kg	0.860	0.372	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Barium, Total	91.6		mg/kg	0.860	0.091	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.135	J	mg/kg	0.430	0.047	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.106	J	mg/kg	0.860	0.047	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Calcium, Total	6770		mg/kg	8.60	4.88	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Chromium, Total	19.2		mg/kg	0.860	0.730	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.65		mg/kg	1.72	0.213	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Copper, Total	21.6		mg/kg	0.860	0.195	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Iron, Total	16400		mg/kg	4.30	0.904	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Lead, Total	166		mg/kg	4.30	0.205	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Magnesium, Total	3290		mg/kg	8.60	1.40	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Manganese, Total	444		mg/kg	0.860	0.461	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Mercury, Total	0.150		mg/kg	0.092	0.060	1	03/04/25 11:33	03/04/25 16:46	EPA 7471B	1,7471B	JWN
Nickel, Total	16.0		mg/kg	2.15	0.695	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Potassium, Total	2070		mg/kg	215	43.6	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Selenium, Total	0.714	J	mg/kg	1.72	0.283	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.430	0.256	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Sodium, Total	468		mg/kg	172	91.2	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.72	0.776	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Vanadium, Total	26.1		mg/kg	0.860	0.130	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC
Zinc, Total	89.2		mg/kg	4.30	0.521	2	03/04/25 11:20	03/05/25 12:13	EPA 3050B	1,6010D	DMC

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511014

Project Number: 12587:10 **Report Date:** 03/06/25

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): 01-05 Batch: WG2036417-1										
Aluminum, Total	2.54	J	mg/kg	4.00	1.30	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Antimony, Total	ND		mg/kg	2.00	1.54	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Arsenic, Total	ND		mg/kg	0.400	0.173	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Barium, Total	ND		mg/kg	0.400	0.042	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Beryllium, Total	ND		mg/kg	0.200	0.022	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.400	0.022	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Calcium, Total	ND		mg/kg	4.00	2.27	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Chromium, Total	ND		mg/kg	0.400	0.339	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Cobalt, Total	ND		mg/kg	0.800	0.099	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Copper, Total	ND		mg/kg	0.400	0.091	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Iron, Total	2.65		mg/kg	2.00	0.420	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Lead, Total	0.128	J	mg/kg	2.00	0.095	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Magnesium, Total	ND		mg/kg	4.00	0.652	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Manganese, Total	ND		mg/kg	0.400	0.214	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Nickel, Total	ND		mg/kg	1.00	0.323	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Potassium, Total	ND		mg/kg	100	20.3	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Selenium, Total	ND		mg/kg	0.800	0.132	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Silver, Total	ND		mg/kg	0.200	0.119	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Sodium, Total	ND		mg/kg	80.0	42.4	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Thallium, Total	ND		mg/kg	0.800	0.361	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Vanadium, Total	ND		mg/kg	0.400	0.060	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS
Zinc, Total	ND		mg/kg	2.00	0.242	1	03/04/25 11:20	03/04/25 20:11	1,6010D	JTS

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): 01-05 Batch: WG2036419-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/04/25 11:33	03/04/25 16:00	1,7471B	JWN

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10

Lab Number: L2511014
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2036417-2								
Aluminum, Total	99		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	99		-		80-120	-		
Sodium, Total	108		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	101		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2036417-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2036419-2					
Mercury, Total	92	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

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): 01-05 QC Batch ID: WG2036417-3 QC Sample: L2510676-01 Client ID: MS Sample												
Aluminum, Total	485	161	784	**185**	Q	-	-		75-125	-		20
Antimony, Total	ND	40.3	37.5	93		-	-		75-125	-		20
Arsenic, Total	0.634J	9.68	9.89	102		-	-		75-125	-		20
Barium, Total	2.26	161	157	96		-	-		75-125	-		20
Beryllium, Total	ND	4.03	4.06	101		-	-		75-125	-		20
Cadmium, Total	ND	4.28	4.12	96		-	-		75-125	-		20
Calcium, Total	74.6	807	886	100		-	-		75-125	-		20
Chromium, Total	1.37	16.1	17.1	97		-	-		75-125	-		20
Cobalt, Total	0.358J	40.3	39.8	99		-	-		75-125	-		20
Copper, Total	1.02	20.2	21.0	99		-	-		75-125	-		20
Iron, Total	1030	80.7	1070	**50**	Q	-	-		75-125	-		20
Lead, Total	3.30J	42.8	45.6	107		-	-		75-125	-		20
Magnesium, Total	72.7	807	880	100		-	-		75-125	-		20
Manganese, Total	26.7	40.3	67.0	100		-	-		75-125	-		20
Nickel, Total	0.676J	40.3	40.5	100		-	-		75-125	-		20
Potassium, Total	ND	807	862	107		-	-		75-125	-		20
Selenium, Total	ND	9.68	9.23	95		-	-		75-125	-		20
Silver, Total	ND	4.03	3.93	97		-	-		75-125	-		20
Sodium, Total	ND	807	850	105		-	-		75-125	-		20
Thallium, Total	ND	9.68	9.40	97		-	-		75-125	-		20
Vanadium, Total	2.29	40.3	41.4	97		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10

Lab Number: L2511014
Report Date: 03/06/25

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): 01-05 QC Batch ID: WG2036417-3 QC Sample: L2510676-01 Client ID: MS Sample									
Zinc, Total	4.28	40.3	43.3	97	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2036419-3 QC Sample: L2510676-01 Client ID: MS Sample									
Mercury, Total	ND	1.48	1.25	85	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY

Project Number: 12587:10

Lab Number: L2511014

Report Date: 03/06/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2036417-4 QC Sample: L2510676-01 Client ID: DUP Sample						
Arsenic, Total	0.634J	0.588J	mg/kg	NC		20
Barium, Total	2.26	2.12	mg/kg	6		20
Beryllium, Total	ND	ND	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	1.37	1.44	mg/kg	5		20
Copper, Total	1.02	0.896	mg/kg	13		20
Lead, Total	3.30J	3.32J	mg/kg	NC		20
Nickel, Total	0.676J	0.672J	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2036419-4 QC Sample: L2510676-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-01
Client ID: SB-403 (1.0-1.5)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/27/25 12:45
Date Received: 02/27/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	02/28/25 08:20	121,2540G	ROI

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-02
Client ID: SB-405 (4.0-4.5)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/27/25 14:30
Date Received: 02/27/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	02/28/25 08:20	121,2540G	ROI

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-03
Client ID: SB-406 (0.5-1.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/27/25 13:45
Date Received: 02/27/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	02/28/25 08:20	121,2540G	ROI

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-04
Client ID: SB-409 (1.5-2.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/27/25 11:00
Date Received: 02/27/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	02/28/25 08:20	121,2540G	ROI

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511014-05
Client ID: SB-410 (2.0)-2.5)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/27/25 11:15
Date Received: 02/27/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	02/28/25 08:20	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY

Project Number: 12587:10

Lab Number: L2511014

Report Date: 03/06/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2035094-1 QC Sample: L2510783-01 Client ID: DUP Sample						
Solids, Total	82.2	82.2	%	0		20

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10

Lab Number: L2511014
Report Date: 03/06/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2511014-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2511014-01B	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)
L2511014-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	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),CU-TI(180),SE-TI(180),ZN-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),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2511014-02B	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)
L2511014-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	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),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2511014-03B	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587:10

Lab Number: L2511014
Report Date: 03/06/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2511014-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2511014-04B	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)
L2511014-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	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),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2511014-05B	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	466 MAIN ST., NEW ROCHELLE, NY	**Lab Number:**	L2511014
Project Number:	12587:10	**Report Date:**	03/06/25

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., NEW ROCHELLE, NY	**Lab Number:**	L2511014
Project Number:	12587:10	**Report Date:**	03/06/25

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., NEW ROCHELLE, NY	**Lab Number:**	L2511014
Project Number:	12587:10	**Report Date:**	03/06/25

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., NEW ROCHELLE, NY
Project Number: 12587:10
Lab Number: L2511014
Report Date: 03/06/25

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.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your 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 2/28/25

L2511014 **06MAR25**
SESI

Client Information

Client: SESI
Address: 959 US-46
Ste. 300 Parsippany, NJ
Phone: 973-808-9080
Fax: –
Email: james.vandervliet@sesi.org

Project Information

Project Name: →
Project Location: 466 Main St. New Rochelle, NY
Project # 12587:10
(Use Project name as Project #) ☐
Project Manager: Jim VanderVliet
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

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SVOC	TAL Metals	Total Bottle
11014-01	SB-403 (1.0-1.5)	2/27/25	12:45	S	JS	X	X	2
02	SB-405 (4.0-4.5)	2/27/25	14:30			X	X	2
03	SB-406 (0.5-1.0)		13:45			X	X	2
04	SB-404 (1.5-2.0)		11:00			X	X	2
05	SB-410 (2.0-2.5)	↓	11:15	↓	✓	X	X	2

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Container Type	A	A	A	A	A				
Preservative	A	A	A	A	A				

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
Jay Sicer	2/27/25	3SMI Pace	2-27-25 1602
3SMI	2-27-25 1848	PAS	2/27/25 1940
PAS	2/27/25		2/27/25 2350
	2/28/25 0020		2/28/25 0020

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:	L2511313
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	466 MAIN ST., NEW ROCHELLE, NY
Project Number:	12587
Report Date:	03/18/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services 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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2511313-01	SB-401 (0.5-1.0)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/28/25 15:20	02/28/25
L2511313-02	SB-402 (0.5-1.0)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/28/25 12:30	02/28/25
L2511313-03	SB-404 (3.25-3.75)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/28/25 15:15	02/28/25
L2511313-04	SB-407 (1.0-1.5)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/28/25 14:50	02/28/25
L2511313-05	SB-408 (1.5-2.0)	SOIL	466 MAIN ST., NEW ROCHELLE, NY	02/28/25 10:15	02/28/25
L2511313-06	TW-401	WATER	466 MAIN ST., NEW ROCHELLE, NY	02/28/25 15:00	02/28/25

Project Name:	466 MAIN ST., NEW ROCHELLE, NY	**Lab Number:**	L2511313
Project Number:	12587	**Report Date:**	03/18/25

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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., NEW ROCHELLE, NY	**Lab Number:**	L2511313
Project Number:	12587	**Report Date:**	03/18/25

Case Narrative (continued)

Report Submission

March 18, 2025: This final report includes the results of all requested analyses.

March 07, 2025: 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.

Perfluorinated Alkyl Acids by 1633

L2511313-06: The sample was re-extracted within holding time due to QC failures in the original extraction. The results of the re-extraction are reported.

L2511313-06RE: The sample was centrifuged and decanted prior to extraction due to sample matrix.

