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Phase II Environmental Site Assessment Report

For

2740-2742 Webster Avenue
Block 3273, Lot 85, 92 and 93
Bronx, Bronx County, NY

Prepared for:

South Bronx Development I LLC &
South Bronx Development II LLC

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LIST OF ACRONYMS

Acronym	Definition
AWQS	Class GA Ambient Water Quality Standards and Guidance Values
BCP	Brownfield Cleanup Program
COC	Chain of Custody
CSCO	Commercial Soil Cleanup Objectives
ELAP	Environmental laboratory Accreditation Program
ESA	Environmental Site Assessment
fbgs	Feet below ground surface
GTA	GTA Engineering Services
ISCO	Industrial Soil Cleanup Objectives
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PGWSCO	Protection of Groundwater Soil Cleanup Objective
PID	Photoionization Detector
REC	Recognized Environmental Conditions
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
TOGS	Technical and Operational Guidance Series 1.1.1
USCO	Unrestricted Use Soil Cleanup Objective
VOC	Volatile Organic Compound

1.0 INTRODUCTION

SESI Consulting Engineers (SESI), on behalf of the Requestors South Bronx Development I LLC and South Bronx Development II LLC (collectively Users) has completed our Phase II Investigation for the referenced Site located at 2740-2742 Webster Avenue in the Bronx, Bronx 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 0.55-acre parcel located at 2740-2742 Webster Avenue in the Bronx, Bronx County, New York. The Site is identified on local tax map records as Block 3273, Lots 85, 92 and 93 (the "Site"). The Site is a triangular lot that has been developed as an asphalt parking lot. The Site's current operations include G and Sons Parking and a small parking booth and parking for MTA employees. A Site Location Map is provided as **Figure 1.1**. A Site Plan is included as **Figure 1.2**.

Based on a review of historical aerial photographs, the Site was developed with multiple suspected commercial structures from at least 1924 to 1966. By 1974, the commercial structures had been demolished, and the Site has been utilized as a parking lot since.

According to the New York City Searchable Property Environmental E-Database (SPEED), the Site has an E-designation. The E-designation process ensures that sampling and remediation take place at the Site to avoid any significant impacts related to hazardous materials. The E-designation process requires that the fee owner of the Site conducts testing and sampling protocol, and remediation where appropriate, to the satisfaction of the New York City Department of Environmental Protection (NYCDEP) before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The E-designation process also includes a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Additionally, according to the NYC SPEED, the Site is located within a Potential Environmental Justice Area (PEJA). Redevelopment sites within PEJAs are subject to increased regulatory oversight and community outreach requirements during redevelopment.

The Site is bound to the north by Webster Avenue followed by a mid-rise mixed-use commercial and residential building, Garden Theatre and Part of the Solution (POTS) food pantry, to the west by Webster Avenue followed by Public School 54, a mid-rise mixed-use commercial and residential building and Webster Wallpaper Paint and Blinds Co., to the south and east by a laydown yard followed by Metro-North railroad and Fordham University and Preparatory School.

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

Geologically, the Site soils are mapped as urban land outwash substratum overlying bedrock, consisting of asphalt over human-transported material overlying native gravelly sand. This Phase II ESA encountered historic fill materials generally consisting of coarse to fine sand, variable amounts of gravel, silt, and clay, beneath the asphalt pavement in each boring. Debris within the historic fill layer include concrete, metal, wood and/or brick. The historic fill materials were encountered to the boring terminus of between 5.0 feet below ground surface (fbgs) and 15.0 fbgs in borings SB-1 through SB-8. Native soils generally consisting of sand with variable amounts of gravel, silt, and clay were encountered underlying the historic fill materials in soil borings B-17, B-18, B-31, and B-32. Refusal was encountered in soil borings SB-3 and B-18 advanced in the central portion of the Site at depths of 5.0 fbgs and 10.0 fbgs, respectively. Groundwater was not encountered in the soil borings, however, was identified at depths ranging between 18.3 fbgs and 19.5 fbgs in the temporary wellpoints.

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, 2740 Webster Avenue, Bronx, NY 10458”, prepared by Environmental Affiliates, Inc. (EAI), dated February 12, 2020
- “Report of Geotechnical Exploration,” prepared by GTA Engineering Services of New York, P.C., dated February 2022.

- "Preliminary Geotechnical Investigation Report, 2740-2768 Webster Avenue Residential Development, 2740-2768 Webster Avenue, Bronx, NY", prepared by SESI Consulting Engineers (SESI), dated October 11, 2024 (draft document).
- "Geophysical Investigation Report, 2742 Webster Avenue, Bronx, New York 10458", prepared by American Geophysics Inc. for SESI, dated February 2025.
- "Phase I Environmental Site Assessment, 2740-2742 Webster Avenue, Block 3273, Lot 85, 92 and 93, Bronx, Bronx County, NY", prepared by SESI for Users, dated April 2025.

The Phase I ESA prepared by EAI identified no Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), or Historical Recognized Environmental Conditions (HRECs). However, the following Business Environmental Risk (BER) de minimis condition was identified: "This assessment has revealed evidence of de minimis environmental conditions in connection with the Subject Property in the form of usual motor oil staining in the parking areas." No further evaluation or sampling was recommended or performed.

GTA Engineering Services of New York, P.C. (GTA) conducted a geotechnical investigation to support the proposed construction of an eleven (11) story mixed-use structure with basement at the Site. The geotechnical investigation consisted of the advancement of twelve (12) borings to a maximum depth of 100 fbgs in December 2021. The subsurface conditions encountered in the borings generally consisted of a layer of fill material overlying natural soils of glacial origin, which were underlain by residual soils or soft rock derived from the in-place weathering of the parent bedrock. The fill material layer encountered was approximately six (6) to 13 feet thick.

The October 2024 Preliminary Geotechnical Investigation Report was prepared by SESI in conjunction with the Phase II Environmental Site Assessment investigation. The geotechnical investigation was prepared for the Site and a nearby property located at 2752 Webster Avenue which was slated for redevelopment in conjunction with the Site at the time of the investigation. SESI's field investigation for environmental and geotechnical purposes consisted of reviewing the investigation performed by GTA and the existing soils and geological data and advancing a total of thirty-two (32) borings across the 2742 and 2752 Webster Avenue properties between June 10, 2024, and June 14, 2024. Additionally, two (2) temporary groundwater wells were installed at 2752 Webster Avenue. Geotechnical soil samples were collected from eight (8) of the borings advanced below the fill layer at 2752 Webster Avenue. Soil samples suitable for identification purposes were extracted from the

borings at near-continuous intervals in accordance with the Standard Penetration Test (ASTM D1586-11).

SESI investigated and interpreted the Site subsurface conditions and developed the following preliminary foundation design recommendations:

- Additional subsurface investigation is required to satisfy the New York City Building Code (NYCBC) minimum requirement for subsurface investigation.
- Once foundation layout and structural loading are determined, a settlement analysis should be performed to calculate individual column footing and differential settlements to confirm they will be within tolerable limits. If a mat foundation is utilized, an iterative settlement and bearing pressure analysis should be performed in collaboration with the Project Structural Engineer.
- Once pile loading requirements, layouts, and details are finalized, group uplift and lateral capacity analyses should be performed to finalize pile length and reinforcement requirements.
- Site-specific temporary excavation support design drawings should be prepared and submitted to the NYCDOB and Metro North Railroad for approval and permitting purposes.
- Technical specifications should be prepared for the geotechnical aspects of the proposed construction.
- An adjacent structure documentation and monitoring plan should be prepared and submitted to Metro North Railroad for their review and approvals.
- Pre-construction existing conditions documentation of the neighboring/bordering structures should be performed prior to commencing excavation and foundation construction activities at the Site. A similar post-construction conditions documentation should be performed if required by Metro North Railroad.
- Special inspection of deep foundations and shallow foundation subgrade preparation and backfilling should be performed per NYCBC requirements. In addition, quality assurance observation during tie-down anchor installation and testing work (if applicable) should be performed.
- Neighboring structures should be monitored during excavation, support of excavation system installation, dewatering (if applicable), and foundation construction activities using seismographs, crack-monitoring gauges, and elevation and lateral position control points. Results of monitoring should be summarized in reports periodically submitted to Ownership.

SESI hired American Geophysics Inc. in February 2025 to conduct a geophysical survey investigation in the planned nine (9) boring locations for the Phase II investigation and to identify any underground storage tanks (USTs). The Geophysical Investigation Report did not identify any anomalies indicative of USTs to be present on the site.

In April 2025, SESI's Phase I ESA was prepared in conjunction with this Phase II ESA before the Users acquired the Site, and which Phase I identified the following RECs:

- **REC 1 – Historic Fill:** Historic fill material was encountered at the Subject Property during due diligence subsurface investigations at the Subject Property in June 2024 and February 2025. SESI identified historic fill materials within the soil borings to depths of up to 15.0 fbgs. Select volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, metals, and per- and polyfluoroalkyl substances (PFAS) were identified at concentrations above NYSDEC Unrestricted Use Soil Cleanup Objectives (USCOs), Residential Use SCOs (RSCOs), Restricted Residential SCOs (RRSCOs), Commercial Use SCOs (CSCOs), and/or Industrial Use SCOs (ISCOs) in soil samples collected within the fill stratum. **Further investigation and remediation is warranted to address this REC. Additionally, the presence of contaminated historic fill will likely result in a premium disposal cost during redevelopment.**

- **REC 2 – Groundwater Impacts:** SESI collected two (2) groundwater samples during a due diligence investigation at the Subject Property in February 2025. Select SVOCs, metals, and PFAS were identified at concentrations above NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (AWQS) in the groundwater samples collected. **Further action is warranted to address this REC. Additionally, regulated dewatering will be required during redevelopment if groundwater is encountered.**

- **REC 3 – Soil Vapor Impacts:** SESI collected one (1) soil vapor sample during a due diligence investigation at the Subject Property in in June 2024. The VOC 1,2,4-trimethylbenzene was identified at a concentration requiring mitigation when compared to New York State Department of Health (NYSDOH) Soil Vapor/Indoor Air Matrix D in the soil vapor sample collected. **Further action is warranted to address this REC. A sub-slab**

depressurization system or equivalent vapor intrusion mitigation system is required for any proposed development involving human occupancy at the Subject Property.