L2511313-06RE: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

Total Metals

L2511313-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2036900-1 Method Blank associated with L2511313-01 through -05 has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

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: 03/18/25

ORGANICS

VOLATILES

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-01
Client ID: SB-401 (0.5-1.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 15:20
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/03/25 11:50
Analyst: AJK
Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	12	5.7	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.36	1
Chloroform	ND		ug/kg	3.8	0.35	1
Carbon tetrachloride	ND		ug/kg	2.5	0.58	1
1,2-Dichloropropane	ND		ug/kg	2.5	0.31	1
Dibromochloromethane	ND		ug/kg	2.5	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.67	1
Tetrachloroethene	ND		ug/kg	1.2	0.49	1
Chlorobenzene	ND		ug/kg	1.2	0.32	1
Trichlorofluoromethane	ND		ug/kg	10	1.7	1
1,2-Dichloroethane	ND		ug/kg	2.5	0.64	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.42	1
Bromodichloromethane	ND		ug/kg	1.2	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.68	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.40	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.40	1
1,1-Dichloropropene	ND		ug/kg	1.2	0.40	1
Bromoform	ND		ug/kg	10	0.62	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.42	1
Benzene	ND		ug/kg	1.2	0.42	1
Toluene	ND		ug/kg	2.5	1.4	1
Ethylbenzene	ND		ug/kg	2.5	0.35	1
Chloromethane	ND		ug/kg	10	2.3	1
Bromomethane	ND		ug/kg	5.0	1.4	1
Vinyl chloride	ND		ug/kg	2.5	0.84	1
Chloroethane	ND		ug/kg	5.0	1.1	1
1,1-Dichloroethene	ND		ug/kg	2.5	0.60	1
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.34	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-01 Date Collected: 02/28/25 15:20

Client ID: SB-401 (0.5-1.0) Date Received: 02/28/25

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	1.2	0.34	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.36	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.37	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.43	1
Methyl tert butyl ether	ND		ug/kg	5.0	0.50	1
p/m-Xylene	ND		ug/kg	5.0	1.4	1
o-Xylene	ND		ug/kg	2.5	0.73	1
Xylenes, Total	ND		ug/kg	2.5	0.73	1
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.44	1
1,2-Dichloroethene, Total	ND		ug/kg	2.5	0.34	1
Dibromomethane	ND		ug/kg	5.0	0.60	1
Styrene	ND		ug/kg	2.5	0.49	1
Dichlorodifluoromethane	ND		ug/kg	25	2.3	1
Acetone	27		ug/kg	25	12.	1
Carbon disulfide	ND		ug/kg	25	11.	1
2-Butanone	ND		ug/kg	25	5.6	1
Vinyl acetate	ND		ug/kg	25	5.4	1
4-Methyl-2-pentanone	ND		ug/kg	25	3.2	1
1,2,3-Trichloropropane	ND		ug/kg	5.0	0.32	1
2-Hexanone	ND		ug/kg	25	3.0	1
Bromochloromethane	ND		ug/kg	5.0	0.51	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.51	1
1,2-Dibromoethane	ND		ug/kg	2.5	0.70	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.42	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.33	1
Bromobenzene	ND		ug/kg	5.0	0.36	1
n-Butylbenzene	ND		ug/kg	2.5	0.42	1
sec-Butylbenzene	ND		ug/kg	2.5	0.37	1
tert-Butylbenzene	ND		ug/kg	5.0	0.30	1
o-Chlorotoluene	ND		ug/kg	5.0	0.48	1
p-Chlorotoluene	ND		ug/kg	5.0	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.5	2.5	1
Hexachlorobutadiene	ND		ug/kg	10	0.42	1
Isopropylbenzene	ND		ug/kg	2.5	0.27	1
p-Isopropyltoluene	ND		ug/kg	2.5	0.27	1
Naphthalene	ND		ug/kg	10	1.6	1
Acrylonitrile	ND		ug/kg	10	2.9	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-01 Date Collected: 02/28/25 15:20

Client ID: SB-401 (0.5-1.0) Date Received: 02/28/25

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						
n-Propylbenzene	ND		ug/kg	2.5	0.43	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.81	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.68	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.48	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.84	1
1,4-Dioxane	ND		ug/kg	200	88.	1
p-Diethylbenzene	ND		ug/kg	5.0	0.44	1
p-Ethyltoluene	ND		ug/kg	5.0	0.96	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.0	0.48	1
Ethyl ether	ND		ug/kg	5.0	0.85	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.6	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	106		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-03
Client ID: SB-404 (3.25-3.75)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 15:15
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/03/25 12:16
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.95		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-03 Date Collected: 02/28/25 15:15

Client ID: SB-404 (3.25-3.75) Date Received: 02/28/25

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	0.42	J	ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	13		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.79	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-03 Date Collected: 02/28/25 15:15

Client ID: SB-404 (3.25-3.75) Date Received: 02/28/25

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						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	24.1	J	ug/kg			1
Unknown	13.5	J	ug/kg			1
Unknown	4.42	J	ug/kg			1
Unknown	6.19	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	103		70-130

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-05
Client ID: SB-408 (1.5-2.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 10:15
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/03/25 12:42
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-05 Date Collected: 02/28/25 10:15

Client ID: SB-408 (1.5-2.0) Date Received: 02/28/25

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	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.37	1
Xylenes, Total	ND		ug/kg	1.2	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.25	1
Dichlorodifluoromethane	ND		ug/kg	12	1.2	1
Acetone	42		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	4.6	J	ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-05 Date Collected: 02/28/25 10:15

Client ID: SB-408 (1.5-2.0) Date Received: 02/28/25

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						
n-Propylbenzene	ND		ug/kg	1.2	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	9.77	J	ug/kg			1
Unknown Alkane	2.73	J	ug/kg			1
Unknown Alkane	3.16	J	ug/kg			1
Unknown Alkane	3.88	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06 Date Collected: 02/28/25 15:00
Client ID: TW-401 Date Received: 02/28/25
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/06/25 13:12
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	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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06 Date Collected: 02/28/25 15:00

Client ID: TW-401 Date Received: 02/28/25

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 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	0.17	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	1.7	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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06 Date Collected: 02/28/25 15:00

Client ID: TW-401 Date Received: 02/28/25

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 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	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	107		70-130

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/03/25 11:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03,05 Batch: WG2036463-5					
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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/03/25 11:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03,05 Batch: WG2036463-5					
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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/03/25 11:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03,05 Batch: WG2036463-5					
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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/03/25 11:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03,05 Batch: WG2036463-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/06/25 09:52
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2037795-5					
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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/06/25 09:52
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2037795-5					
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	0.17
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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/06/25 09:52
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2037795-5					
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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/06/25 09:52
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2037795-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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 Batch: WG2036463-3 WG2036463-4								
Methylene chloride	101		98		70-130	3		30
1,1-Dichloroethane	119		115		70-130	3		30
Chloroform	118		109		70-130	8		30
Carbon tetrachloride	118		116		70-130	2		30
1,2-Dichloropropane	115		113		70-130	2		30
Dibromochloromethane	95		98		70-130	3		30
1,1,2-Trichloroethane	111		115		70-130	4		30
Tetrachloroethene	124		120		70-130	3		30
Chlorobenzene	113		111		70-130	2		30
Trichlorofluoromethane	124		119		70-139	4		30
1,2-Dichloroethane	116		116		70-130	0		30
1,1,1-Trichloroethane	124		121		70-130	2		30
Bromodichloromethane	116		116		70-130	0		30
trans-1,3-Dichloropropene	116		116		70-130	0		30
cis-1,3-Dichloropropene	117		116		70-130	1		30
1,1-Dichloropropene	108		104		70-130	4		30
Bromoform	104		106		70-130	2		30
1,1,2,2-Tetrachloroethane	110		110		70-130	0		30
Benzene	113		110		70-130	3		30
Toluene	112		108		70-130	4		30
Ethylbenzene	112		110		70-130	2		30
Chloromethane	120		113		52-130	6		30
Bromomethane	145		140		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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 Batch: WG2036463-3 WG2036463-4								
Vinyl chloride	122		117		67-130	4		30
Chloroethane	123		119		50-151	3		30
1,1-Dichloroethene	118		114		65-135	3		30
trans-1,2-Dichloroethene	115		112		70-130	3		30
Trichloroethene	124		120		70-130	3		30
1,2-Dichlorobenzene	110		108		70-130	2		30
1,3-Dichlorobenzene	113		109		70-130	4		30
1,4-Dichlorobenzene	111		108		70-130	3		30
Methyl tert butyl ether	105		106		66-130	1		30
p/m-Xylene	117		114		70-130	3		30
o-Xylene	115		113		70-130	2		30
cis-1,2-Dichloroethene	112		108		70-130	4		30
Dibromomethane	113		114		70-130	1		30
Styrene	110		109		70-130	1		30
Dichlorodifluoromethane	107		100		30-146	7		30
Acetone	92		92		54-140	0		30
Carbon disulfide	108		104		59-130	4		30
2-Butanone	106		111		70-130	5		30
Vinyl acetate	120		117		70-130	3		30
4-Methyl-2-pentanone	102		106		70-130	4		30
1,2,3-Trichloropropane	105		107		68-130	2		30
2-Hexanone	100		104		70-130	4		30
Bromochloromethane	108		107		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

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 Batch: WG2036463-3 WG2036463-4								
2,2-Dichloropropane	122		118		70-130	3		30
1,2-Dibromoethane	98		100		70-130	2		30
1,3-Dichloropropane	109		109		69-130	0		30
1,1,1,2-Tetrachloroethane	113		113		70-130	0		30
Bromobenzene	113		111		70-130	2		30
n-Butylbenzene	122		115		70-130	6		30
sec-Butylbenzene	119		113		70-130	5		30
tert-Butylbenzene	117		113		70-130	3		30
o-Chlorotoluene	114		110		70-130	4		30
p-Chlorotoluene	115		111		70-130	4		30
1,2-Dibromo-3-chloropropane	96		97		68-130	1		30
Hexachlorobutadiene	110		109		67-130	1		30
Isopropylbenzene	120		114		70-130	5		30
p-Isopropyltoluene	119		113		70-130	5		30
Naphthalene	106		108		70-130	2		30
Acrylonitrile	102		104		70-130	2		30
n-Propylbenzene	122		117		70-130	4		30
1,2,3-Trichlorobenzene	106		108		70-130	2		30
1,2,4-Trichlorobenzene	115		112		70-130	3		30
1,3,5-Trimethylbenzene	117		112		70-130	4		30
1,2,4-Trimethylbenzene	118		112		70-130	5		30
1,4-Dioxane	112		111		65-136	1		30
p-Diethylbenzene	121		114		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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 Batch: WG2036463-3 WG2036463-4								
p-Ethyltoluene	120		114		70-130	5		30
1,2,4,5-Tetramethylbenzene	114		110		70-130	4		30
Ethyl ether	109		110		67-130	1		30
trans-1,4-Dichloro-2-butene	122		123		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2037795-3 WG2037795-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	98		94		70-130	4		20
Carbon tetrachloride	99		94		63-132	5		20
1,2-Dichloropropane	97		96		70-130	1		20
Dibromochloromethane	95		94		63-130	1		20
1,1,2-Trichloroethane	94		93		70-130	1		20
Tetrachloroethene	95		92		70-130	3		20
Chlorobenzene	100		97		75-130	3		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	95		96		70-130	1		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	96		95		67-130	1		20
trans-1,3-Dichloropropene	91		88		70-130	3		20
cis-1,3-Dichloropropene	100		99		70-130	1		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	91		91		54-136	0		20
1,1,2,2-Tetrachloroethane	97		97		67-130	0		20
Benzene	96		93		70-130	3		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	88		86		64-130	2		20
Bromomethane	77		75		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2037795-3 WG2037795-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	100		97		55-138	3		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	97		96		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	99		98		63-130	1		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	96		97		70-130	1		20
1,2,3-Trichloropropane	94		97		64-130	3		20
Acrylonitrile	89		94		70-130	5		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	84		81		36-147	4		20
Acetone	98		93		58-148	5		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	110		97		63-138	13		20
Vinyl acetate	87		87		70-130	0		20
4-Methyl-2-pentanone	79		80		59-130	1		20
2-Hexanone	83		82		57-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2037795-3 WG2037795-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	100		95		70-130	5		20
1,3-Dichloropropane	97		95		70-130	2		20
1,1,1,2-Tetrachloroethane	95		93		64-130	2		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	94		98		41-144	4		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	100		100		70-130	0		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	96		96		56-162	0		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2037795-3 WG2037795-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	110		100		59-134	10		20
trans-1,4-Dichloro-2-butene	90		88		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	109		108		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-01
Client ID: SB-401 (0.5-1.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 15:20
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/04/25 07:44
Analyst: EK
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 03/03/25 09:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	200	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	29.	1
Hexachlorobenzene	ND		ug/kg	150	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	230	34.	1
2-Chloronaphthalene	ND		ug/kg	250	25.	1
1,2-Dichlorobenzene	ND		ug/kg	250	45.	1
1,3-Dichlorobenzene	ND		ug/kg	250	43.	1
1,4-Dichlorobenzene	ND		ug/kg	250	44.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	67.	1
2,4-Dinitrotoluene	ND		ug/kg	250	50.	1
2,6-Dinitrotoluene	ND		ug/kg	250	43.	1
Fluoranthene	ND		ug/kg	150	29.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	27.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	43.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	25.	1
Hexachlorobutadiene	ND		ug/kg	250	37.	1
Hexachlorocyclopentadiene	ND		ug/kg	720	230	1
Hexachloroethane	ND		ug/kg	200	41.	1
Isophorone	ND		ug/kg	230	33.	1
Naphthalene	ND		ug/kg	250	31.	1
Nitrobenzene	ND		ug/kg	230	37.	1
NDPA/DPA	ND		ug/kg	200	29.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	39.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	87.	1
Butyl benzyl phthalate	ND		ug/kg	250	63.	1
Di-n-butylphthalate	ND		ug/kg	250	48.	1
Di-n-octylphthalate	ND		ug/kg	250	85.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-01 Date Collected: 02/28/25 15:20