Additionally, the following BERs were identified:

- **BER 1 – E-Designation:** According to the NYC SPEED, the Subject Property has an E-designation. The E-designation process ensures that sampling and remediation take place at the Subject Property to avoid any significant impacts related to hazardous materials. The E-designation process requires that the fee owner of the Subject Property conducts testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The E-designation process also includes a mandatory construction-related health and safety plan which must be approved by NYCDEP. **Further action is required to address this BER.**

- **BER 2 – Potential Environmental Justice Area Designation:** According to the NYC SPEED, the Subject Property is located within a PEJA. Redevelopment sites within PEJAs are subject to increased regulatory oversight and community outreach requirements during redevelopment. **No further action is required to address this BER. However, increased planning costs and construction delays may result from the increased regulatory oversight and community outreach requirements as a result of the PEJA designation.**

2.0 SUBSURFACE INVESTIGATION

SESI conducted a Phase II ESA in order to evaluate subsurface conditions. The project included ground penetrating radar (GPR) surveys, installation of soil borings and collection of soil samples, installation of temporary wellpoints and collection of groundwater samples, and installation and sampling of a soil vapor point. The investigation was conducted on June 12 and 14, 2024, and February 4, 2025.

In total, twelve (12) soil borings were completed to a maximum depth of 15.0 fbgs. Two (2) of the soil borings were converted to temporary wellpoints and one (1) of the soil borings was converted to a soil vapor probe. The sampling locations are depicted on the attached **Figure 2.1.** The subsurface investigation is further discussed in the following sections of this report.

2.1.1 UTILITY CLEARANCE AND GEOPHYSICAL SURVEY

Prior to conducting subsurface drilling for the investigation, SESI's drilling contractors, PG Environmental Services, Inc. and Coastal Environmental Solutions, Inc., contacted the New York One Call utility mark-out system. In addition, I February 2025, SESI retained a private utility locator, American Geophysics Inc., to perform a geophysical survey using GPR and electromagnetic detection equipment to clear proposed sample locations. The GPR survey did not identify remnant USTs associated with the historical structures. The GPR report is provided in **Appendix A**.

2.1.2 SOIL INVESTIGATION

Twelve (12) soil borings were advanced throughout the Site using direct push drilling techniques to a maximum depth of 15.0 fbgs. 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 and odors were not observed. Historic fill generally consisting of coarse to fine sand, variable amounts of gravel, silt, and clay, were encountered beneath the asphalt pavement in each boring. Debris within the historic fill layer included concrete, metal, wood and/or brick. The historic fill materials were encountered to the boring terminus' of between 5.0 fbgs and 15.0 fbgs in borings SB-1 through SB-8. **Table 2.1** below presents a list of the borings, boring depth, maximum PID reading, samples collected, sampling date, sample media, and analysis completed. The soil boring logs are presented in **Appendix B**. A total of twelve (12) soil samples were collected from the borings and submitted under proper chain of custody (COC) to Alpha Analytical (Alpha), a NYSDOH

Environmental Laboratory Approval Program (ELAP)-certified laboratory. All soil samples were collected as discrete grab samples and were not composited.

Table 2.1 – Sample Summary Table

Boring ID	Boring Depth (fbgs)	Maximum PID Reading (ppm)	Sample ID	Sample Date	Sample Media	Analysis
SB-1	10.0	0.1	SB-1 (0.5-1)	2/4/2025	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
SB-2/TW-2	10.0	0.1	SB-2 (9.5-10)	2/4/2025	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
SB-3	5.0	0.0	SB-3 (3-3.5)	2/4/2025	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
SB-4	10.0	0.0	SB-4 (1-1.5)	2/4/2025	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
SB-5	10.0	0.0	SB-5 (8-8.5)	2/4/2025	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
SB-6	10.0	0.0	SB-6 (5-5.5)	2/4/2025	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
SB-7	10.0	0.0	SB-7 (4.5-5)	2/4/2025	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
SB-8/TW-1	10.0	0.0	SB-8 (6.5-7)	2/4/2025	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-17/SV-1	15.0	0.0	B-17 (3-3.5)	6/12/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-18	10.0	0.0	B-18 (4-4.5)	6/12/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-31	10.0	0.0	B-31 (3.5-4)	6/14/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-32	10.0	0.0	B-32 (1.5-2)	6/14/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS

Note:
ppm – Parts per million

2.1.3 SOIL ANALYTICAL RESULTS

A total of twelve (12) subsurface soil samples were collected during the investigation to evaluate the potential impacts from former Site uses and to partially satisfy the requirements of potentially entering the BCP. The soil samples were submitted to Alpha for analysis of the Target Compound List (TCL) plus thirty (30) tentatively identified compounds (TICs)/Target Analyte List (TAL) suite,

which includes VOCs, SVOCs, polychlorinated biphenyls (PCBs), TAL metals, pesticides, and cyanide, in addition to 1,4-dioxane and PFAS.

A summary table of the analytical results compared to NYSDEC USCOs, RSCOs, RRSCOs, CSCOs, ISCOs, and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) is presented in the attached **Table 2.2**. The laboratory analytical reports are provided in **Appendix C** and include additional results from investigations performed on off-Site properties. The following **Table 2.3** presents a summary of NYSDEC SCO exceedances. The soil sampling locations are shown on **Figure 2.2.**

Table 2.3 – Summary of Soil Exceedances

SAMPLE ID:							SB-1 (0.5-1)		SB-2 (9.5-10)		SB-3 (3-3.5)		SB-4 (1-1.5)	
COLLECTION DATE:							2/4/2025		2/4/2025		2/4/2025		2/4/2025	
SAMPLE DEPTH (FBGS):							0.5-1.0		9.5-10.0		3.0-3.5		1.0-1.5	
ANALYTE	USCO	RSCO	RRSCO	CSCO	ISCO	PGWSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOCs (mg/kg)														
Acetone	0.05	100	100	500	1000	0.05	ND		0.034		ND		0.0054	J
PFAS (ug/kg)														
Perfluorooctanoic Acid (PFOA)	0.66	6.6	33	500	600		0.109	J	0.128	J	0.277		0.302	
SVOCs (mg/kg)														
Benzo(a)anthracene	1	1	1	5.6	11	1	0.087	J	0.86		6.9		0.53	
Benzo(a)pyrene	1	1	1	1	1.1	22	0.089	J	0.6		7		0.56	
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.11		0.75		11		0.72	
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.041	J	0.26		3.3		0.24	
Chrysene	1	1	3.9	56	110	1	0.088	J	0.77		9.4		0.56	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1000	ND		0.083	J	1.8		0.091	J
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.053	J	0.29		4.9		0.35	
Pesticides (mg/kg)														
4,4'-DDD	0.0033	2.6	13	92	180	14	ND		0.0116	P	0.0152		ND	
4,4'-DDE	0.0033	1.8	8.9	62	120	17	0.000521	J	0.00453	P	0.00428		0.00269	
4,4'-DDT	0.0033	1.7	7.9	47	94	136	ND		ND		0.00318		0.00233	
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.1	0.00153		ND		0.00514		ND	
Metals (mg/kg)														
Copper, Total	50	270	270	270	10000	1,720	35.4		26.7		46.5		104	
Lead, Total	63	400	400	1000	3900	450	91.9		65.2		200		136	
Mercury, Total	0.18	0.81	0.81	2.8	5.7	0.73	0.119		0.091		0.219		0.116	
Zinc, Total	109	2200	10000	10000	10000	2,480	94.5		76.5		221		667	

SAMPLE ID:							SB-6 (5-5.5)		SB-7 (4.5-5)		SB-8 (6.5-7)		B-17 (3-3.5)	
COLLECTION DATE:							2/4/2025		2/4/2025		2/4/2025		6/12/2024	
SAMPLE DEPTH (FBGS):							5.0-5.5		4.5-5.0		6.5-7.0		3.0-3.5	
ANALYTE	USCO	RSCO	RRSCO	CSCO	ISCO	PGWSCO	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOCs (mg/kg)														
Acetone	0.05	100	100	500	1000	0.05	ND		ND		0.0016		0.18	
PFAS (ug/kg)														
Perfluorooctanoic Acid (PFOA)	0.66	6.6	33	500	600		0.732		0.146	J	0.377		0.049	J
SVOCs (mg/kg)														
Benzo(a)anthracene	1	1	1	5.6	11	1	4.6		1.6		1.5		0.63	
Benzo(a)pyrene	1	1	1	1	1.1	22	3.8		1.5		1.7		0.66	
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	4.3		1.9		2.1		0.9	
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	1.9		0.55		0.79		0.27	
Chrysene	1	1	3.9	56	110	1	4.2		1.7		1.6		0.58	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1000	0.57		0.22		0.28	J	0.1	J
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	2.1		0.95		1.1		0.44	
Pesticides (mg/kg)														
4,4'-DDD	0.0033	2.6	13	92	180	14	ND		0.000652	J	ND		0.00113	J
4,4'-DDE	0.0033	1.8	8.9	62	120	17	ND		0.00402		ND		0.000505	J
4,4'-DDT	0.0033	1.7	7.9	47	94	136	0.0016	J	0.00621		ND		ND	
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.1	ND		ND		ND		ND	
Metals (mg/kg)														
Copper, Total	50	270	270	270	10000	1,720	27.7		43.8		154		34.5	
Lead, Total	63	400	400	1000	3900	450	420		127		193		126	
Mercury, Total	0.18	0.81	0.81	2.8	5.7	0.73	0.157		0.186		0.608		0.128	
Zinc, Total	109	2200	10000	10000	10000	2,480	74.9		186		109		116	

SAMPLE ID:							B-18 (4-4.5)		B-31 (3.5-4)	
COLLECTION DATE:							6/12/2024		6/14/2024	
SAMPLE DEPTH (FBGS):							4.0-4.5		3.5-4.0	
ANALYTE	USCO	RSCO	RRSCO	CSCO	ISCO	PGWSCO	Conc	Q	Conc	Q
VOCs (mg/kg)										
Acetone	0.05	100	100	500	1000	0.05	0.075		0.024	
PFAS (ug/kg)										
Perfluorooctanoic Acid (PFOA)	0.66	6.6	33	500	600		ND		0.06	J
SVOCs (mg/kg)										
Benzo(a)anthracene	1	1	1	5.6	11	1	0.64		0.11	
Benzo(a)pyrene	1	1	1	1	1.1	22	0.74		0.11	J
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.86		0.14	
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.32		0.04	J
Chrysene	1	1	3.9	56	110	1	0.58		0.11	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1000	0.14		ND	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.42		0.069	J
Pesticides (mg/kg)										
4,4'-DDD	0.0033	2.6	13	92	180	14	0.00221		0.00321	
4,4'-DDE	0.0033	1.8	8.9	62	120	17	ND		0.00409	
4,4'-DDT	0.0033	1.7	7.9	47	94	136	ND		ND	
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.1	ND		ND	
Metals (mg/kg)										
Copper, Total	50	270	270	270	10000	1,720	29		24.8	
Lead, Total	63	400	400	1000	3900	450	111		25.6	
Mercury, Total	0.18	0.81	0.81	2.8	5.7	0.73	0.315		0.08	
Zinc, Total	109	2200	10000	10000	10000	2,480	73.3		65.7	

Notes:
Fbgs – Feet below ground surface
ug/kg – Micrograms per kilogram
mg/kg – Milligrams per kilogram
J – Estimated value
Q – Sample Qualifier
ND – Analyte was not detected
P – The RPD between the results for the two columns exceeds the method-specific criteria

Key:

Value Exceeds USCO.
Value Exceeds RSCO.
Value Exceeds RRSCO.
Value Exceeds CSCO.
Value Exceeds ISCO.
Value Exceeds PGWSCO.

Exceedances of VOCs were identified and include the following: acetone (2 USCO / PGWSCO exceedances).

Exceedances of PFAS were identified and include the following: perfluorooctanoic acid (PFOA) (1 USCO guidance level exceedance).

Exceedances of SVOCs were identified and include the following: benzo(a)anthracene (1 USCO / RSCO / RRSCO / CUSCO / ISCO / PGWSCO exceedance and 3 USCO / RSCO / RRSCO / PGWSCO exceedances), benzo(a)pyrene (4 USCO / RSCO / RRSCO / CUSCO / ISCO exceedances), benzo(b)fluoranthene (1 USCO / RSCO / RRSCO / CUSCO / PGWSCO exceedance and 3 USCO / RSCO / RRSCO / PGWSCO exceedances), benzo(k)fluoranthene (2 USCO / RSCO / PGWSCO exceedances), chrysene (2 USCO / RSCO / RRSCO / PGWSCO exceedances and 2 USCO / RSCO / PGWSCO exceedances), dibenzo(a,h)anthracene (1 USCO / RSCO / RRSCO / CUSCO / ISCO exceedance and 1 USCO / RSCO / RRSCO / CUSCO exceedance), and indeno(1,2,3-cd)pyrene (4 USCO / RSCO / RRSCO exceedances).

Exceedances of pesticides were identified and include the following: 4,4'-DDD (2 USCO exceedances), 4,4'-DDE (4 USCO exceedances), 4,4'-DDT (1 USCO exceedance), and dieldrin (1 USCO exceedance).Exceedances of metals were identified and include the following: copper (2 USCO exceedances), lead (1 USCO / RSCO / RRSCO exceedance and 8 USCO exceedances), mercury (4 USCO exceedances), nickel (1 USCO exceedance), and zinc (5 USCO exceedances).

PCBs and 1,4-dioxane were not detected at concentrations exceeding NYSDEC SCOs in the soil samples collected.

2.1.4 GROUNDWATER INVESTIGATION

To evaluate groundwater quality at the Site, SESI collected two (2) groundwater samples from temporary wellpoints installed within the soil borings (SB-8/TW-1 and SB-2/TW-2). The groundwater

samples were collected by installing a one-inch inside diameter (ID) poly-vinyl chloride (PVC) well screen and riser pipe in the annular space of the borings. The groundwater samples were collected using low-flow sampling techniques with a peristaltic pump and disposable tubing. A total of two (2) groundwater samples were submitted under proper COC to Alpha, a NYSDOH ELAP-certified laboratory.

2.1.5 GROUNDWATER ANALYTICAL RESULTS

A total of two (2) groundwater samples were collected on February 4, 2025, and submitted to Alpha for analysis of TCL+30/TAL, 1,4-dioxane and PFAS.

A summary table of the analytical results compared to NYSDEC TOGS AWQS is presented in the attached **Table 2.4**. The laboratory analytical reports are provided in **Appendix C** and include additional results from investigations performed on off-Site properties. The following **Table 2.5** presents a summary of NYSDEC AWQS exceedances. The groundwater sampling locations are shown on **Figure 2.3.**

Table 2.5 – Summary of Groundwater Exceedances

SAMPLE ID:		TW-1				TW-2			
LAB ID:		L2506138-11				L2506138-10			
COLLECTION DATE:		2/4/2025				2/4/2025			
SAMPLE MATRIX:		WATER				WATER			
ANALYTE	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL
PFAS (ug/l)									
Perfluorooctanesulfonic Acid (PFOS)	0.0027	**0.028**		0.00152	0.000252	**0.019**		0.00148	0.000244
Perfluorooctanoic Acid (PFOA)	0.0067	**0.0482**		0.00152	0.000252	0.00186		0.00148	0.000244
SVOCs (ug/l)									
Benzo(a)pyrene	0	**0.03**	J	0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	0.002	**0.04**	J	0.1	0.03	ND		0.1	0.03
Phenol	1	**2.4**	J	5	0.35	ND		5	0.35
Metals (ug/l)									
Beryllium, Total	3	ND		0.5	0.1	**5.24**		0.5	0.1
Chromium, Total	50	5.64		1	0.17	**82.19**		1	0.17
Iron, Total	300	**2770**		50	19.1	**62600**		50	19.1
Magnesium, Total	35000	14000		70	24.2	**59200**		70	24.2
Manganese, Total	300	**425.5**		1	0.44	**8877**		1	0.44
Nickel, Total	100	7.19		2	0.55	**109.1**		2	0.55
Selenium, Total	10	3.09	J	5	1.73	**45.4**		5	1.73
Sodium, Total	20000	16300		500	29.3	**35500**		500	29.3
Thallium, Total	0.5	ND		1	0.14	**0.64**	J	1	0.14

Notes:
ug/L – Micrograms per liter
Q – Sample Qualifier
ND – Analyte was not detected

J – Estimated value

Key:
Result Exceeds NY-AWQS.

Exceedances of PFAS were identified and include the following: perfluorooctanesulfonic acid (PFOS) (2 exceedances) and PFOA (1 exceedance).

Exceedances of SVOCs were identified and include the following: benzo(a)pyrene (1 exceedance), benzo(b)fluoroanthene (1 exceedance), and phenol (1 exceedance).

Exceedances of metals were identified and include the following: beryllium (1 exceedance), chromium (1 exceedance), iron (2 exceedances), magnesium (1 exceedance), manganese (2 exceedances), nickel (1 exceedance), selenium (1 exceedance), sodium (1 exceedance), and thallium (1 exceedance).

VOCs, PCBs, pesticides, and 1,4-dioxane were not detected at concentrations exceeding NYSDEC AWQS in the groundwater samples collected.

2.1.6 SOIL VAPOR INVESTIGATION

A total of one (1) soil vapor point was installed on June 12, 2024, 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. One (1) soil vapor sample was collected from the soil vapor probe and submitted under proper COC to Alpha, a NYSDOH ELAP-certified laboratory.

2.1.7 SOIL VAPOR ANALYTICAL RESULTS

One (1) soil vapor sample was collected during the investigation and submitted to Alpha 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** and include additional results from investigations performed on off-Site properties. The following **Table 2.7** presents a summary of NYSDOH Soil Vapor/Indoor Air Matrices exceedances. The soil vapor sampling location is shown on **Figure 2.4.**

Table 2.7 – Summary of Soil Vapor Detections

SAMPLE ID:											SV-4	
LAB ID:											L2433175-04	
COLLECTION DATE:											6/12/2024	
SAMPLE MATRIX:											SOIL_VAPOR	
ANALYTE	NY-IAC-A	NY-SSC-A	NY-IAC-B	NY-SSC-B	NY-IAC-D	NY-SSC-D	NY-IAC-E	NY-SSC-E	NY-IAC-F	NY-SSC-F	Conc	RL
VOCs (ug/m3)												
1,2,4-Trimethylbenzene					2	60					**944**	2.89
1,3,5-Trimethylbenzene					2	60					**423**	2.89
1,3-Butadiene											17.9	1.3
2,2,4-Trimethylpentane					2	60					8.87	2.75
2-Butanone											64.3	4.34
4-Ethyltoluene											394	2.89
4-Methyl-2-pentanone											18.5	6.02
Acetone											108	6.98
Benzene					2	60					11.8	1.88
Carbon disulfide											49.5	1.83
Carbon tetrachloride	0.2	6									**26**	3.7
Chloroform											9.03	2.87
Cyclohexane					2	60					30.4	2.02
Dichlorodifluoromethane											4.11	2.91
Ethylbenzene					2	60					23.4	2.55
Heptane							6	200			80.3	2.41
n-Hexane							6	200			55.3	2.07
Naphthalene					2	60					**60.3**	3.08
o-Xylene					2	60					**102**	2.55
p/m-Xylene							6	200			106	5.13
Tertiary butyl Alcohol											25.8	4.46
Tetrachloroethene			3	100							23	3.99
Toluene									10	300	37.2	2.22
Trichloroethene	0.2	6									3.83	3.16
Trichlorofluoromethane											158	3.3

Notes
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-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 20
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 20
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 25 VOCs were detected in the one (1) soil vapor sample. Based on a comparison of the soil vapor results to the NYSDOH Soil Vapor/Indoor Air Matrices, the elevated concentration of 1,2,4-Trimethylbenzene in soil vapor at the Site will likely require mitigation following redevelopment despite the lack of a collocated indoor air sample. It should be noted that several other VOCs were determined to be present at levels in the soil vapor that would also require mitigation if they were collocated with indoor air levels with fairly low levels of the same compound. This further reinforces the likely need for vapor mitigation in the future redevelopment.

3.0 CONCLUSIONS

In June 2024 and February 2025, SESI performed sampling of soil, groundwater and soil vapor at the Site to partially satisfy the requirements of potentially entering the Site into the Brownfield Cleanup Program (BCP). The investigation activities completed by SESI confirmed the presence of acetone, PFOA, SVOCs, pesticides, and metals contamination in soil/historic fill, and PFOS, PFOA, SVOCs and metals contamination in groundwater at the Site. Additionally, elevated VOC concentrations in soil vapor will likely require mitigation following redevelopment.