Client ID: SB-401 (0.5-1.0) Date Received: 02/28/25

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	250	23.	1
Dimethyl phthalate	ND		ug/kg	250	53.	1
Benzo(a)anthracene	ND		ug/kg	150	28.	1
Benzo(a)pyrene	ND		ug/kg	200	61.	1
Benzo(b)fluoranthene	ND		ug/kg	150	42.	1
Benzo(k)fluoranthene	ND		ug/kg	150	40.	1
Chrysene	39	J	ug/kg	150	26.	1
Acenaphthylene	ND		ug/kg	200	39.	1
Anthracene	ND		ug/kg	150	49.	1
Benzo(ghi)perylene	ND		ug/kg	200	30.	1
Fluorene	ND		ug/kg	250	24.	1
Phenanthrene	45	J	ug/kg	150	30.	1
Dibenzo(a,h)anthracene	ND		ug/kg	150	29.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	200	35.	1
Pyrene	25	J	ug/kg	150	25.	1
Biphenyl	ND		ug/kg	570	33.	1
4-Chloroaniline	ND		ug/kg	250	46.	1
2-Nitroaniline	ND		ug/kg	250	48.	1
3-Nitroaniline	ND		ug/kg	250	47.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	ND		ug/kg	250	24.	1
2-Methylnaphthalene	33	J	ug/kg	300	30.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	26.	1
Acetophenone	ND		ug/kg	250	31.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	48.	1
p-Chloro-m-cresol	ND		ug/kg	250	37.	1
2-Chlorophenol	ND		ug/kg	250	30.	1
2,4-Dichlorophenol	ND		ug/kg	230	40.	1
2,4-Dimethylphenol	ND		ug/kg	250	83.	1
2-Nitrophenol	ND		ug/kg	540	94.	1
4-Nitrophenol	ND		ug/kg	350	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	650	120	1
Pentachlorophenol	ND		ug/kg	200	55.	1
Phenol	ND		ug/kg	250	38.	1
2-Methylphenol	ND		ug/kg	250	39.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	360	39.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-01 Date Collected: 02/28/25 15:20

Client ID: SB-401 (0.5-1.0) Date Received: 02/28/25

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	250	48.	1
Benzoic Acid	ND		ug/kg	810	250	1
Benzyl Alcohol	ND		ug/kg	250	77.	1
Carbazole	ND		ug/kg	250	24.	1
1,4-Dioxane	ND		ug/kg	38	12.	1
Tentatively Identified Compounds						
Total TIC Compounds	74900	J	ug/kg			1
Unknown	4640	J	ug/kg			1
Unknown	1370	J	ug/kg			1
Unknown	770	J	ug/kg			1
Unknown	715	J	ug/kg			1
Unknown	1090	J	ug/kg			1
Unknown	897	J	ug/kg			1
Unknown	1410	J	ug/kg			1
Unknown	10600	J	ug/kg			1
Unknown	1010	J	ug/kg			1
Unknown	1490	J	ug/kg			1
Unknown	3310	J	ug/kg			1
Unknown	629	J	ug/kg			1
Unknown	3450	J	ug/kg			1
Unknown	42800	J	ug/kg			1
Unknown	692	J	ug/kg			1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-01 Date Collected: 02/28/25 15:20

Client ID: SB-401 (0.5-1.0) Date Received: 02/28/25

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						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	18		10-136
4-Terphenyl-d14	65		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-02
Client ID: SB-402 (0.5-1.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 12:30
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/04/25 04:37
Analyst: EK
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 03/03/25 09:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	39.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	92	J	ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	33	J	ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	1700		ug/kg	230	79.	1
Butyl benzyl phthalate	790		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-02 Date Collected: 02/28/25 12:30

Client ID: SB-402 (0.5-1.0) Date Received: 02/28/25

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	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	54	J	ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	180	56.	1
Benzo(b)fluoranthene	69	J	ug/kg	140	38.	1
Benzo(k)fluoranthene	ND		ug/kg	140	37.	1
Chrysene	74	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	140	45.	1
Benzo(ghi)perylene	37	J	ug/kg	180	27.	1
Fluorene	ND		ug/kg	230	22.	1
Phenanthrene	87	J	ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	32	J	ug/kg	180	32.	1
Pyrene	90	J	ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	95.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	56	J	ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	500	86.	1
4-Nitrophenol	ND		ug/kg	320	94.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-02 Date Collected: 02/28/25 12:30

Client ID: SB-402 (0.5-1.0) Date Received: 02/28/25

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	230	44.	1
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	ND		ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1
Tentatively Identified Compounds						
Total TIC Compounds	11000	J	ug/kg			1
Unknown Organic Acid	457	J	ug/kg			1
Unknown Organic Acid	489	J	ug/kg			1
Unknown	7100	J	ug/kg			1
Unknown	216	J	ug/kg			1
Unknown	2150	J	ug/kg			1
Unknown Organic Acid	310	J	ug/kg			1
Unknown	265	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	65		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-03
Client ID: SB-404 (3.25-3.75)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 15:15
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/04/25 02:16
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/03/25 09:03

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	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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	56	J	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	150	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	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	230		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	46	J	ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-03 Date Collected: 02/28/25 15:15

Client ID: SB-404 (3.25-3.75) Date Received: 02/28/25

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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	38	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	46	J	ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	36	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	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	ND		ug/kg	150	27.	1
Pyrene	43	J	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	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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-03 Date Collected: 02/28/25 15:15

Client ID: SB-404 (3.25-3.75) Date Received: 02/28/25

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	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	7800	J	ug/kg			1
Unknown	6270	J	ug/kg			1
Unknown	382	J	ug/kg			1
Unknown Organic Acid	230	J	ug/kg			1
Unknown Organic Acid	429	J	ug/kg			1
Unknown	160	J	ug/kg			1
Unknown	324	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	82		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-04
Client ID: SB-407 (1.0-1.5)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 14:50
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/04/25 05:00
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/03/25 09:03

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	570		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	230	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	24	J	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	66.	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-04 Date Collected: 02/28/25 14:50

Client ID: SB-407 (1.0-1.5) Date Received: 02/28/25

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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	310		ug/kg	120	22.	1
Benzo(a)pyrene	320		ug/kg	160	48.	1
Benzo(b)fluoranthene	370		ug/kg	120	33.	1
Benzo(k)fluoranthene	140		ug/kg	120	31.	1
Chrysene	320		ug/kg	120	20.	1
Acenaphthylene	58	J	ug/kg	160	30.	1
Anthracene	77	J	ug/kg	120	38.	1
Benzo(ghi)perylene	210		ug/kg	160	23.	1
Fluorene	36	J	ug/kg	200	19.	1
Phenanthrene	260		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	55	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	160	27.	1
Pyrene	550		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	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	26	J	ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	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	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-04 Date Collected: 02/28/25 14:50

Client ID: SB-407 (1.0-1.5) Date Received: 02/28/25

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	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	30	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	1090	J	ug/kg			1
Tetrachloroethene	668	NJ	ug/kg			1
Unknown PAH	260	J	ug/kg			1
Unknown PAH	157	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	52		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-05
Client ID: SB-408 (1.5-2.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 10:15
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/04/25 01:06
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/03/25 09:03

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	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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	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	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	150	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	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	73	J	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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-05 Date Collected: 02/28/25 10:15

Client ID: SB-408 (1.5-2.0) Date Received: 02/28/25

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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	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	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	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	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	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	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., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-05 Date Collected: 02/28/25 10:15

Client ID: SB-408 (1.5-2.0) Date Received: 02/28/25

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	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	6910	J	ug/kg			1
Cyclic Octaatomic Sulfur	6010	NJ	ug/kg			1
Unknown	190	J	ug/kg			1
Sulfur	309	NJ	ug/kg			1
Unknown	401	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	80		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06
Client ID: TW-401
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 15:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/05/25 20:36
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 03/03/25 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06 Date Collected: 02/28/25 15:00

Client ID: TW-401 Date Received: 02/28/25

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						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	14.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	4.30	J	ug/l			1
Unknown Organic Acid	4.30	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	79		41-149

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Lab Number: L2511313
Project Number: 12587
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06
Client ID: TW-401
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 15:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/04/25 13:06
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 03/03/25 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.04	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.02	1
Pyrene	0.06	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06 Date Collected: 02/28/25 15:00

Client ID: TW-401 Date Received: 02/28/25

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-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	94		41-149

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Lab Number: L2511313
Project Number: 12587
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06
Client ID: TW-401
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 15:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/04/25 17:27
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 03/03/25 15:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Lab Number: L2511313
Project Number: 12587
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06 RE
Client ID: TW-401
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 15:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 03/18/25 00:44
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 03/17/25 08:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.20	J	ng/l	64.0	5.28	1
Perfluoropentanoic Acid (PFPeA)	11.2	J	ng/l	32.0	3.60	1
Perfluorobutanesulfonic Acid (PFBS)	5.52	J	ng/l	16.0	4.00	1
Perfluorohexanoic Acid (PFHxA)	9.12	J	ng/l	16.0	2.48	1
Perfluoroheptanoic Acid (PFHpA)	4.16	JF	ng/l	16.0	2.40	1
Perfluorohexanesulfonic Acid (PFHxS)	3.28	J	ng/l	16.0	1.36	1
Perfluorooctanoic Acid (PFOA)	16.1		ng/l	16.0	2.64	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	64.0	48.2	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	16.0	2.00	1
Perfluorononanoic Acid (PFNA)	4.00	J	ng/l	16.0	2.64	1
Perfluorooctanesulfonic Acid (PFOS)	57.0		ng/l	16.0	2.64	1
Perfluorodecanoic Acid (PFDA)	3.44	J	ng/l	16.0	2.08	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	64.0	12.2	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	16.0	4.80	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	16.0	1.76	1
Perfluorodecanesulfonic Acid (PFDS)	4.32	J	ng/l	16.0	1.36	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	16.0	0.960	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	16.0	4.80	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	16.0	2.16	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	16.0	1.84	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	16.0	1.60	1
PFOA/PFOS, Total	73.1		ng/l	16.0	2.64	1

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06 RE Date Collected: 02/28/25 15:00

Client ID: TW-401 Date Received: 02/28/25

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)	95		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		40-135
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	98		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	114		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	51		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	60		10-130

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/03/25 12:48
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2035737-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/03/25 12:48
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2035737-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/03/25 12:48
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2035737-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	4.90	J	ug/l
Unknown	4.90	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	73		41-149

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/03/25 09:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG2035738-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/03/25 09:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG2035738-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	94		41-149

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/04/25 00:51
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 03/03/25 09:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2035932-1					
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	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	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., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/04/25 00:51
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 03/03/25 09:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2035932-1					
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., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/04/25 00:51
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 03/03/25 09:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2035932-1					
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	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	79		18-120

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/04/25 10:35
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 03/03/25 15:45

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 06 Batch: WG2036141-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/18/25 00:17
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 03/17/25 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG2041145-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
PFOA/PFOS, Total	ND		ng/l	1.60	0.264