Contaminant concentrations exceeding USCOs are present Site-wide. Results of soil samples SB-1(0.5-1), SB-2(9.5-10), SB-4(1-1.5), and B-31(3.5-4) collected throughout the Site only exceed USCOs, and do not exceed RSCOs, RRSCOs, CSCOs, ISCOs, or PGWSCOs. RSCO, RRSCO, CSCO, ISCO, and PGWSCO exceedances are generally concentrated in the northeastern portion of the Site, specifically within or adjacent to Lot 92, in addition to a RSCO, RRSCO, CSCO, ISCO, and PGWSCO exceedance in soil sample SB-3(3-3.5). RSCO contamination was identified to a maximum depth of 7.0 fbgs in soil sample SB-8(6.5-7) collected from the eastern corner of the Site.

Groundwater samples were collected from two (2) temporary wellpoints located in the eastern and western portions of the Site. SVOCs were detected at a concentration exceeding its NYSDEC AWQS in one groundwater sample, and select metals and PFAS were detected at concentrations exceeding NYSDEC AWQS in samples collected from both temporary wellpoints.

Based on the results of the investigations completed to date, it has been determined that the Site will need to be remediated as part of the mixed-use commercial and residential redevelopment of the Site. This will be accomplished through entry into the Brownfield Cleanup Program (BCP). Recommendations are provided in the following section for a proposed path forward.

4.0 RECOMMENDATIONS

Based on the results and discussions with the development team, due to the future residential use on the Site, it has been determined remediation will be required at the Site. 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.

Based on the proposed end uses for the property, it is our understanding that a BCP application will be completed and submitted to the NYSDEC for consideration. Acceptance into the BCP would involve a submittal of a BCP application. Under this program, soils would be remediated and exported off-Site under NYSDEC oversight. This option provides liability protection and tax credits associated with remediation costs, which are not available if the Site is remediated outside of the program. This option would require the preparation of a Remedial Investigation Work Plan (RIWP), which will also be submitted with the BCP application package to save time, and in order to implement the more extensive remedial investigation (RI) required for this program. Following acceptance into the BCP, the RI will need to be completed, followed by preparation of a Remedial Investigation Report (RIR), preparation of a Remedial Action Work Plan (RAWP), implementation of the remediation, development of Final Engineering Report, and completion of a Site Management Plan (SMP) and environmental easements, if required. All of the work would need to be reviewed and approved by a NYSDEC case manager. Additionally, based on the Site's designation as E-designation, any planned development or construction activity will require an application to the New York City Office of Environmental Remediation (OER).

Once the Site is approved into the BCP, remedial investigation would likely consist of horizontal and vertical delineation of the VOC, SVOC, metal, pesticide, and PFAS contamination in soil, and the phenol and PFAS contamination in groundwater. Additionally, indoor air sampling and/or installation of a vapor intrusion mitigation system will likely be required based on the elevated concentration of VOCs identified in soil vapor.

Following receipt and evaluation of the analytical data, a preferred remedy would be chosen. It is likely that a Track 2 Remedy, which would allow for soil exceeding the USCOs and at or below RSCOs to remain on-Site, would be selected based on current results with the goal that soils from 0-15 fbgs meet the RSCOs. However, further consideration would be made to the feasibility of achieving a Track 1 cleanup following the receipt of the remedial investigation data.

Tables

Table 2.2
Summary of Soil Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:							SB-1 (0.5-1)				SB-2 (9.5-10)				SB-3 (3-3.5)				SB-4 (1-1.5)				SB-5 (8-8.5)				SB-6 (5-5.5)				SB-7 (4.5-5)			
LAB ID:							L2506138-05				L2506138-02				L2506138-06				L2506138-07				L2506138-04				L2506138-09				L2506138-03			
COLLECTION DATE:							2/4/2025				2/4/2025				2/4/2025				2/4/2025				2/4/2025				2/4/2025				2/4/2025			
SAMPLE DEPTH (FBGS):							0.5-1.0				9.5-10.0				3.0-3.5				1.0-1.5				9.0-8.5				5.0-5.5				4.5-5.0			
SAMPLE MATRIX:							SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	USCO	RSCO	RRSCO	CSCO	ISCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOCs (mg/kg)																																		
1,1,1,2-Tetrachloroethane							ND		0.00052	0.00014	ND		0.00055	0.00015	ND		0.00044	0.00012	ND		0.00055	0.00014	ND		0.00059	0.00015	ND		0.00047	0.00012	ND		0.00064	0.00017
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.68	ND		0.00052	0.00017	ND		0.00055	0.00018	ND		0.00044	0.00015	ND		0.00055	0.00018	ND		0.00059	0.0002	ND		0.00047	0.00016	ND		0.00064	0.00022
1,1,2,2-Tetrachloroethane							ND		0.00052	0.00017	ND		0.00055	0.00018	ND		0.00044	0.00015	ND		0.00055	0.00018	ND		0.00059	0.00019	ND		0.00047	0.00016	ND		0.00064	0.00021
1,1,2-Trichloroethane							ND		0.001	0.00028	ND		0.0011	0.0003	ND		0.00089	0.00024	ND		0.0011	0.00029	ND		0.0012	0.00031	ND		0.00095	0.00025	ND		0.0013	0.00034
1,1-Dichloroethane	0.27	19	26	240	480	0.27	ND		0.001	0.00015	ND		0.0011	0.00016	ND		0.00089	0.00013	ND		0.0011	0.00016	ND		0.0012	0.00017	ND		0.00095	0.00014	ND		0.0013	0.00019
1,1-Dichloroethene	0.33	100	100	500	1000	0.33	ND		0.001	0.00025	ND		0.0011	0.00026	ND		0.00089	0.00021	ND		0.0011	0.00026	ND		0.0012	0.00028	ND		0.00095	0.00022	ND		0.0013	0.00031
1,1-Dichloropropene							ND		0.00052	0.00016	ND		0.00055	0.00018	ND		0.00044	0.00014	ND		0.00055	0.00017	ND		0.00059	0.00019	ND		0.00047	0.00015	ND		0.00064	0.0002
1,2,3-Trichlorobenzene							ND		0.0021	0.00033	ND		0.0022	0.00036	ND		0.0018	0.00029	ND		0.0022	0.00035	ND		0.0023	0.00038	ND		0.0019	0.0003	ND		0.0026	0.00042
1,2,3-Trichloropropane							ND		0.0021	0.00013	ND		0.0022	0.00014	ND		0.0018	0.00011	ND		0.0022	0.00014	ND		0.0023	0.00015	ND		0.0019	0.00012	ND		0.0026	0.00016
1,2,4,5-Tetramethylbenzene							ND		0.0021	0.0002	0.0014	J	0.0022	0.00021	ND		0.0018	0.00017	ND		0.0022	0.00021	ND		0.0023	0.00022	ND		0.0019	0.00018	ND		0.0026	0.00025
1,2,4-Trichlorobenzene							ND		0.0021	0.00028	ND		0.0022	0.0003	ND		0.0018	0.00024	ND		0.0022	0.0003	ND		0.0023	0.00032	ND		0.0019	0.00026	ND		0.0026	0.00035
1,2,4-Trimethylbenzene	3.6	47	52	190	380	3.6	ND		0.0021	0.00034	ND		0.0022	0.00037	ND		0.0018	0.0003	ND		0.0022	0.00036	ND		0.0023	0.00039	ND		0.0019	0.00032	ND		0.0026	0.00043
1,2-Dibromo-3-chloropropane							ND		0.0031	0.001	ND		0.0033	0.0011	ND		0.0027	0.00089	ND		0.0033	0.0011	ND		0.0035	0.0012	ND		0.0028	0.00094	ND		0.0039	0.0013
1,2-Dibromoethane							ND		0.001	0.00029	ND		0.0011	0.00031	ND		0.00089	0.00025	ND		0.0011	0.0003	ND		0.0012	0.00033	ND		0.00095	0.00026	ND		0.0013	0.00036
1,2-Dichlorobenzene	1.1	100	100	500	1000	1.1	ND		0.0021	0.00015	ND		0.0022	0.00016	ND		0.0018	0.00013	ND		0.0022	0.00016	ND		0.0023	0.00017	ND		0.0019	0.00014	ND		0.0026	0.00018
1,2-Dichloroethane	0.02	2.3	3.1	30	60	0.02	ND		0.001	0.00026	ND		0.0011	0.00028	ND		0.00089	0.00023	ND		0.0011	0.00028	ND		0.0012	0.0003	ND		0.00095	0.00024	ND		0.0013	0.00033
1,2-Dichloroethene, Total							ND		0.001	0.00014	ND		0.0011	0.00015	ND		0.00089	0.00012	ND		0.0011	0.00015	ND		0.0012	0.00016	ND		0.00095	0.00013	ND		0.0013	0.00018
1,2-Dichloropropane							ND		0.001	0.00013	ND		0.0011	0.00014	ND		0.00089	0.00011	ND		0.0011	0.00014	ND		0.0012	0.00015	ND		0.00095	0.00012	ND		0.0013	0.00016
1,3,5-Trimethylbenzene	8.4	47	52	190	380	8.4	ND		0.0021	0.0002	ND		0.0022	0.00021	ND		0.0018	0.00017	ND		0.0022	0.00021	ND		0.0023	0.00023	ND		0.0019	0.00018	ND		0.0026	0.00025
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	ND		0.0021	0.00015	ND		0.0022	0.00016	ND		0.0018	0.00013	ND		0.0022	0.00016	ND		0.0023	0.00017	ND		0.0019	0.00014	ND		0.0026	0.00019
1,3-Dichloropropane							ND		0.0021	0.00017	ND		0.0022	0.00018	ND		0.0018	0.00015	ND		0.0022	0.00018	ND		0.0023	0.0002	ND		0.0019	0.00016	ND		0.0026	0.00022
1,3-Dichloropropene, Total							ND		0.00052	0.00016	ND		0.00055	0.00018	ND		0.00044	0.00014	ND		0.00055	0.00017	ND		0.00059	0.00018	ND		0.00047	0.00015	ND		0.00064	0.0002
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	ND		0.0021	0.00018	ND		0.0022	0.00019	ND		0.0018	0.00015	ND		0.0022	0.00019	ND		0.0023	0.0002	ND		0.0019	0.00016	ND		0.0026	0.00022
1,4-Dioxane	0.1	9.8	13	130	250	0.1	ND		0.083	0.036	ND		0.089	0.039	ND		0.071	0.031	ND		0.087	0.038	ND		0.094	0.041	ND		0.076	0.033	ND		0.1	0.045
2,2-Dichloropropane							ND		0.0021	0.00021	ND		0.0022	0.00022	ND		0.0018	0.00018	ND		0.0022	0.00022	ND		0.0023	0.00024	ND		0.0019	0.00019	ND		0.0026	0.00026
2-Butanone	0.12	100	100	500	1000	0.12	ND		0.01	0.0023	0.0088	J	0.011	0.0024	ND		0.0089	0.002	ND		0.011	0.0024	ND		0.012	0.0026	ND		0.0095	0.0021	ND		0.013	0.0029
2-Hexanone							ND		0.01	0.0012	ND		0.011	0.0013	ND		0.0089	0.001	ND		0.011	0.0013	ND		0.012	0.0014	ND		0.0095	0.0011	ND		0.013	0.0015
4-Methyl-2-pentanone							ND		0.01	0.0013	ND		0.011	0.0014	ND		0.0089	0.0011	ND		0.011	0.0014	ND		0.012	0.0015	ND		0.0095	0.0012	ND		0.013	0.0016
Acetone	0.05	100	100	500	1000	0.05	ND		0.01	0.005	0.034		0.011	0.0053	ND		0.0089	0.0043	0.0054	J	0.011	0.0052	ND		0.012	0.0056	ND		0.0095	0.0046	ND		0.013	0.0062
Acrylonitrile							ND		0.0041	0.0012	ND		0.0044	0.0013	ND		0.0036	0.001	ND		0.0044	0.0012	ND		0.0047	0.0013	ND		0.0038	0.0011	ND		0.0052	0.0015
Benzene	0.06	2.9	4.8	44	89	0.06	ND		0.00052	0.00017	ND		0.00055	0.00018	ND		0.0044	0.00015	ND		0.00055	0.00018	ND		0.00059	0.00019	ND		0.0047	0.0016	ND		0.0064	0.00021
Bromobenzene							ND		0.0021	0.00015	ND		0.0022	0.00016	ND		0.0018	0.00013	ND		0.0022	0.00016	ND		0.0023	0.00017	ND		0.0019	0.00014	ND		0.0026	0.00019
Bromochloromethane							ND		0.0021	0.00021	ND		0.0022	0.00023	ND		0.0018	0.00018	ND		0.0022	0.00022	ND		0.0023	0.00024	ND		0.0019	0.00019	ND		0.0026	0.00026
Bromodichloromethane							ND		0.00052	0.00011	ND		0.00055	0.00012	ND		0.00044	0.0001	ND		0.00055	0.00012	ND		0.00059	0.00013	ND		0.00047	0.0001	ND		0.00064	0.00014
Bromoform							ND		0.0041	0.00025	ND		0.0044	0.00027	ND		0.0036	0.00022	ND		0.0044	0.00027	ND		0.0047	0.00029	ND		0.0038	0.00023	ND		0.0052	0.00032
Bromomethane							ND		0.0021	0.0006	ND		0.0022	0.00064	ND		0.0018	0.00052	ND		0.0022	0.00063	ND		0.0023	0.00068	ND		0.0019	0.00055	ND		0.0026	0.00075
Carbon disulfide							ND		0.01	0.0047	ND		0.011	0.005	ND		0.0089	0.004	ND		0.011	0.005	ND		0.012	0.0053	ND		0.0095	0.0043	ND		0.013	0.0059
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.76	ND		0.001	0.00024	ND		0.0011	0.00025	ND		0.00089	0.0002	ND		0.0011	0.00025	ND		0.0012	0.00027	ND		0.00095	0.00022	ND		0.0013	0.0003
Chlorobenzene	1.1	100	100	500	1000	1.1	ND		0.00052	0.00013	ND		0.00055	0.00014	ND		0.00044	0.00011	ND		0.00055	0.00014	ND		0.00059	0.00015	ND		0.00047	0.00012	ND		0.00064	0.00016
Chloroethane							ND		0.0021	0.00047	ND		0.0022	0.0005	ND		0.0018	0.0004	ND		0.0022	0.00049	ND		0.0023	0.00053	ND		0.0019	0.00043	ND		0.0026	0.00058
Chloroform	0.37	10	49	350	700	0.37	ND		0.0016	0.00014	ND		0.0017	0.00016	ND		0.0013	0.00012	ND		0.0016	0.00015	ND		0.0018	0.00016	ND		0.0014	0.00013	ND		0.0019	0.00018