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/18/25 00:17
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 03/17/25 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG2041145-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	112		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	107		40-135
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	109		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	123		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	123		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	108		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	104		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	103		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	89		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	96		10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2035737-2 WG2035737-3								
Acenaphthene	58		63		37-111	8		30
1,2,4-Trichlorobenzene	53		56		39-98	6		30
Hexachlorobenzene	72		75		40-140	4		30
Bis(2-chloroethyl)ether	52		53		40-140	2		30
2-Chloronaphthalene	58		61		40-140	5		30
1,2-Dichlorobenzene	49		53		40-140	8		30
1,3-Dichlorobenzene	47		51		40-140	8		30
1,4-Dichlorobenzene	50		50		36-97	0		30
3,3'-Dichlorobenzidine	53		57		40-140	7		30
2,4-Dinitrotoluene	74		72		48-143	3		30
2,6-Dinitrotoluene	70		77		40-140	10		30
Fluoranthene	74		79		40-140	7		30
4-Chlorophenyl phenyl ether	69		73		40-140	6		30
4-Bromophenyl phenyl ether	73		74		40-140	1		30
Bis(2-chloroisopropyl)ether	44		45		40-140	2		30
Bis(2-chloroethoxy)methane	55		57		40-140	4		30
Hexachlorobutadiene	53		56		40-140	6		30
Hexachlorocyclopentadiene	57		62		40-140	8		30
Hexachloroethane	41		47		40-140	14		30
Isophorone	55		59		40-140	7		30
Naphthalene	52		55		40-140	6		30
Nitrobenzene	54		58		40-140	7		30
NDPA/DPA	69		70		40-140	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2035737-2 WG2035737-3								
n-Nitrosodi-n-propylamine	54		54		29-132	0		30
Bis(2-ethylhexyl)phthalate	62		66		40-140	6		30
Butyl benzyl phthalate	65		71		40-140	9		30
Di-n-butylphthalate	67		72		40-140	7		30
Di-n-octylphthalate	60		64		40-140	6		30
Diethyl phthalate	65		70		40-140	7		30
Dimethyl phthalate	72		78		40-140	8		30
Benzo(a)anthracene	70		73		40-140	4		30
Benzo(a)pyrene	78		83		40-140	6		30
Benzo(b)fluoranthene	78		81		40-140	4		30
Benzo(k)fluoranthene	76		78		40-140	3		30
Chrysene	71		73		40-140	3		30
Acenaphthylene	68		72		45-123	6		30
Anthracene	69		72		40-140	4		30
Benzo(ghi)perylene	75		77		40-140	3		30
Fluorene	68		70		40-140	3		30
Phenanthrene	68		73		40-140	7		30
Dibenzo(a,h)anthracene	77		79		40-140	3		30
Indeno(1,2,3-cd)pyrene	76		81		40-140	6		30
Pyrene	71		77		26-127	8		30
Biphenyl	74		77		40-140	4		30
4-Chloroaniline	47		45		40-140	4		30
2-Nitroaniline	71		78		52-143	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2035737-2 WG2035737-3								
3-Nitroaniline	67		66		25-145	2		30
4-Nitroaniline	73		73		51-143	0		30
Dibenzofuran	64		67		40-140	5		30
2-Methylnaphthalene	53		55		40-140	4		30
1,2,4,5-Tetrachlorobenzene	68		73		2-134	7		30
Acetophenone	69		67		39-129	3		30
2,4,6-Trichlorophenol	64		72		30-130	12		30
p-Chloro-m-cresol	64		73		23-97	13		30
2-Chlorophenol	56		62		27-123	10		30
2,4-Dichlorophenol	63		64		30-130	2		30
2,4-Dimethylphenol	55		67		30-130	20		30
2-Nitrophenol	63		63		30-130	0		30
4-Nitrophenol	46		48		10-80	4		30
2,4-Dinitrophenol	78		80		20-130	3		30
4,6-Dinitro-o-cresol	73		78		20-164	7		30
Pentachlorophenol	77		82		9-103	6		30
Phenol	33		37		12-110	11		30
2-Methylphenol	52		56		30-130	7		30
3-Methylphenol/4-Methylphenol	54		56		30-130	4		30
2,4,5-Trichlorophenol	74		74		30-130	0		30
Benzoic Acid	20		23		10-164	14		30
Benzyl Alcohol	57		56		26-116	2		30
Carbazole	69		74		55-144	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2035737-2 WG2035737-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		42		21-120
Phenol-d6	30		31		10-120
Nitrobenzene-d5	49		55		23-120
2-Fluorobiphenyl	63		64		15-120
2,4,6-Tribromophenol	70		73		10-120
4-Terphenyl-d14	74		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 06		Batch: WG2035738-2 WG2035738-3					
Acenaphthene	70		70		40-140	0		40
2-Chloronaphthalene	58		73		40-140	23		40
Fluoranthene	98		80		40-140	20		40
Hexachlorobutadiene	52		59		40-140	13		40
Naphthalene	55		63		40-140	14		40
Benzo(a)anthracene	81		80		40-140	1		40
Benzo(a)pyrene	95		97		40-140	2		40
Benzo(b)fluoranthene	75		86		40-140	14		40
Benzo(k)fluoranthene	79		88		40-140	11		40
Chrysene	81		82		40-140	1		40
Acenaphthylene	67		88		40-140	27		40
Anthracene	85		83		40-140	2		40
Benzo(ghi)perylene	82		109		40-140	28		40
Fluorene	84		80		40-140	5		40
Phenanthrene	79		78		40-140	1		40
Dibenzo(a,h)anthracene	106		103		40-140	3		40
Indeno(1,2,3-cd)pyrene	109		106		40-140	3		40
Pyrene	90		78		40-140	14		40
2-Methylnaphthalene	62		67		40-140	8		40
Pentachlorophenol	101		87		40-140	15		40
Hexachlorobenzene	90		79		40-140	13		40
Hexachloroethane	53		59		40-140	11		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06 Batch: WG2035738-2 WG2035738-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		56		21-120
Phenol-d6	38		43		10-120
Nitrobenzene-d5	71		76		23-120
2-Fluorobiphenyl	60		74		15-120
2,4,6-Tribromophenol	111		95		10-120
4-Terphenyl-d14	92		75		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2035932-2 WG2035932-3								
Acenaphthene	82		84		31-137	2		50
1,2,4-Trichlorobenzene	75		78		38-107	4		50
Hexachlorobenzene	85		86		40-140	1		50
Bis(2-chloroethyl)ether	76		82		40-140	8		50
2-Chloronaphthalene	82		85		40-140	4		50
1,2-Dichlorobenzene	74		77		40-140	4		50
1,3-Dichlorobenzene	74		78		40-140	5		50
1,4-Dichlorobenzene	73		76		28-104	4		50
3,3'-Dichlorobenzidine	50		49		40-140	2		50
2,4-Dinitrotoluene	105		108		40-132	3		50
2,6-Dinitrotoluene	99		101		40-140	2		50
Fluoranthene	86		88		40-140	2		50
4-Chlorophenyl phenyl ether	84		85		40-140	1		50
4-Bromophenyl phenyl ether	87		88		40-140	1		50
Bis(2-chloroisopropyl)ether	80		83		40-140	4		50
Bis(2-chloroethoxy)methane	83		86		40-117	4		50
Hexachlorobutadiene	78		82		40-140	5		50
Hexachlorocyclopentadiene	105		112		40-140	6		50
Hexachloroethane	76		80		40-140	5		50
Isophorone	82		84		40-140	2		50
Naphthalene	79		84		40-140	6		50
Nitrobenzene	85		92		40-140	8		50
NDPA/DPA	86		88		36-157	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2035932-2 WG2035932-3								
n-Nitrosodi-n-propylamine	81		84		32-121	4		50
Bis(2-ethylhexyl)phthalate	96		99		40-140	3		50
Butyl benzyl phthalate	98		102		40-140	4		50
Di-n-butylphthalate	93		96		40-140	3		50
Di-n-octylphthalate	101		106		40-140	5		50
Diethyl phthalate	87		89		40-140	2		50
Dimethyl phthalate	89		91		40-140	2		50
Benzo(a)anthracene	83		86		40-140	4		50
Benzo(a)pyrene	85		86		40-140	1		50
Benzo(b)fluoranthene	80		82		40-140	2		50
Benzo(k)fluoranthene	89		89		40-140	0		50
Chrysene	81		83		40-140	2		50
Acenaphthylene	94		97		40-140	3		50
Anthracene	86		87		40-140	1		50
Benzo(ghi)perylene	90		94		40-140	4		50
Fluorene	85		87		40-140	2		50
Phenanthrene	84		86		40-140	2		50
Dibenzo(a,h)anthracene	87		90		40-140	3		50
Indeno(1,2,3-cd)pyrene	91		91		40-140	0		50
Pyrene	85		86		35-142	1		50
Biphenyl	85		88		37-127	3		50
4-Chloroaniline	75		76		40-140	1		50
2-Nitroaniline	106		110		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2035932-2 WG2035932-3								
3-Nitroaniline	56		52		26-129	7		50
4-Nitroaniline	92		95		41-125	3		50
Dibenzofuran	84		86		40-140	2		50
2-Methylnaphthalene	76		81		40-140	6		50
1,2,4,5-Tetrachlorobenzene	84		87		40-117	4		50
Acetophenone	84		87		14-144	4		50
2,4,6-Trichlorophenol	89		93		30-130	4		50
p-Chloro-m-cresol	91		95		26-103	4		50
2-Chlorophenol	83		85		25-102	2		50
2,4-Dichlorophenol	84		88		30-130	5		50
2,4-Dimethylphenol	96		98		30-130	2		50
2-Nitrophenol	98		104		30-130	6		50
4-Nitrophenol	**119**	Q	**126**	Q	11-114	6		50
2,4-Dinitrophenol	107		111		4-130	4		50
4,6-Dinitro-o-cresol	114		116		10-130	2		50
Pentachlorophenol	97		99		17-109	2		50
Phenol	85		89		26-90	5		50
2-Methylphenol	88		91		30-130.	3		50
3-Methylphenol/4-Methylphenol	87		90		30-130	3		50
2,4,5-Trichlorophenol	91		95		30-130	4		50
Benzoic Acid	95		104		10-110	9		50
Benzyl Alcohol	87		90		40-140	3		50
Carbazole	86		88		54-128	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2035932-2 WG2035932-3								
1,4-Dioxane	69		71		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		90		25-120
Phenol-d6	83		86		10-120
Nitrobenzene-d5	88		91		23-120
2-Fluorobiphenyl	84		86		30-120
2,4,6-Tribromophenol	88		88		10-136
4-Terphenyl-d14	87		89		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 06		Batch: WG2036141-2		WG2036141-3			
1,4-Dioxane	111		110		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	42		48		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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): 06 Batch: WG2041145-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	106		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	96		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	100		-		60-145	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		70-145	-		30
Perfluoroheptanoic Acid (PFHpA)	89		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	91		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	104		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	112		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	115		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	99		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	99		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	102		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	122		-		60-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	81		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	86		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		70-145	-		30
Perfluorododecanoic Acid (PFDoA)	113		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	106		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	113		-		60-140	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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): 06 Batch: WG2041145-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	103				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				40-135
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	108				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	112				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	113				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	107				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	98				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	91				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	102				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	101				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	88				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	89				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2041145-3								
Perfluorobutanoic Acid (PFBA)	104		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		60-145	-		30
Perfluorohexanoic Acid (PFHxA)	115		-		70-145	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	99		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	108		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	108		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	95		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	101		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	93		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		60-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	95		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	94		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	97		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	93		-		70-145	-		30
Perfluorododecanoic Acid (PFDoA)	97		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	105		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		60-140	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2041145-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94				40-135
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	98				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	111				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	104				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90				10-130

PCBS

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Lab Number: L2511313
Project Number: 12587
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06
Client ID: TW-401
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 02/28/25 15:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/04/25 19:34
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 07:32
Cleanup Method: EPA 3665A
Cleanup Date: 03/04/25
Cleanup Method: EPA 3660B
Cleanup Date: 03/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/04/25 01:47
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 03/03/25 10:01
Cleanup Method: EPA 3665A
Cleanup Date: 03/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 03/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06 Batch: WG2035981-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06 Batch: WG2035981-2 WG2035981-3									
Aroclor 1016	61		62		40-140	1		50	A
Aroclor 1260	60		61		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		63		30-150	A
Decachlorobiphenyl	55		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		59		30-150	B
Decachlorobiphenyl	52		53		30-150	B