Chloromethane							ND		0.0041	0.00096	ND		0.0044	0.001	ND		0.0036	0.00083	ND		0.0044	0.001	ND		0.0047	0.0011	ND		0.0038	0.00088	ND		0.0052	0.0012
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.25	ND		0.001	0.00018	ND		0.0011	0.00019	ND		0.00089	0.00016	ND		0.0011	0.00019	ND		0.0012	0.0002	ND		0.00095	0.00016	ND		0.0013	0.00022
cis-1,3-Dichloropropene							ND		0.00052	0.00016	ND		0.00055	0.00018	ND		0.00044	0.00014	ND		0.00055	0.00017	ND		0.00059	0.00018	ND		0.00047	0.00015	ND		0.00064	0.0002
Dibromochloromethane							ND		0.001	0.00014	ND		0.0011	0.00016	ND		0.00089	0.00012	ND		0.0011	0.00015	ND		0.0012	0.00016	ND		0.00095	0.00013	ND		0.0013	0.00018
Dibromomethane							ND		0.0021	0.00025	ND		0.0022	0.00026	ND		0.0018	0.00021	ND		0.0022	0.00026	ND		0.0023	0.00028	ND		0.0019	0.00022	ND		0.0026	0.00031
Dichlorodifluoromethane							ND		0.01	0.00094	ND		0.011	0.001	ND		0.0089	0.00081	ND		0.011	0.001	ND		0.012	0.0011	ND		0.0095	0.00087	ND		0.013	0.0012
Ethyl ether							ND		0.0021	0.00035	ND		0.0022	0.00038	ND		0.0018	0.0003	ND		0.0022	0.00037	ND		0.0023	0.0004	ND		0.0019	0.00032	ND		0.0026	0.00044
Ethylbenzene	1	30	41	390	780	1	ND		0.001	0.00014	ND		0.0011	0.00016	ND		0.00089	0.00012	ND		0.0011	0.00015	ND		0.0012	0.00016	ND		0.00095	0.00013	ND		0.0013	0.00018
Hexachlorobutadiene							ND		0.0041	0.00017	ND		0.0044	0.00019	ND		0.0036	0.00015	ND		0.0044	0.00018	ND		0.0047	0.0002	ND		0.0038	0.00016	ND		0.0052	0.00022
Isopropylbenzene							ND		0.001	0.00011	ND		0.0011	0.00012	ND		0.00089	0.0001	ND		0.0011	0.00012	ND		0.0012	0.00013	ND		0.00095	0.0001	ND		0.0013	0.00014
Methyl tert butyl ether	0.93	62	100	500	1000	0.93	ND		0.0021	0.00021	ND		0.0022	0.00022	ND		0.0018	0.00018	ND		0.0022	0.00022	ND		0.0023	0.00024	ND		0.0019	0.00019	ND		0.0026	0.00026
Methylene chloride	0.05	51	100	500	1000	0.05	ND		0.0052	0.0024	ND		0.0055	0.0025	ND		0.0044	0.002	ND		0.0055	0.0025	ND		0.0059	0.0027	ND		0.0047	0.0022	ND		0.0064	0.003
n-Butylbenzene	12	100	100	500	1000	12	ND		0.001	0.00017	ND		0.0011	0.00018	ND		0.00089	0.00015	ND		0.0011	0.00018	ND		0.0012	0.0002	ND		0.00095	0.00016	ND		0.0013	0.00022
n-Propylbenzene	3.9	100	100	500	1000	3.9	ND		0.001	0.00018	0.00019	J	0.0011	0.00019	ND		0.00089	0.00015	ND		0.0011	0.00019	ND		0.0012	0.0002	ND		0.00095	0.00016	ND		0.0013	0.00022
Naphthalene	12	100	100	500	1000	12	ND		0.0041	0.00067	0.13		0.0044	0.00072	ND		0.0036	0.00058	ND		0.0044	0.00071	ND		0.0047	0.00076	ND		0.0038	0.00062	0.0033	J	0.0052	0.00084
o-Chlorotoluene							ND		0.0021	0.0002	ND		0.0022	0.00021	ND		0.0018	0.00017	ND		0.0022	0.00021	ND		0.0023	0.00022	ND		0.0019	0.00018	ND		0.0026	0.00025
o-Xylene							ND		0.001	0.0003	ND		0.0011	0.00032	ND		0.00089	0.00026	ND		0.0011	0.00032	ND		0.0012	0.00034	ND		0.00095	0.00028	ND		0.0013	0.00038
p-Chlorotoluene							ND		0.0021	0.00011	ND		0.0022	0.00012	ND		0.0018	0.0001	ND		0.0022	0.00012	ND		0.0023	0.00013	ND		0.0019	0.0001	ND		0.0026	0.00014
p-Diethylbenzene							ND		0.0021	0.00018	0.00074	J	0.0022	0.0002	ND		0.0018	0.00016	ND		0.0022	0.00019	ND		0.0023	0.00021	ND		0.0019	0.00017	ND		0.0026	0.00023
p-Ethyltoluene							ND		0.0021	0.0004	ND		0.0022	0.00042	ND		0.0018	0.00034	ND		0.0022	0.00042	ND		0.0023	0.00045	ND		0.0019	0.00036	ND		0.0026	0.0005
p-Isopropyltoluene							ND		0.001	0.00011	0.00018	J	0.0011	0.00012	ND		0.00089	0.0001	ND		0.0011	0.00012	ND		0.0012	0.00013	ND		0.00095	0.0001	ND		0.0013	0.00014
p/m-Xylene							ND		0.0021	0.00058	ND		0.0022	0.00062	ND		0.0018	0.0005	ND		0.0022	0.00061	ND		0.0023	0.00066	ND		0.0019	0.00053	ND		0.0026	0.00072
sec-Butylbenzene	11	100	100	500	1000	11	ND		0.001	0.00015	0.00023	J	0.0011	0.00016	ND		0.00089	0.00013	ND		0.0011	0.00016	ND		0.0012	0.00017	ND		0.00095	0.00014	ND		0.0013	0.00019
Styrene							ND		0.001	0.0002	ND		0.0011	0.00022	ND		0.00089	0.00017	ND		0.0011	0.00021	ND		0.0012	0.00023	ND		0.00095	0.00018	ND		0.0013	0.00025
tert-Butylbenzene	5.9	100	100	500	1000	5.9	ND		0.0021	0.00012	ND		0.0022	0.00013	ND		0.0018	0.0001	ND		0.0022	0.00013	ND		0.0023	0.00014	ND		0.0019	0.00011	ND		0.0026	0.00015
Tetrachloroethene	1.3	5.5	19	150	300	1.3	ND		0.00052	0.0002	ND		0.00055	0.00022	ND		0.00044	0.00017	ND		0.00055	0.00021	ND		0.00059	0.00023	ND		0.00047	0.00018	ND		0.00064	0.00025
Toluene	0.7	100	100	500	1000	0.7	ND		0.001	0.00056	ND		0.0011	0.0006	ND		0.00089	0.00048	ND		0.0011	0.00059	ND		0.0012	0.00064	ND		0.00095	0.00051	ND		0.0013	0.0007
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.19	ND		0.0016	0.00014	ND		0.0017	0.00015	ND		0.0013	0.00012	ND		0.0016	0.00015	ND		0.0018	0.00016	ND		0.0014	0.00013	ND		0.0019	0.00018
trans-1,3-Dichloropropene							ND		0.001	0.00028	ND		0.0011	0.0003	ND		0.00089	0.00024	ND		0.0011	0.0003	ND		0.0012	0.00032	ND		0.00095	0.00026	ND		0.0013	0.00035
trans-1,4-Dichloro-2-butene							ND		0.0052	0.0015	ND		0.0055	0.0016	ND		0.0044	0.0013	ND		0.0055	0.0016	ND		0.0059	0.0017	ND		0.0047	0.0013	ND		0.0064	0.0018
Trichloroethene	0.47	10	21	200	400	0.47	ND		0.00052	0.00014	ND		0.00055	0.00015	ND		0.00044	0.00012	ND		0.00055	0.00015	ND		0.00059	0.00016	ND		0.00047	0.00013	ND		0.00064	0.00018
Trichlorofluoromethane							ND		0.0041	0.00072	ND		0.0044	0.00077	ND		0.0036	0.00062	ND		0.0044	0.00076	ND		0.0047	0.00081	ND		0.0038	0.00066	ND		0.0052	0.0009
Vinyl acetate							ND		0.01	0.0022	ND		0.011	0.0024	ND		0.0089	0.0019	ND		0.011	0.0023	ND		0.012	0.0025	ND		0.0095	0.002	ND		0.013	0.0028
Vinyl chloride	0.02	0.21	0.9	13	27	0.02	ND		0.001	0.00035	ND		0.0011	0.00037	ND		0.00089	0.0003	ND		0.0011	0.00037	ND		0.0012	0.00039	ND		0.00095	0.00032	ND		0.0013	0.00043
Xylenes, Total	0.26	100	100	500	1000	1.6	ND		0.001	0.0003	ND		0.0011	0.00032	ND		0.00089	0.00026	ND		0.0011	0.00032	ND		0.0012	0.00034	ND		0.00095	0.00028	ND		0.0013	0.00038
Total VOCs							-	-	-	-	0.17554	-	-	-	-	-	-	-	0.0054	-	-	-	-	-	-	-	-	-	-	-	0.0033	-	-	-
PFAS (ug/kg)																																		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)							ND		0.797	0.04	ND		0.798	0.04	ND		0.795	0.04	ND		0.799	0.04	ND		0.801	0.04	ND		0.796	0.04	ND		0.801	0.04
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)							ND		0.797	0.258	ND		0.798	0.258	ND		0.795	0.258	ND		0.799	0.259	ND		0.801	0.26	ND		0.796	0.258	ND		0.801	0.259
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)							ND		0.797	0.077	ND		0.798	0.077	ND		0.795	0.077	ND		0.799	0.078	ND		0.801	0.078	ND		0.796	0.077	ND		0.801	0.078
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)							ND		0.797	0.148	ND		0.798	0.148	ND		0.795	0.147	ND		0.799	0.148	ND		0.801	0.148	ND		0.796	0.147	ND		0.801	0.148
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)							ND		4.98	0.235	ND		4.98	0.235	ND		4.97	0.234	ND		4.99	0.236	ND		5.01	0.236	ND		4.97	0.235	ND		5	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)							ND		4.98	0.364	ND		4.98	0.364	ND		4.97	0.363	ND		4.99	0.365	ND		5.01	0.366	ND		4.97	0.364	ND		5	0.366
3-Perfluoropropyl Propanoic Acid (3:3FTCA)							ND		0.997	0.092	ND		0.997	0.092	ND		0.994	0.091	ND		0.998	0.092	ND		1	0.092	ND		0.995	0.092	ND		1	0.092
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)							ND		0.797	0.03	ND		0.798	0.03	ND		0.795	0.029	ND		0.799	0.03	ND		0.801	0.03	ND		0.796	0.029	ND		0.801	0.03
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)							ND		0.797	0.03	ND		0.798	0.03	ND		0.795	0.029	ND		0.799	0.03	ND		0.801	0.03	ND		0.796	0.029	ND		0.801	0.03