PESTICIDES

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Lab Number: L2511313
Project Number: 12587
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06
Client ID: TW-401
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Date Collected: 02/28/25 15:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/04/25 17:04
Analyst: JAG
Extraction Method: EPA 3510C
Extraction Date: 03/04/25 13:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.005	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.013	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.094	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06 Date Collected: 02/28/25 15:00

Client ID: TW-401 Date Received: 02/28/25

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	94		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	41		30-150	A

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/04/25 16:42
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 13:17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06 Batch: WG2036543-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.005	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.013	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.094	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/04/25 16:42
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 13:17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06 Batch: WG2036543-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	99		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06 Batch: WG2036543-2 WG2036543-3									
Delta-BHC	72		74		30-150	3		20	A
Lindane	94		92		30-150	2		20	A
Alpha-BHC	97		102		30-150	5		20	A
Beta-BHC	91		93		30-150	2		20	A
Heptachlor	93		91		30-150	3		20	A
Aldrin	95		91		30-150	4		20	A
Heptachlor epoxide	90		87		30-150	4		20	A
Endrin	91		88		30-150	3		20	A
Endrin aldehyde	84		82		30-150	2		20	A
Endrin ketone	93		90		30-150	3		20	A
Dieldrin	97		92		30-150	5		20	A
4,4'-DDE	91		86		30-150	6		20	A
4,4'-DDD	97		92		30-150	6		20	A
4,4'-DDT	93		88		30-150	5		20	A
Endosulfan I	89		87		30-150	2		20	A
Endosulfan II	89		86		30-150	3		20	A
Endosulfan sulfate	83		81		30-150	3		20	A
Methoxychlor	90		88		30-150	2		20	A
cis-Chlordane	88		83		30-150	5		20	A
trans-Chlordane	102		97		30-150	5		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06 Batch: WG2036543-2 WG2036543-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		94		30-150	B
Decachlorobiphenyl	92		87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	95		95		30-150	A
Decachlorobiphenyl	95		93		30-150	A

METALS

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-01 Date Collected: 02/28/25 15:20

Client ID: SB-401 (0.5-1.0) Date Received: 02/28/25

Sample Location: 466 MAIN ST., NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1040		mg/kg	11.8	3.82	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	5.88	4.52	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Arsenic, Total	ND		mg/kg	1.18	0.508	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Barium, Total	10.1		mg/kg	1.18	0.124	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Beryllium, Total	ND		mg/kg	0.588	0.065	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.080	J	mg/kg	1.18	0.065	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Calcium, Total	16700		mg/kg	11.8	6.66	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Chromium, Total	2.57		mg/kg	1.18	0.997	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Cobalt, Total	0.411	J	mg/kg	2.35	0.291	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Copper, Total	6.07		mg/kg	1.18	0.267	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Iron, Total	886		mg/kg	5.88	1.23	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Lead, Total	9.43		mg/kg	5.88	0.280	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Magnesium, Total	1240		mg/kg	11.8	1.92	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Manganese, Total	29.0		mg/kg	1.18	0.630	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.108	0.071	1	03/05/25 12:35	03/05/25 15:38	EPA 7471B	1,7471B	CME
Nickel, Total	2.82	J	mg/kg	2.94	0.950	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Potassium, Total	189	J	mg/kg	294	59.6	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	2.35	0.387	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.588	0.350	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Sodium, Total	609		mg/kg	235	124.	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	2.35	1.06	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Vanadium, Total	13.5		mg/kg	1.18	0.177	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA
Zinc, Total	22.4		mg/kg	5.88	0.712	2	03/05/25 10:45	03/07/25 14:35	EPA 3050B	1,6010D	TAA

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-02 Date Collected: 02/28/25 12:30

Client ID: SB-402 (0.5-1.0) Date Received: 02/28/25

Sample Location: 466 MAIN ST., NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3600		mg/kg	10.9	3.55	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	5.46	4.21	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Arsenic, Total	4.55		mg/kg	1.09	0.472	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Barium, Total	79.5		mg/kg	1.09	0.116	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.313	J	mg/kg	0.546	0.060	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	1.09	0.060	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Calcium, Total	24200		mg/kg	10.9	6.20	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Chromium, Total	5.37		mg/kg	1.09	0.927	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Cobalt, Total	5.82		mg/kg	2.18	0.271	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Copper, Total	19.4		mg/kg	1.09	0.248	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Iron, Total	8590		mg/kg	5.46	1.15	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Lead, Total	35.7		mg/kg	5.46	0.260	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Magnesium, Total	3560		mg/kg	10.9	1.78	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Manganese, Total	773		mg/kg	1.09	0.586	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.099	0.065	1	03/05/25 12:35	03/05/25 15:42	EPA 7471B	1,7471B	CME
Nickel, Total	11.9		mg/kg	2.73	0.883	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Potassium, Total	437		mg/kg	273	55.4	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	2.18	0.360	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.546	0.326	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Sodium, Total	151	J	mg/kg	218	116.	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	2.18	0.986	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Vanadium, Total	12.1		mg/kg	1.09	0.165	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA
Zinc, Total	33.4		mg/kg	5.46	0.662	2	03/05/25 10:45	03/07/25 14:42	EPA 3050B	1,6010D	TAA

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Lab Number: L2511313
Project Number: 12587
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-03
Client ID: SB-404 (3.25-3.75)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Date Collected: 02/28/25 15:15
Date Received: 02/28/25
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	6880		mg/kg	8.96	2.91	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.48	3.45	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Arsenic, Total	0.718	J	mg/kg	0.896	0.387	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Barium, Total	63.7		mg/kg	0.896	0.095	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.093	J	mg/kg	0.448	0.049	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.896	0.049	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Calcium, Total	2550		mg/kg	8.96	5.08	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Chromium, Total	20.7		mg/kg	0.896	0.760	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Cobalt, Total	6.86		mg/kg	1.79	0.222	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Copper, Total	14.9		mg/kg	0.896	0.203	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Iron, Total	14700		mg/kg	4.48	0.941	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Lead, Total	3.07	J	mg/kg	4.48	0.213	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Magnesium, Total	3680		mg/kg	8.96	1.46	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Manganese, Total	196		mg/kg	0.896	0.480	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/05/25 12:35	03/05/25 15:45	EPA 7471B	1,7471B	CME
Nickel, Total	16.2		mg/kg	2.24	0.724	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Potassium, Total	4310		mg/kg	224	45.4	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.79	0.295	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.448	0.267	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Sodium, Total	ND		mg/kg	179	95.0	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	1.79	0.808	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Vanadium, Total	22.1		mg/kg	0.896	0.135	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA
Zinc, Total	30.8		mg/kg	4.48	0.543	2	03/05/25 10:45	03/07/25 14:48	EPA 3050B	1,6010D	TAA

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-04 Date Collected: 02/28/25 14:50

Client ID: SB-407 (1.0-1.5) Date Received: 02/28/25

Sample Location: 466 MAIN ST., 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	5700		mg/kg	9.34	3.03	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.67	3.59	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Arsenic, Total	2.35		mg/kg	0.934	0.403	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Barium, Total	96.3		mg/kg	0.934	0.099	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.160	J	mg/kg	0.467	0.051	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.934	0.051	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Calcium, Total	17200		mg/kg	9.34	5.29	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Chromium, Total	13.1		mg/kg	0.934	0.792	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Cobalt, Total	5.40		mg/kg	1.87	0.232	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Copper, Total	24.2		mg/kg	0.934	0.212	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Iron, Total	13200		mg/kg	4.67	0.980	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Lead, Total	150		mg/kg	4.67	0.222	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Magnesium, Total	4790		mg/kg	9.34	1.52	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Manganese, Total	483		mg/kg	0.934	0.500	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Mercury, Total	0.246		mg/kg	0.075	0.049	1	03/05/25 12:35	03/05/25 15:55	EPA 7471B	1,7471B	CME
Nickel, Total	13.0		mg/kg	2.33	0.754	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Potassium, Total	2280		mg/kg	233	47.3	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.87	0.307	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.467	0.278	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Sodium, Total	178	J	mg/kg	187	99.0	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Thallium, Total	ND		mg/kg	1.87	0.842	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Vanadium, Total	18.1		mg/kg	0.934	0.141	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA
Zinc, Total	88.5		mg/kg	4.67	0.566	2	03/05/25 10:45	03/07/25 14:54	EPA 3050B	1,6010D	TAA

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Lab Number: L2511313
Project Number: 12587
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-05
Client ID: SB-408 (1.5-2.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Date Collected: 02/28/25 10:15
Date Received: 02/28/25
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	16200		mg/kg	9.13	2.97	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Antimony, Total	ND		mg/kg	4.57	3.52	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Arsenic, Total	0.960	J	mg/kg	1.83	0.789	4	03/05/25 10:45	03/07/25 15:26	EPA 3050B	1,6010D	TAA
Barium, Total	204		mg/kg	1.83	0.194	4	03/05/25 10:45	03/07/25 15:26	EPA 3050B	1,6010D	TAA
Beryllium, Total	ND		mg/kg	0.457	0.050	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.913	0.050	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Calcium, Total	2470		mg/kg	9.13	5.18	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Chromium, Total	66.7		mg/kg	0.913	0.774	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Cobalt, Total	14.3		mg/kg	1.83	0.226	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Copper, Total	98.4		mg/kg	0.913	0.207	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Iron, Total	31600		mg/kg	9.13	1.92	4	03/05/25 10:45	03/07/25 15:26	EPA 3050B	1,6010D	TAA
Lead, Total	1.28	J	mg/kg	4.57	0.217	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Magnesium, Total	14200		mg/kg	9.13	1.49	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Manganese, Total	408		mg/kg	0.913	0.490	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.076	0.049	1	03/05/25 12:35	03/05/25 15:58	EPA 7471B	1,7471B	CME
Nickel, Total	119		mg/kg	2.28	0.738	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Potassium, Total	11200		mg/kg	228	46.3	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.83	0.300	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Silver, Total	0.420	J	mg/kg	0.457	0.272	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Sodium, Total	162	J	mg/kg	183	96.8	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Thallium, Total	2.89	J	mg/kg	3.65	1.65	4	03/05/25 10:45	03/07/25 15:26	EPA 3050B	1,6010D	TAA
Vanadium, Total	71.0		mg/kg	0.913	0.138	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA
Zinc, Total	61.2		mg/kg	4.57	0.554	2	03/05/25 10:45	03/07/25 15:00	EPA 3050B	1,6010D	TAA

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06 Date Collected: 02/28/25 15:00

Client ID: TW-401 Date Received: 02/28/25

Sample Location: 466 MAIN ST., 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	140.		mg/l	0.100	0.0327	10	03/04/25 10:26	03/05/25 17:06	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00171	J	mg/l	0.00400	0.00042	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.02796		mg/l	0.00050	0.00016	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Barium, Total	4.480		mg/l	0.00050	0.00017	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Beryllium, Total	0.01204		mg/l	0.00050	0.00010	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00591		mg/l	0.00020	0.00005	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Calcium, Total	386.		mg/l	1.00	0.394	10	03/04/25 10:26	03/05/25 17:06	EPA 3005A	1,6020B	NTB
Chromium, Total	0.2135		mg/l	0.00100	0.00017	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.1543		mg/l	0.00500	0.00163	10	03/04/25 10:26	03/05/25 17:06	EPA 3005A	1,6020B	NTB
Copper, Total	0.8766		mg/l	0.00100	0.00038	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Iron, Total	129.		mg/l	0.0500	0.0191	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Lead, Total	2.508		mg/l	0.00100	0.00034	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Magnesium, Total	91.1		mg/l	0.0700	0.0242	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Manganese, Total	22.61		mg/l	0.01000	0.00440	10	03/04/25 10:26	03/05/25 17:06	EPA 3005A	1,6020B	NTB
Mercury, Total	0.00436		mg/l	0.00020	0.00009	1	03/04/25 12:46	03/05/25 12:29	EPA 7470A	1,7470A	JWN
Nickel, Total	0.2268		mg/l	0.00200	0.00055	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Potassium, Total	37.8		mg/l	0.100	0.0309	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Selenium, Total	0.0269		mg/l	0.00500	0.00173	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Silver, Total	0.00319		mg/l	0.00040	0.00016	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Sodium, Total	42.3		mg/l	0.500	0.0293	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Thallium, Total	0.00300		mg/l	0.00100	0.00014	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.2816		mg/l	0.05000	0.01570	10	03/04/25 10:26	03/05/25 17:06	EPA 3005A	1,6020B	NTB
Zinc, Total	1.254		mg/l	0.01000	0.00341	1	03/04/25 10:26	03/05/25 16:37	EPA 3005A	1,6020B	NTB

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

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): 06 Batch: WG2036108-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/04/25 10:26	03/05/25 14:15	1,6020B	NTB

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): 06 Batch: WG2036113-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/04/25 12:46	03/05/25 11:34	1,7470A	JWN

Project Name: 466 MAIN ST., NEW ROCHELLE, NY **Lab Number:** L2511313

Project Number: 12587 **Report Date:** 03/18/25

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): 01-05 Batch: WG2036894-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/05/25 12:35	03/05/25 15:22	1,7471B	CME

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): 01-05 Batch: WG2036900-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Iron, Total	4.10		mg/kg	2.00	0.420	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/kg	0.400	0.060	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF
Zinc, Total	ND	mg/kg	2.00	0.242	1	03/05/25 10:45	03/05/25 17:47	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG2036108-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	105		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	108		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	103		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	100		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	88		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	87		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	101		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG2036108-2					
Zinc, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG2036113-2					
Mercury, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2036894-2					
Mercury, Total	103	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2036900-2					
Aluminum, Total	96	-	80-120	-	
Antimony, Total	89	-	80-120	-	
Arsenic, Total	96	-	80-120	-	
Barium, Total	94	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	96	-	80-120	-	
Calcium, Total	99	-	80-120	-	
Chromium, Total	97	-	80-120	-	
Cobalt, Total	98	-	80-120	-	
Copper, Total	95	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	97	-	80-120	-	
Magnesium, Total	94	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	97	-	80-120	-	
Potassium, Total	97	-	80-120	-	
Selenium, Total	95	-	80-120	-	
Silver, Total	93	-	80-120	-	
Sodium, Total	98	-	80-120	-	
Thallium, Total	98	-	80-120	-	
Vanadium, Total	97	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2036900-2					
Zinc, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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): 06 QC Batch ID: WG2036108-3 QC Sample: L2511048-01 Client ID: MS Sample												
Aluminum, Total	0.00425J	2	1.92	96		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.5244	105		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.1255	104		-	-		75-125	-		20
Barium, Total	0.09481	2	2.239	107		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05075	102		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05513	104		-	-		75-125	-		20
Calcium, Total	410.	10	329	**0**	Q	-	-		75-125	-		20
Chromium, Total	0.00054J	0.2	0.2158	108		-	-		75-125	-		20
Cobalt, Total	0.00103	0.5	0.4979	99		-	-		75-125	-		20
Copper, Total	0.00099J	0.25	0.2558	102		-	-		75-125	-		20
Iron, Total	0.283	1	1.28	100		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5192	98		-	-		75-125	-		20
Magnesium, Total	42.7	10	53.8	111		-	-		75-125	-		20
Manganese, Total	0.2411	0.5	0.6917	90		-	-		75-125	-		20
Nickel, Total	0.00089J	0.5	0.5140	103		-	-		75-125	-		20
Potassium, Total	0.613	10	10.2	96		-	-		75-125	-		20
Selenium, Total	0.00175J	0.12	0.115	96		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05291	106		-	-		75-125	-		20
Sodium, Total	7.82	10	17.3	95		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1194	100		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.5093	102		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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): 06 QC Batch ID: WG2036108-3 QC Sample: L2511048-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4836	97	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2036113-3 QC Sample: L2510425-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00516	102	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2036894-3 QC Sample: L2511846-01 Client ID: MS Sample									
Mercury, Total	ND	1.88	2.01	107	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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): 01-05 QC Batch ID: WG2036900-3 WG2036900-4 QC Sample: L2511140-15 Client ID: MS Sample											
Aluminum, Total	9240	178	9000	**0**	Q	9260	**12**	Q	75-125	3	20
Antimony, Total	ND	44.4	18.2	**41**	Q	18.1	**42**	Q	75-125	1	20
Arsenic, Total	7.05	10.7	15.2	76		15.2	79		75-125	0	20
Barium, Total	20.5	178	173	86		171	88		75-125	1	20
Beryllium, Total	0.405J	4.44	4.42	99		4.38	102		75-125	1	20
Cadmium, Total	0.101J	4.71	4.12	87		4.04	89		75-125	2	20
Calcium, Total	313	889	1140	93		1150	98		75-125	1	20
Chromium, Total	10.4	17.8	25.6	86		25.9	90		75-125	1	20
Cobalt, Total	8.07	44.4	46.8	87		46.2	89		75-125	1	20
Copper, Total	27.3	22.2	46.5	86		46.2	88		75-125	1	20
Iron, Total	18000	88.9	16700	**0**	Q	17500	**0**	Q	75-125	5	20
Lead, Total	9.78	47.1	51.7	89		51.4	92		75-125	1	20
Magnesium, Total	3710	889	4350	**72**	Q	4560	99		75-125	5	20
Manganese, Total	793	44.4	846	119		912	**278**	Q	75-125	8	20
Nickel, Total	15.3	44.4	53.9	87		54.1	90		75-125	0	20
Potassium, Total	460	889	1220	86		1160	82		75-125	5	20
Selenium, Total	ND	10.7	8.41	79		8.23	80		75-125	2	20
Silver, Total	ND	4.44	3.80	86		3.74	87		75-125	2	20
Sodium, Total	ND	889	820	92		804	94		75-125	2	20
Thallium, Total	ND	10.7	9.86	92		9.74	95		75-125	1	20
Vanadium, Total	12.2	44.4	51.2	88		51.0	90		75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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): 01-05 QC Batch ID: WG2036900-3 WG2036900-4 QC Sample: L2511140-15 Client ID: MS Sample									
Zinc, Total	58.3	44.4	96.6	86	98.2	93	75-125	2	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2036108-4 QC Sample: L2511048-01 Client ID: DUP Sample						
Aluminum, Total	0.00425J	ND	mg/l	NC		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.09481	0.09262	mg/l	2		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.00054J	ND	mg/l	NC		20
Cobalt, Total	0.00103	0.00101	mg/l	2		20
Copper, Total	0.00099J	0.00094J	mg/l	NC		20
Iron, Total	0.283	0.285	mg/l	1		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	42.7	41.2	mg/l	4		20
Manganese, Total	0.2411	0.2365	mg/l	2		20
Nickel, Total	0.00089J	0.00086J	mg/l	NC		20
Potassium, Total	0.613	0.604	mg/l	1		20
Selenium, Total	0.00175J	0.00178J	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	7.82	7.59	mg/l	3		20
Thallium, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY

Project Number: 12587

Lab Number: L2511313

Report Date: 03/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2036108-4 QC Sample: L2511048-01 Client ID: DUP Sample					
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2036108-4 QC Sample: L2511048-01 Client ID: DUP Sample					
Calcium, Total	410.	354	mg/l	15	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2036113-4 QC Sample: L2510425-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2036894-4 QC Sample: L2511846-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2511313
Report Date: 03/18/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2036108-6 QC Sample: L2511048-01 Client ID: DUP Sample						
Barium, Total	0.09481	0.09475	mg/l	0		20
Magnesium, Total	42.7	46.6	mg/l	9		20
Manganese, Total	0.2411	0.2366	mg/l	2		20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2036108-6 QC Sample: L2511048-01 Client ID: DUP Sample						
Calcium, Total	410.	349.	mg/l	15		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2036900-6 QC Sample: L2511140-15 Client ID: DUP Sample						
Aluminum, Total	9240	9550	mg/kg	3		20
Calcium, Total	313	328	mg/kg	5		20
Copper, Total	27.3	26.6	mg/kg	3		20
Iron, Total	18000	20000	mg/kg	11		20
Magnesium, Total	3710	3870	mg/kg	4		20
Manganese, Total	793	846	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-01
Client ID: SB-401 (0.5-1.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/28/25 15:20
Date Received: 02/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.6		%	0.100	NA	1	-	03/01/25 13:05	121,2540G	ROI

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-02
Client ID: SB-402 (0.5-1.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/28/25 12:30
Date Received: 02/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.6		%	0.100	NA	1	-	03/01/25 13:05	121,2540G	ROI

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-03
Client ID: SB-404 (3.25-3.75)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/28/25 15:15
Date Received: 02/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	03/01/25 13:05	121,2540G	ROI

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-04
Client ID: SB-407 (1.0-1.5)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/28/25 14:50
Date Received: 02/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	03/01/25 13:05	121,2540G	ROI

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-05
Client ID: SB-408 (1.5-2.0)
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/28/25 10:15
Date Received: 02/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	03/01/25 13:05	121,2540G	ROI

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

SAMPLE RESULTS

Lab ID: L2511313-06
Client ID: TW-401
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY
Sample Depth:
Matrix: Water

Date Collected: 02/28/25 15:00
Date Received: 02/28/25
Field Prep: Not Specified

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	03/05/25 14:15	03/06/25 11:36	1,9010C/9012B	JER

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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): 06 Batch: WG2037019-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/05/25 14:15	03/06/25 11:26	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG2037019-2 WG2037019-3								
Cyanide, Total	100		102		85-115	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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): 06 QC Batch ID: WG2037019-4 WG2037019-5 QC Sample: L2510536-03 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.213	106		0.202	101		80-120	5		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 466 MAIN ST., NEW ROCHELLE, NY

Project Number: 12587

Lab Number: L2511313

Report Date: 03/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2035507-1 QC Sample: L2511279-01 Client ID: DUP Sample						
Solids, Total	91.2	93.0	%	2		20

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

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(*)
L2511313-01A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-01B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-01C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-01D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2511313-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2511313-01F	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14)
L2511313-01X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-01Y	Vial Water preserved split	A	NA		3.7	Y	Absent	01-MAR-25 11:28	NYTCL-8260HLW(14)
L2511313-01Z	Vial Water preserved split	A	NA		3.7	Y	Absent	01-MAR-25 11:28	NYTCL-8260HLW(14)
L2511313-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2511313-02B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7)
L2511313-03A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-03B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-03C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-03D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2511313-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2511313-03F	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14)
L2511313-03X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-03Y	Vial Water preserved split	A	NA		3.7	Y	Absent	01-MAR-25 11:28	NYTCL-8260HLW(14)
L2511313-03Z	Vial Water preserved split	A	NA		3.7	Y	Absent	01-MAR-25 11:28	NYTCL-8260HLW(14)
L2511313-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	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),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2511313-04B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7)
L2511313-05A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-05B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-05C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-05D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2511313-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	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),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2511313-05F	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14)
L2511313-05X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2511313-05Y	Vial Water preserved split	A	NA		3.7	Y	Absent	01-MAR-25 11:28	NYTCL-8260HLW(14)
L2511313-05Z	Vial Water preserved split	A	NA		3.7	Y	Absent	01-MAR-25 11:28	NYTCL-8260HLW(14)
L2511313-06A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587