Table 2.2
Summary of Soil Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:							SB-1 (0.5-1)				SB-2 (9.5-10)				SB-3 (3-3.5)				SB-4 (1-1.5)				SB-5 (8-8.5)				SB-6 (5-5.5)				SB-7 (4.5-5)			
LAB ID:							L2506138-05				L2506138-02				L2506138-06				L2506138-07				L2506138-04				L2506138-09				L2506138-03			
COLLECTION DATE:							2/4/2025				2/4/2025				2/4/2025				2/4/2025				2/4/2025				2/4/2025				2/4/2025			
SAMPLE DEPTH (FBGS):							0.5-1.0				9.5-10.0				3.0-3.5				1.0-1.5				9.0-8.5				5.0-5.5				4.5-5.0			
SAMPLE MATRIX:							SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	USCO	RSCO	RRSCO	CSCO	ISCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)							ND		0.797	0.038	ND		0.798	0.038	ND		0.795	0.038	ND		0.799	0.038	ND		0.801	0.038	ND		0.796	0.038	ND		0.801	0.038
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)							ND		0.199	0.022	ND		0.199	0.022	ND		0.199	0.022	ND		0.2	0.022	ND		0.2	0.022	ND		0.199	0.022	ND		0.2	0.022
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)							ND		1.99	0.081	ND		1.99	0.081	ND		1.99	0.081	ND		2	0.082	ND		2	0.082	ND		1.99	0.081	ND		2	0.082
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)							ND		0.199	0.044	ND		0.199	0.044	ND		0.199	0.044	ND		0.2	0.044	ND		0.2	0.044	ND		0.199	0.044	ND		0.2	0.044
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)							ND		0.199	0.026	ND		0.199	0.026	ND		0.199	0.026	ND		0.2	0.026	ND		0.2	0.026	ND		0.199	0.026	ND		0.2	0.026
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)							ND		1.99	0.121	ND		1.99	0.121	ND		1.99	0.121	ND		2	0.121	ND		2	0.122	ND		1.99	0.121	ND		2	0.122
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)							ND		0.199	0.085	ND		0.199	0.085	ND		1.99	0.85	ND		0.2	0.085	ND		2	0.857	ND		0.199	0.085	ND		0.2	0.086
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)							ND		0.399	0.082	ND		0.399	0.082	ND		0.397	0.082	ND		0.399	0.082	ND		0.4	0.083	ND		0.398	0.082	ND		0.4	0.083
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)							ND		0.399	0.046	ND		0.399	0.046	ND		0.397	0.046	ND		0.399	0.046	ND		0.4	0.047	ND		0.398	0.046	ND		0.4	0.046
Perfluoro-3-Methoxypropanoic Acid (PFMPA)							ND		0.399	0.017	ND		0.399	0.017	ND		0.397	0.017	ND		0.399	0.017	ND		0.4	0.017	ND		0.398	0.017	ND		0.4	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)							ND		0.399	0.024	ND		0.399	0.024	ND		0.397	0.024	ND		0.399	0.024	ND		0.4	0.024	ND		0.398	0.024	ND		0.4	0.024
Perfluorobutanesulfonic Acid (PFBS)							ND		0.199	0.02	ND		0.199	0.02	ND		0.199	0.02	ND		0.2	0.02	ND		0.2	0.02	ND		0.199	0.02	ND		0.2	0.02
Perfluorobutanoic Acid (PFBA)							ND		0.797	0.028	ND		0.798	0.028	ND		0.795	0.028	0.035	J	0.799	0.028	ND		0.801	0.028	0.166	J	0.796	0.028	ND		0.801	0.028
Perfluorodecanesulfonic Acid (PFDS)							ND		0.199	0.014	ND		0.199	0.014	ND		0.199	0.014	ND		0.2	0.014	ND		0.2	0.014	ND		0.199	0.014	ND		0.2	0.014
Perfluorodecanoic Acid (PFDA)							ND		0.199	0.035	ND		0.199	0.035	ND		0.199	0.035	ND		0.2	0.035	ND		0.2	0.035	ND		0.199	0.035	0.035	JF	0.2	0.035
Perfluorododecanesulfonic Acid (PFDoS)							ND		0.199	0.022	ND		0.199	0.022	ND		0.199	0.022	ND		0.2	0.022	ND		0.2	0.022	ND		0.199	0.022	ND		0.2	0.022
Perfluorododecanoic Acid (PFDoA)							ND		0.199	0.021	ND		0.199	0.021	ND		0.199	0.021	0.024	J	0.2	0.021	ND		0.2	0.021	ND		0.199	0.021	ND		0.2	0.021
Perfluoroheptanesulfonic Acid (PFHpS)							ND		0.199	0.045	ND		0.199	0.045	ND		0.199	0.045	ND		0.2	0.045	ND		0.2	0.045	ND		0.199	0.045	ND		0.2	0.045
Perfluoroheptanoic Acid (PFHpA)							ND		0.199	0.012	ND		0.199	0.012	0.031	J	0.199	0.012	0.017	JF	0.2	0.012	0.022	J	0.2	0.012	0.091	J	0.199	0.012	0.018	J	0.2	0.012
Perfluorohexanesulfonic Acid (PFHxS)							ND		0.199	0.02	ND		0.199	0.02	ND		0.199	0.02	ND		0.2	0.02	ND		0.2	0.02	ND		0.199	0.02	ND		0.2	0.02
Perfluorohexanoic Acid (PFHxA)							0.02	J	0.199	0.015	0.024	J	0.199	0.015	0.037	JF	0.199	0.015	0.038	J	0.2	0.015	0.054	J	0.2	0.015	0.044	J	0.199	0.015	0.03	JF	0.2	0.015
Perfluorononanesulfonic Acid (PFNS)							ND		0.199	0.03	ND		0.199	0.03	ND		0.199	0.029	ND		0.2	0.03	ND		0.2	0.03	ND		0.199	0.029	ND		0.2	0.03
Perfluorononanoic Acid (PFNA)							0.018	J	0.199	0.013	0.038	JF	0.199	0.013	0.032	J	0.199	0.013	0.07	J	0.2	0.013	0.03	JF	0.2	0.013	ND		0.199	0.013	0.032	J	0.2	0.013
Perfluorooctanesulfonamide (PFOSA)							ND		0.199	0.01	ND		0.199	0.01	ND		0.199	0.01	ND		0.2	0.01	ND		0.2	0.01	ND		0.199	0.01	ND		0.2	0.01
Perfluorooctanesulfonic Acid (PFOS)	0.88	8.8	44	440	440		0.304		0.199	0.031	0.421		0.199	0.031	0.619		0.199	0.031	0.74		0.2	0.031	0.485		0.2	0.031	0.147	J	0.199	0.031	0.493		0.2	0.031
Perfluorooctanoic Acid (PFOA)	0.66	6.6	33	500	600		0.109	J	0.199	0.026	0.128	J	0.199	0.026	0.277		0.199	0.026	0.302		0.2	0.026	0.28		0.2	0.026	**0.732**		0.199	0.026	0.146	J	0.2	0.026
Perfluoropentanesulfonic Acid (PFPeS)							ND		0.199	0.026	ND		0.199	0.026	ND		0.199	0.026	ND		0.2	0.026	ND		0.2	0.026	ND		0.199	0.026	ND		0.2	0.026
Perfluoropentanoic Acid (PFPeA)							0.042	J	0.399	0.038	ND		0.399	0.038	0.061	J	0.397	0.038	0.054	J	0.399	0.038	0.052	J	0.4	0.038	ND		0.398	0.038	0.048	J	0.4	0.038
Perfluorotetradecanoic Acid (PFTeDA)							ND		0.199	0.024	ND		0.199	0.024	ND		0.199	0.024	ND		0.2	0.024	ND		0.2	0.024	ND		0.199	0.024	ND		0.2	0.024
Perfluorotridecanoic Acid (PFTrDA)							ND		0.199	0.016	ND		0.199	0.016	ND		0.199	0.016	ND		0.2	0.016	ND		0.2	0.016	ND		0.199	0.016	ND		0.2	0.016
Perfluoroundecanoic Acid (PFUnA)							ND		0.199	0.013	ND		0.199	0.013	0.024	JF	0.199	0.013	0.021	J	0.2	0.013	ND		0.2	0.013	ND		0.199	0.013	0.019	J	0.2	0.013
PFOA/PFOS, Total							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs (mg/kg)																																		
1,2,4,5-Tetrachlorobenzene							ND		0.18	0.019	ND		0.18	0.019	ND		0.18	0.019	ND		0.19	0.02	ND		0.18	0.019	ND		0.19	0.02	ND		0.18	0.018
1,2,4-Trichlorobenzene							ND		0.18	0.021	ND		0.18	0.02	ND		0.18	0.02	ND		0.19	0.022	ND		0.18	0.02	ND		0.19	0.022	ND		0.18	0.02
1,2-Dichlorobenzene	1.1	100	100	500	1000	1.1	ND		0.18	0.033	ND		0.18	0.032	ND		0.18	0.032	ND		0.19	0.034	ND		0.18	0.032	ND		0.19	0.034	ND		0.18	0.032
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	ND		0.18	0.031	ND		0.18	0.031	ND		0.18	0.031	ND		0.19	0.032	ND		0.18	0.031	ND		0.19	0.033	ND		0.18	0.031
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	ND		0.18	0.032	ND		0.18	0.031	ND		0.18	0.031	ND		0.19	0.033	ND		0.18	0.031	ND		0.19	0.033	ND		0.18	0.031
1,4-Dioxane	0.1	9.8	13	130	250	0.1	ND		0.027	0.0084	ND		0.027	0.0082	ND		0.027	0.0083	ND		0.028	0.0087	ND		0.027	0.0083	ND		0.028	0.0087	ND		0.027	0.0082
2,4,5-Trichlorophenol							ND		0.18	0.035	ND		0.18	0.034	ND		0.18	0.034	ND		0.19	0.036	ND		0.18	0.034	ND		0.19	0.036	ND		0.18	0.034
2,4,6-Trichlorophenol							ND		0.11	0.034	ND		0.11	0.034	ND		0.11	0.034	ND		0.11	0.036	ND		0.11	0.034	ND		0.11	0.036	ND		0.11	0.034
2,4-Dichlorophenol							ND		0.16	0.029	ND		0.16	0.029	ND		0.16	0.029	ND		0.17	0.03	ND		0.16	0.029	ND		0.17	0.03	ND		0.16	0.029
2,4-Dimethylphenol							ND		0.18	0.06	ND		0.18	0.059	ND		0.18	0.059	ND		0.19	0.062	ND		0.18	0.059	ND		0.19	0.063	ND		0.18	0.059
2,4-Dinitrophenol							ND		0.88	0.085	ND		0.86	0.084	ND		0.86	0.084	ND		0.9	0.088	ND		0.86	0.084	ND		0.91	0.088	ND		0.86	0.083
2,4-Dinitrotoluene							ND		0.18	0.036	ND		0.18	0.036	ND		0.18	0.036	ND		0.19	0.038	ND		0.18	0.036	ND		0.19	0.038	ND		0.18	0.036
2,6-Dinitrotoluene							ND		0.18	0.031	ND		0.18	0.031	ND		0.18	0.031	ND		0.19	0.032	ND		0.18	0.031	ND		0.19	0.032	ND		0.18	0.03
2-Chloronaphthalene							ND		0.18	0.018	ND		0.18	0.018	ND		0.18	0.018	ND		0.19	0.019	ND		0.18	0.018	ND		0.19	0.019	ND		0.18	0.018
2-Chlorophenol							ND		0.18	0.022	ND		0.18	0.021	ND		0.18	0.021	ND		0.19	0.022	ND		0.18	0.021	ND		0.19	0.022	ND		0.18	0.021
2-Methylnaphthalene							ND		0.22	0.022	0.95		0.22	0.022	0.38		0.22	0.022	0.14	J	0.23	0.023	0.023	J	0.22	0.022	0.38		0.23	0.023	0.45		0.21	0.022
2-Methylphenol	0.33	100	100	500	1000	0.33	ND		0.18	0.028	ND		0.18	0.028	0.048	J	0.18	0.028	ND		0.19	0.029	ND		0.18	0.028	ND		0.19	0.029	ND		0.18	0.028
2-Nitroaniline							ND		0.18	0.035	ND		0.18	0.034	ND		0.18	0.035	ND		0.19	0.036	ND		0.18	0.035	ND		0.19	0.036	ND		0.18	0.034
2-Nitrophenol							ND		0.39	0.069	ND		0.39	0.067	ND		0.39	0.068	ND		0.41	0.071	ND		0.39	0.068	ND		0.41	0.071	ND		0.38	0.067
3,3'-Dichlorobenzidine							ND		0.18	0.048	ND		0.18	0.048	ND		0.18	0.048	ND		0.19	0.05	ND		0.18	0.048	ND		0.19	0.05	ND		0.18	0.047
3-Methylphenol/4-Methylphenol	0.33	34	100	500	1000	0.33	ND		0.26	0.028	0.1	J	0.26	0.028	0.23	J	0.26	0.028	ND		0.27	0.03	ND		0.26	0.028	0.072	J	0.27	0.03	ND		0.26	0.028
3-Nitroaniline							ND		0.18	0.034	ND		0.18	0.034	ND		0.18	0.034	ND		0.19	0.036	ND		0.18	0.034	ND		0.19	0.036	ND		0.18	0.034
4,6-Dinitro-o-cresol							ND		0.47	0.088	ND		0.46	0.086	ND		0.47	0.086	ND		0.49	0.09	ND		0.46	0.086	ND		0.49	0.091	ND		0.46	0.086
4-Bromophenyl phenyl ether							ND		0.18	0.028	ND		0.18	0.027	ND		0.18	0.027	ND		0.19	0.029	ND		0.18	0.027	ND		0.19	0.029	ND		0.18	0.027
4-Chloroaniline							ND		0.18	0.033	ND		0.18	0.033	ND		0.18	0.033	ND		0.19	0.034	ND		0.18	0.033	ND		0.19	0.034	ND		0.18	0.032
4-Chlorophenyl phenyl ether							ND		0.18	0.02	ND		0.18	0.019	ND		0.18	0.019	ND		0.19	0.02	ND		0.18	0.019	ND		0.19	0.02	ND		0.18	0.019
4-Nitroaniline							ND		0.18	0.076	ND		0.18	0.074	ND		0.18	0.074	ND		0.19	0.078	ND		0.18	0.074	ND		0.19	0.078	ND		0.18	0.074
4-Nitrophenol							ND		0.26	0.074	ND		0.25	0.073	ND		0.25	0.073	ND		0.26	0.077	ND		0.25	0.073	ND		0.26	0.077	ND		0.25	0.073
Acenaphthene	20	100	100	500	1000	98	ND		0.14	0.019	1.1		0.14	0.018	0.23		0.14	0.019	0.028	J	0.15	0.02	ND		0.14	0.019	0.77		0.15	0.02	0.14		0.14	0.018
Acenaphthylene	100	100	100	500	1000	107	0.028	J	0.14	0.028	0.14		0.14	0.028	5.5		0.14	0.028	0.074	J	0.15	0.029	ND		0.14	0.028	0.23		0.15	0.029	0.32		0.14	0.028
Acetophenone							ND		0.18	0.022	0.028	J	0.18	0.022	0.024	J	0.18	0.022	ND		0.19	0.023	ND		0.18	0.022	ND		0.19	0.023	0.078	J	0.18	0.022
Anthracene	100	100	100	500	1000	1000	ND		0.11	0.036	0.72		0.11	0.035	2.5		0.11	0.035	0.1	J	0.11	0.037	ND		0.11	0.035	2.1		0.11	0.037	0.53		0.11	0.035
Benzo(a)anthracene	1	1	1	5.6	11	1	0.087	J	0.11	0.02	0.86		0.11	0.02	**6.9**		1.1	0.2	0.53		0.11	0.021	0.047	J	0.11	0.02	**4.6**		0.11	0.021	**1.6**		0.11	0.02
Benzo(a)pyrene	1	1	1	1	1.1	22	0.089	J	0.14	0.044	0.6		0.14	0.044	**7**		1.4	0.44	0.56		0.15	0.046	ND		0.14	0.044	**3.8**		0.15	0.046	**1.5**		0.14	0.043
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	0.11		0.11	0.031	0.75		0.11	0.03	**11**		1.1	0.3	0.72		0.11	0.032	0.061	J	0.11	0.03	**4.3**		0.11	0.032	**1.9**		0.11	0.03
Benzo(ghi)perylene	100	100	100	500	1000	1000	0.062	J	0.14	0.021	0.29		0.14	0.021	6.3		0.14	0.021	0.38		0.15	0.022	0.037	J	0.14	0.021	2		0.15	0.022	1		0.14	0.021
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.041	J	0.11	0.029	0.26		0.11	0.029	**3.3**		0.11	0.029	0.24		0.11	0.03	ND		0.11	0.029	**1.9**		0.11	0.03	0.55		0.11	0.028
Benzoic Acid							ND		0.59	0.18	ND		0.58	0.18	ND		0.58	0.18	ND		0.61	0.19	ND		0.58	0.18	ND		0.61	0.19	ND		0.58	0.18
Benzyl Alcohol							ND		0.18	0.056	ND		0.18	0.055	ND		0.18	0.055	ND		0.19	0.058	ND		0.18	0.055	ND		0.19	0.058	ND		0.18	0.054
Biphenyl							ND		0.42	0.024	0.045	J	0.41	0.023	0.12	J	0.41	0.023	0.044	J	0.43	0.024	ND		0.41	0.023	0.098	J	0.43	0.025	0.056	J	0.41	0.023
Bis(2-chloroethoxy)methane							ND		0.2	0.018	ND		0.19	0.018	ND		0.19	0.018	ND		0.2	0.019	ND		0.19	0.018	ND		0.2	0.019	ND		0.19	0.018
Bis(2-chloroethyl)ether							ND		0.16	0.025	ND		0.16	0.024	ND		0.16	0.024	ND		0.17	0.026	ND		0.16	0.024	ND		0.17	0.026	ND		0.16	0.024
Bis(2-chloroisopropyl)ether							ND		0.22	0.031	ND		0.22	0.031	ND		0.22	0.031	ND		0.23	0.032	ND		0.22	0.031	ND		0.23	0.032	ND		0.21	0.03
Bis(2-ethylhexyl)phthalate							ND		0.18	0.063	0.22		0.18	0.062	0.55		0.18	0.062	ND		0.19	0.065	ND		0.18	0.062	ND		0.19	0.066	0.27		0.18	0.062
Butyl benzyl phthalate							ND		0.18	0.046	0.045	J	0.18	0.045	0.17	J	0.18	0.045	ND		0.19	0.048	ND		0.18	0.045	ND		0.19	0.048	0.045	J	0.18	0.045
Carbazole							ND		0.18	0.018	0.076	J	0.18	0.017	1.3		0.18	0.017	0.05	J	0.19	0.018	ND		0.18	0.017	0.95		0.19	0.018	0.19		0.18	0.017
Chrysene	1	1	3.9	56	110	1	0.088	J	0.11	0.019	0.77		0.11	0.019	**9.4**		1.1	0.19	0.56		0.11	0.02	0.12		0.11	0.019	**4.2**		0.11	0.02	**1.7**		0.11	0.018
Di-n-butylphthalate							ND		0.18	0.034	ND		0.18	0.034	ND		0.18	0.034	ND		0.19	0.036	ND		0.18	0.034	ND		0.19	0.036	0.16	J	0.18	0.034
Di-n-octylphthalate							ND		0.18	0.062	ND		0.18	0.061	ND		0.18	0.061	ND		0.19	0.064	ND		0.18	0.061	ND		0.19	0.064	ND		0.18	0.06
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1000	ND		0.11	0.021	0.083	J	0.11	0.021	**1.8**		0.11	0.021	0.091	J	0.11	0.022	ND		0.11	0.021	**0.57**		0.11	0.022	0.22		0.11	0.02
Dibenzofuran	7	14	59	350	1000	210	ND		0.18	0.017	0.88		0.18	0.017	1.6		0.18	0.017	0.026	J	0.19	0.018	ND		0.18	0.017	0.64		0.19	0.018	0.17	J	0.18	0.017
Diethyl phthalate							ND		0.18	0.017	ND		0.18	0.016	ND		0.18	0.017	ND		0.19	0.017	ND		0.18	0.017	ND		0.19	0.018	ND		0.18	0.016
Dimethyl phthalate							ND		0.18	0.038	ND		0.18	0.038	ND		0.18	0.038	ND		0.19	0.04	ND		0.18	0.038	ND		0.19	0.04	ND		0.18	0.037
Fluoranthene	100	100	100	500	1000	1000	0.15		0.11	0.021	1.9		0.11	0.02	22		1.1	0.21	0.91		0.11	0.022	0.058	J	0.11	0.021	10		1.1	0.22	2.8		0.11	0.02
Fluorene	30	100	100	500	1000	386	ND		0.18	0.018	1.1		0.18	0.017	3		0.18	0.017	0.032	J	0.19	0.018	ND		0.18	0.017	1.1		0.19	0.018	0.15	J	0.18	0.017
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	ND		0.11	0.02	ND		0.11	0.02	ND		0.11	0.02	ND		0.11	0.021	ND		0.11	0.02	ND		0.11	0.021	ND		0.11	0.02
Hexachlorobutadiene							ND		0.18	0.027	ND		0.18	0.026	ND		0.18	0.026	ND		0.19	0.028	ND		0.18	0.026	ND		0.19	0.028	ND		0.18	0.026
Hexachlorocyclopentadiene							ND		0.52	0.16	ND		0.51	0.16	ND		0.51	0.16	ND		0.54	0.17	ND		0.51	0.16	ND		0.54	0.17	ND		0.51	0.16
Hexachloroethane							ND		0.14	0.03	ND		0.14	0.029	ND		0.14	0.029	ND		0.15	0.03	ND		0.14	0.029	ND		0.15	0.031	ND		0.14	0.029
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	0.053	J	0.14	0.025	0.29		0.14	0.025	**4.9**		1.4	0.25	0.35		0.15	0.026	ND		0.14	0.025	**2.1**		0.15	0.026	**0.95**		0.14	0.025
Isophorone							ND		0.16	0.024	ND		0.16	0.023	ND		0.16	0.023	ND		0.17	0.024	ND		0.16	0.023	ND		0.17	0.025	ND		0.16	0.023