Lab Number: L2511313
Report Date: 03/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2511313-06B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2511313-06C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2511313-06D	Amber 100ml unpreserved	A	6	6	3.7	Y	Absent		NYTCL-8082-RVT(365)
L2511313-06E	Amber 100ml unpreserved	A	6	6	3.7	Y	Absent		NYTCL-8082-RVT(365)
L2511313-06F	Amber 100ml unpreserved	A	6	6	3.7	Y	Absent		NYTCL-8081-RVT(7)
L2511313-06G	Amber 100ml unpreserved	A	6	6	3.7	Y	Absent		NYTCL-8081-RVT(7)
L2511313-06H	Amber 100ml unpreserved	A	6	6	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2511313-06I	Amber 100ml unpreserved	A	6	6	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2511313-06J	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2511313-06K	Plastic 250ml NaOH preserved	A	>12	>12	3.7	Y	Absent		TCN-9010(14)
L2511313-06L	Amber 250ml unpreserved	A	6	6	3.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2511313-06M	Amber 250ml unpreserved	A	6	6	3.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2511313-06N	Amber 250ml unpreserved	A	6	6	3.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2511313-06O	Amber 250ml unpreserved	A	6	6	3.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2511313-06P	Plastic 500ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-1633-21(28)
L2511313-06Q	Plastic 500ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-1633-21(28)

*Values in parentheses indicate holding time in days

Project Name: 466 MAIN ST., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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., NEW ROCHELLE, NY	**Lab Number:**	L2511313
Project Number:	12587	**Report Date:**	03/18/25

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., NEW ROCHELLE, NY	**Lab Number:**	L2511313
Project Number:	12587	**Report Date:**	03/18/25

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., NEW ROCHELLE, NY	**Lab Number:**	L2511313
Project Number:	12587	**Report Date:**	03/18/25

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., NEW ROCHELLE, NY
Project Number: 12587
Lab Number: L2511313
Report Date: 03/18/25

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

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

NEW YORK CHAIN OF CUSTODY

L2511313 07MAR25
SESI

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 3/1/25

Client Information
Client: SESI
Address: 959 US 46 Ste. 200
Parsippany, NY
Phone: 973-808-4050
Fax: —
Email: jamesvanderviet@sesi.org

Project Information
Project Name: —
Project Location: 466 Main St, New Rochelle, NY
Project # ~~12507~~ 12507
(Use Project name as Project #) ☐
Project Manager: James VanderViet
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	SVOC	TAL Metals	VOC	TCL+30 TAL	1,4-dioxane	PFAS Short List (537.1)			Sample Specific Comments	Total Bottle
11313-01	SB-401 (0.5-1.0)	2/28/25	15:20	S	JS	X	X	X							6
02	SB-402 (0.5-1.0)	2/28/25	12:30	S	JS	X	X								2
03	SB-404 (3.25-3.75)	2/28/25	15:15	S	JS	X	X	X							6
04	SB-407 (1.0-1.5)	2/28/25	14:50	S	JS	X	X								2
05	SB-406 (1.5-2.0)	2/28/25	10:15	S	JS	X	X	X							6
06	FW-401	2/28/25	15:00	GW	JS				X	X	X				17

Container Type	A	A	P,E	P,A	A	P			
Preservative	A	A	A	A,E, &C	A	A			

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
Jay Sieger	2/28/25 1630	Will Page	2/28/25 1630
Will Page	2/28/25 2050	Anthony Green	FEB 28 2025 2115
Anthony Green		Chris Price	3/1/25 0115
Chris Price	3/1/25 0400		3/1 0400

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2514233
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Christopher Malvicini
Phone:	(973) 808-9050
Project Name:	466 MAIN ST.
Project Number:	12587:10
Report Date:	03/27/25

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

Certifications & Approvals: NH ELAP (2249).

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

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2514233-01	SV-303	SOIL_VAPOR	466 MAIN ST., NEW ROCHELLE, NY	03/12/25 10:40	03/12/25
L2514233-02	SV-302	SOIL_VAPOR	466 MAIN ST., NEW ROCHELLE, NY	03/12/25 11:40	03/12/25
L2514233-03	AA-1	AIR	466 MAIN ST., NEW ROCHELLE, NY	03/12/25 12:40	03/12/25
L2514233-04	UNUSED CAN #154	SOIL_VAPOR	466 MAIN ST., NEW ROCHELLE, NY		03/12/25

Project Name:	466 MAIN ST.	**Lab Number:**	L2514233
Project Number:	12587:10	**Report Date:**	03/27/25

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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:** L2514233
Project Number: 12587:10 **Report Date:** 03/27/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on March 11, 2025. The canister certification data is provided as an addendum.

The WG2044107-3 LCS recovery associated with L2514233-01 and -02 is above the upper 130% acceptance limit for bromoform (141%). All samples associated with this LCS do not have reportable amounts of this analyte.

The WG2045089-3 LCS recovery associated with L2514233-03 is above the upper 130% acceptance limit for dibromochloromethane (133%), bromoform (135%) and 4-ethyltoluene (136%). All samples associated with this LCS that have reportable amounts of these analytes will have them reported with high bias.

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: 03/27/25

AIR

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-01
Client ID: SV-303
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 10:40
Date Received: 03/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/23/25 23:44
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.851	0.200	--	4.21	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	153	5.00	--	288	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.90	1.00	--	16.4	2.38	--		1
Trichlorofluoromethane	0.377	0.200	--	2.12	1.12	--		1
Isopropanol	58.3	1.00	--	143	2.46	--		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	0.322	0.200	--	1.00	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	15.4	0.200	--	61.1	0.793	--		1
1,1-Dichloroethane	0.223	0.200	--	0.903	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.581	0.500	--	1.71	1.47	--		1
cis-1,2-Dichloroethene	76.8	0.200	--	304	0.793	--		1

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-01
Client ID: SV-303
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 10:40
Date Received: 03/12/25
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 Air Lab								
Ethyl Acetate	0.781	0.500	--	2.81	1.80	--		1
Chloroform	5.08	0.200	--	24.8	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.276	0.200	--	0.973	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.341	0.200	--	1.09	0.639	--		1
Carbon tetrachloride	4.69	0.200	--	29.5	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	75.2	0.200	--	404	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.207	0.200	--	0.848	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	2.31	0.200	--	8.71	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	60.6	0.200	--	411	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.431	0.200	--	1.87	0.869	--		1

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-01
Client ID: SV-303
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 10:40
Date Received: 03/12/25
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 Air Lab								
p/m-Xylene	1.41	0.400	--	6.12	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	0.665	0.200	--	2.89	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.238	0.200	--	1.17	0.983	--		1
1,2,4-Trimethylbenzene	0.949	0.200	--	4.67	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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	91		60-140

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-02
Client ID: SV-302
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 11:40
Date Received: 03/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/24/25 00:13
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.673	0.200	--	3.33	0.989	--		1
Chloromethane	0.376	0.200	--	0.776	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	99.4	5.00	--	187	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.66	1.00	--	15.8	2.38	--		1
Trichlorofluoromethane	0.229	0.200	--	1.29	1.12	--		1
Isopropanol	20.2	1.00	--	49.7	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.540	0.500	--	1.64	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	4.44	0.200	--	13.8	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	0.510	0.500	--	1.50	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-02
Client ID: SV-302
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 11:40
Date Received: 03/12/25
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 Air Lab								
Ethyl Acetate	0.599	0.500	--	2.16	1.80	--		1
Chloroform	6.47	0.200	--	31.6	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.206	0.200	--	0.834	0.809	--		1
n-Hexane	0.620	0.200	--	2.19	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.62	0.200	--	5.18	0.639	--		1
Carbon tetrachloride	1.22	0.200	--	7.67	1.26	--		1
Cyclohexane	0.477	0.200	--	1.64	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	0.219	0.200	--	1.47	1.34	--		1
1,4-Dioxane	1.00	0.200	--	3.60	0.721	--		1
Trichloroethene	3.14	0.200	--	16.9	1.07	--		1
2,2,4-Trimethylpentane	0.422	0.200	--	1.97	0.934	--		1
Heptane	0.463	0.200	--	1.90	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	8.33	0.200	--	31.4	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	8.90	0.200	--	60.4	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.44	0.200	--	6.25	0.869	--		1

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-02
Client ID: SV-302
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 11:40
Date Received: 03/12/25
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 Air Lab								
p/m-Xylene	4.82	0.400	--	20.9	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.71	0.200	--	7.43	0.869	--		1
4-Ethyltoluene	0.274	0.200	--	1.35	0.983	--		1
1,3,5-Trimethylbenzene	0.469	0.200	--	2.31	0.983	--		1
1,2,4-Trimethylbenzene	1.37	0.200	--	6.74	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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	92		60-140

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-03
Client ID: AA-1
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 12:40
Date Received: 03/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/25/25 19:13
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.500	0.200	--	2.47	0.989	--		1
Chloromethane	0.616	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	13.0	5.00	--	24.5	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	36.5	1.00	--	86.7	2.38	--		1
Trichlorofluoromethane	0.204	0.200	--	1.15	1.12	--		1
Isopropanol	22.2	1.00	--	54.6	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.46	0.500	--	4.31	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.70	0.500	--	5.01	1.47	--		1

Project Name: 466 MAIN ST.
Project Number: 12587:10
Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-03
Client ID: AA-1
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 12:40
Date Received: 03/12/25
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 Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.209	0.200	--	0.737	0.705	--		1
Benzene	0.342	0.200	--	1.09	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.679	0.200	--	2.56	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.245	0.200	--	1.06	0.869	--		1
p/m-Xylene	0.837	0.400	--	3.64	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	0.385	0.200	--	1.67	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-03
Client ID: AA-1
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 12:40
Date Received: 03/12/25
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 Air Lab								
1,2,4-Trimethylbenzene	0.489	0.200	--	2.40	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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	87		60-140

Project Name: 466 MAIN ST.
Project Number: 12587:10
Lab Number: L2514233
Report Date: 03/27/25

SAMPLE RESULTS

Lab ID: L2514233-03
Client ID: AA-1
Sample Location: 466 MAIN ST., NEW ROCHELLE, NY

Date Collected: 03/12/25 12:40
Date Received: 03/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/25/25 19:13
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.082	0.020	--	0.516	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	89		60-140

Project Name: 466 MAIN ST.
Project Number: 12587:10
Lab Number: L2514233
Report Date: 03/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/23/25 19:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-02 Batch: WG2044107-4								
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	1.00	--	ND	2.46	--		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: 12587:10
Lab Number: L2514233
Report Date: 03/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/23/25 19:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-02 Batch: WG2044107-4								
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: 12587:10
Lab Number: L2514233
Report Date: 03/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/23/25 19:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-02 Batch: WG2044107-4								
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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 466 MAIN ST.
Project Number: 12587:10
Lab Number: L2514233
Report Date: 03/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/25/25 15:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 03 Batch: WG2045089-4								
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	1.00	--	ND	2.46	--		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: 12587:10
Lab Number: L2514233
Report Date: 03/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/25/25 15:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 03 Batch: WG2045089-4								
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: 12587:10
Lab Number: L2514233
Report Date: 03/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/25/25 15:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 03 Batch: WG2045089-4								
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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 466 MAIN ST.
Project Number: 12587:10
Lab Number: L2514233
Report Date: 03/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 03/25/25 16:18

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 Air Lab for sample(s): 03 Batch: WG2045090-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2044107-3								
Dichlorodifluoromethane	100		-		70-130	-		
Chloromethane	94		-		70-130	-		
Freon-114	109		-		70-130	-		
Vinyl chloride	98		-		70-130	-		
1,3-Butadiene	95		-		70-130	-		
Bromomethane	110		-		70-130	-		
Chloroethane	103		-		70-130	-		
Ethanol	88		-		40-160	-		
Vinyl bromide	102		-		70-130	-		
Acetone	106		-		40-160	-		
Trichlorofluoromethane	104		-		70-130	-		
Isopropanol	85		-		40-160	-		
1,1-Dichloroethene	102		-		70-130	-		
Tertiary butyl Alcohol	84		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	88		-		70-130	-		
Carbon disulfide	101		-		70-130	-		
Freon-113	105		-		70-130	-		
trans-1,2-Dichloroethene	102		-		70-130	-		
1,1-Dichloroethane	102		-		70-130	-		
Methyl tert butyl ether	108		-		70-130	-		
2-Butanone	101		-		70-130	-		
cis-1,2-Dichloroethene	100		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2044107-3								
Ethyl Acetate	114		-		70-130	-		
Chloroform	102		-		70-130	-		
Tetrahydrofuran	109		-		70-130	-		
1,2-Dichloroethane	101		-		70-130	-		
n-Hexane	97		-		70-130	-		
1,1,1-Trichloroethane	109		-		70-130	-		
Benzene	99		-		70-130	-		
Carbon tetrachloride	111		-		70-130	-		
Cyclohexane	99		-		70-130	-		
1,2-Dichloropropane	99		-		70-130	-		
Bromodichloromethane	116		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	98		-		70-130	-		
2,2,4-Trimethylpentane	105		-		70-130	-		
Heptane	112		-		70-130	-		
cis-1,3-Dichloropropene	111		-		70-130	-		
4-Methyl-2-pentanone	101		-		70-130	-		
trans-1,3-Dichloropropene	120		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	99		-		70-130	-		
2-Hexanone	98		-		70-130	-		
Dibromochloromethane	124		-		70-130	-		
1,2-Dibromoethane	107		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-02		Batch: WG2044107-3					
Tetrachloroethene	95		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	100		-		70-130	-		
p/m-Xylene	108		-		70-130	-		
Bromoform	**141**	Q	-		70-130	-		
Styrene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	101		-		70-130	-		
o-Xylene	101		-		70-130	-		
4-Ethyltoluene	109		-		70-130	-		
1,3,5-Trimethylbenzene	106		-		70-130	-		
1,2,4-Trimethylbenzene	106		-		70-130	-		
Benzyl chloride	83		-		70-130	-		
1,3-Dichlorobenzene	106		-		70-130	-		
1,4-Dichlorobenzene	102		-		70-130	-		
1,2-Dichlorobenzene	101		-		70-130	-		
1,2,4-Trichlorobenzene	100		-		70-130	-		
Naphthalene	84		-		70-130	-		
Hexachlorobutadiene	98		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 03 Batch: WG2045089-3								
Dichlorodifluoromethane	121		-		70-130	-		
Chloromethane	107		-		70-130	-		
Freon-114	119		-		70-130	-		
Vinyl chloride	110		-		70-130	-		
1,3-Butadiene	121		-		70-130	-		
Bromomethane	114		-		70-130	-		
Chloroethane	108		-		70-130	-		
Ethanol	78		-		40-160	-		
Vinyl bromide	108		-		70-130	-		
Acetone	112		-		40-160	-		
Trichlorofluoromethane	105		-		70-130	-		
Isopropanol	82		-		40-160	-		
1,1-Dichloroethene	109		-		70-130	-		
Tertiary butyl Alcohol	96		-		70-130	-		
Methylene chloride	109		-		70-130	-		
3-Chloropropene	117		-		70-130	-		
Carbon disulfide	122		-		70-130	-		
Freon-113	111		-		70-130	-		
trans-1,2-Dichloroethene	120		-		70-130	-		
1,1-Dichloroethane	111		-		70-130	-		
Methyl tert butyl ether	119		-		70-130	-		
2-Butanone	111		-		70-130	-		
cis-1,2-Dichloroethene	108		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 03		Batch: WG2045089-3					
Ethyl Acetate	121		-		70-130	-		
Chloroform	107		-		70-130	-		
Tetrahydrofuran	118		-		70-130	-		
1,2-Dichloroethane	104		-		70-130	-		
n-Hexane	116		-		70-130	-		
1,1,1-Trichloroethane	104		-		70-130	-		
Benzene	107		-		70-130	-		
Carbon tetrachloride	105		-		70-130	-		
Cyclohexane	113		-		70-130	-		
1,2-Dichloropropane	102		-		70-130	-		
Bromodichloromethane	121		-		70-130	-		
1,4-Dioxane	108		-		70-130	-		
Trichloroethene	105		-		70-130	-		
2,2,4-Trimethylpentane	123		-		70-130	-		
Heptane	123		-		70-130	-		
cis-1,3-Dichloropropene	113		-		70-130	-		
4-Methyl-2-pentanone	120		-		70-130	-		
trans-1,3-Dichloropropene	122		-		70-130	-		
1,1,2-Trichloroethane	111		-		70-130	-		
Toluene	114		-		70-130	-		
2-Hexanone	121		-		70-130	-		
Dibromochloromethane	**133**	Q	-		70-130	-		
1,2-Dibromoethane	119		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 03		Batch: WG2045089-3					
Tetrachloroethene	113		-		70-130	-		
Chlorobenzene	114		-		70-130	-		
Ethylbenzene	115		-		70-130	-		
p/m-Xylene	122		-		70-130	-		
Bromoform	**135**	Q	-		70-130	-		
Styrene	120		-		70-130	-		
1,1,2,2-Tetrachloroethane	117		-		70-130	-		
o-Xylene	117		-		70-130	-		
4-Ethyltoluene	**136**	Q	-		70-130	-		
1,3,5-Trimethylbenzene	128		-		70-130	-		
1,2,4-Trimethylbenzene	124		-		70-130	-		
Benzyl chloride	129		-		70-130	-		
1,3-Dichlorobenzene	121		-		70-130	-		
1,4-Dichlorobenzene	124		-		70-130	-		
1,2-Dichlorobenzene	122		-		70-130	-		
1,2,4-Trichlorobenzene	110		-		70-130	-		
Naphthalene	120		-		70-130	-		
Hexachlorobutadiene	104		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 03 Batch: WG2045090-3								
Vinyl chloride	107		-		70-130	-		25
1,1-Dichloroethene	107		-		70-130	-		25
cis-1,2-Dichloroethene	102		-		70-130	-		25
1,1,1-Trichloroethane	101		-		70-130	-		25
Carbon tetrachloride	104		-		70-130	-		25
Trichloroethene	103		-		70-130	-		25
Tetrachloroethene	109		-		70-130	-		25

Project Name: 466 MAIN ST.

Lab Number: L2514233

Project Number: 12587:10

Report Date: 03/27/25

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	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2514233-01	SV-303	02587	SV200	03/11/25	509339		-	-	-	Pass	217	222	2
L2514233-01	SV-303	3735	2.7L Can	03/11/25	509339	L2512374-10	Pass	-29.2	-3.7	-	-	-	-
L2514233-02	SV-302	0613	SV200	03/11/25	509339		-	-	-	Pass	216	224	4
L2514233-02	SV-302	3207	2.7L Can	03/11/25	509339	L2512374-10	Pass	-29.2	-3.3	-	-	-	-
L2514233-03	AA-1	02561	SV200	03/11/25	509339		-	-	-	Pass	211	218	3
L2514233-03	AA-1	3439	2.7L Can	03/11/25	509339	L2512374-10	Pass	-29.2	-3.7	-	-	-	-
L2514233-04	UNUSED CAN #154	0511	SV200	03/11/25	509339		-	-	-	Pass	215	222	3
L2514233-04	UNUSED CAN #154	154	2.7L Can	03/11/25	509339	L2513198-02	Pass	-29.1	-29.6	-	-	-	-

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

Lab Number: L2512374
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2512374-10
Client ID: CAN 3111 SHELF 77
Sample Location:

Date Collected: 03/06/25 10:00
Date Received: 03/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/07/25 03:53
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air 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	1.00	--	ND	2.46	--		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: L2512374
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2512374-10
Client ID: CAN 3111 SHELF 77
Sample Location:

Date Collected: 03/06/25 10:00
Date Received: 03/06/25
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 Air 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: L2512374
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2512374-10
Client ID: CAN 3111 SHELF 77
Sample Location:

Date Collected: 03/06/25 10:00
Date Received: 03/06/25
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 Air 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: L2512374
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2512374-10
Client ID: CAN 3111 SHELF 77
Sample Location:

Date Collected: 03/06/25 10:00
Date Received: 03/06/25
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 Air 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	0.996	--		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: L2512374
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2512374-10
Client ID: CAN 3111 SHELF 77
Sample Location:

Date Collected: 03/06/25 10:00
Date Received: 03/06/25
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 Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	98		60-140

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

Lab Number: L2512374
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2512374-10
Client ID: CAN 3111 SHELF 77
Sample Location:

Date Collected: 03/06/25 10:00
Date Received: 03/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/07/25 03:53
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air 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: L2512374
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2512374-10
Client ID: CAN 3111 SHELF 77
Sample Location:

Date Collected: 03/06/25 10:00
Date Received: 03/06/25
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 Air 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: L2512374
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2512374-10
Client ID: CAN 3111 SHELF 77
Sample Location:

Date Collected: 03/06/25 10:00
Date Received: 03/06/25
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 Air 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	101		60-140
bromochloromethane	109		60-140
chlorobenzene-d5	101		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2513198
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2513198-02
Client ID: CAN 2588 SHELF 16
Sample Location:

Date Collected: 03/08/25 07:00
Date Received: 03/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/08/25 18:18
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air 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	1.00	--	ND	2.46	--		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: L2513198
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2513198-02
Client ID: CAN 2588 SHELF 16
Sample Location:

Date Collected: 03/08/25 07:00
Date Received: 03/08/25
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 Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2513198
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2513198-02
Client ID: CAN 2588 SHELF 16
Sample Location:

Date Collected: 03/08/25 07:00
Date Received: 03/08/25
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 Air 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: L2513198
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2513198-02
Client ID: CAN 2588 SHELF 16
Sample Location:

Date Collected: 03/08/25 07:00
Date Received: 03/08/25
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 Air 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	0.996	--		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: L2513198
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2513198-02
Client ID: CAN 2588 SHELF 16
Sample Location:

Date Collected: 03/08/25 07:00
Date Received: 03/08/25
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 Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2513198
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2513198-02
Client ID: CAN 2588 SHELF 16
Sample Location:

Date Collected: 03/08/25 07:00
Date Received: 03/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/08/25 18:18
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air 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
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

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

Lab Number: L2513198
Report Date: 03/27/25

Air Canister Certification Results

Lab ID: L2513198-02
Client ID: CAN 2588 SHELF 16
Sample Location:

Date Collected: 03/08/25 07:00
Date Received: 03/08/25
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 Air Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2513198

Project Number: CANISTER QC BAT **Report Date:** 03/27/25

Air Canister Certification Results

Lab ID: L2513198-02
Client ID: CAN 2588 SHELF 16
Sample Location:

Date Collected: 03/08/25 07:00
Date Received: 03/08/25
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 Air Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	104		60-140
chlorobenzene-d5	103		60-140

Project Name: 466 MAIN ST.
Project Number: 12587:10

Lab Number: L2514233
Report Date: 03/27/25

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(*)
L2514233-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2514233-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2514233-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2514233-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	466 MAIN ST.	**Lab Number:**	L2514233
Project Number:	12587:10	**Report Date:**	03/27/25

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:**	L2514233
Project Number:	12587:10	**Report Date:**	03/27/25

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:**	L2514233
Project Number:	12587:10	**Report Date:**	03/27/25

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.)

Project Name: 466 MAIN ST. **Lab Number:** L2514233

Project Number: 12587:10 **Report Date:** 03/27/25

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

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd in Lab: 3/13/25

ALPHA Job #: L2514233

Client Information

Client: SESI Consulting
Address: 954 Route 46F
Passaic NJ
Phone: 973-808-9050
Fax: —
Email: Chris.malvicini@sesi.org

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 466 Main St.
Project Location: 466 Main St, New Rochelle, NY
Project #: 125870
Project Manager: Chris Malvicini
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: NYSDOH Decision Matrix
(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: ☐

ANALYSIS

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 - LL	TO-15 SIM	APH (subtract non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
14233-01	SV-303	3/12/25	1030	1040	-29.2	-2.75	SV	JS	2.7L	3735	02587	X					
02	SV-302	3/12/25	1125	1140	-29.2	-2.66	SV	JS	2.7L	3207	0613	X					
03	AA-1	3/12/25	1230	1240	-29.2	-3.94	AA	JS	2.7L	3939	02561	X					

*SAMPLE MATRIX CODES

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

Container Type: 6S

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:
Jess Siper NJSC	3/12/25 03-12-25 3/12/25	PACE	03-12-25 16:15 3/12/25 17:13

3/13/25 0610 MD 3/13/25 0610 Chain pre-printed by client - Rev. 3/13/25 0610

FSM No. 101-02 Rev. (25-Sep-15)