Table 2.2
Summary of Soil Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:							SB-1 (0.5-1)				SB-2 (9.5-10)				SB-3 (3-3.5)				SB-4 (1-1.5)				SB-5 (8-8.5)				SB-6 (5-5.5)				SB-7 (4.5-5)			
LAB ID:							L2506138-05				L2506138-02				L2506138-06				L2506138-07				L2506138-04				L2506138-09				L2506138-03			
COLLECTION DATE:							2/4/2025				2/4/2025				2/4/2025				2/4/2025				2/4/2025				2/4/2025				2/4/2025			
SAMPLE DEPTH (FBGS):							0.5-1.0				9.5-10.0				3.0-3.5				1.0-1.5				9.0-8.5				5.0-5.5				4.5-5.0			
SAMPLE MATRIX:							SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	USCO	RSCO	RRSCO	CSCO	ISCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
n-Nitrosodi-n-propylamine							ND		0.18	0.028	ND		0.18	0.028	ND		0.18	0.028	ND		0.19	0.029	ND		0.18	0.028	ND		0.19	0.029	ND		0.18	0.028
Naphthalene	12	100	100	500	1000	12	ND		0.18	0.022	2.2		0.18	0.022	0.47		0.18	0.022	0.066	J	0.19	0.023	ND		0.18	0.022	0.79		0.19	0.023	0.39		0.18	0.022
NDPA/DPA							ND		0.14	0.021	ND		0.14	0.02	ND		0.14	0.02	ND		0.15	0.021	ND		0.14	0.02	ND		0.15	0.022	ND		0.14	0.02
Nitrobenzene							ND		0.16	0.027	ND		0.16	0.026	ND		0.16	0.027	ND		0.17	0.028	ND		0.16	0.027	ND		0.17	0.028	ND		0.16	0.026
p-Chloro-m-cresol							ND		0.18	0.027	ND		0.18	0.027	ND		0.18	0.027	ND		0.19	0.028	ND		0.18	0.027	ND		0.19	0.028	ND		0.18	0.026
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	ND		0.14	0.04	ND		0.14	0.039	ND		0.14	0.04	ND		0.15	0.041	ND		0.14	0.04	ND		0.15	0.042	ND		0.14	0.039
Phenanthrene	100	100	100	500	1000	1000	0.077	J	0.11	0.022	2.3		0.11	0.022	17		1.1	0.22	0.49		0.11	0.023	0.097	J	0.11	0.022	7.4		0.11	0.023	2.2		0.11	0.022
Phenol	0.33	100	100	500	1000	0.33	ND		0.18	0.028	ND		0.18	0.027	0.11	J	0.18	0.027	ND		0.19	0.028	ND		0.18	0.027	0.039	J	0.19	0.029	ND		0.18	0.027
Pyrene	100	100	100	500	1000	1000	0.13		0.11	0.018	1.4		0.11	0.018	16		1.1	0.18	0.84		0.11	0.019	0.071	J	0.11	0.018	6.8		0.11	0.019	2.7		0.11	0.018
Total SVOCs							0.915	-	-	-	17.107	-	-	-	141.832	-	-	-	6.231	-	-	-	0.514	-	-	-	52.539	-	-	-	20.069	-	-	-
Pesticides (mg/kg)																																		
4,4'-DDD	0.0033	2.6	13	92	180	14	ND		0.00174	0.000621	**0.0116**	P	0.00165	0.000589	**0.0152**		0.00169	0.000603	ND		0.00179	0.00064	ND		0.00171	0.00061	ND		0.00182	0.000648	0.000652	J	0.00164	0.000586
4,4'-DDE	0.0033	1.8	8.9	62	120	17	0.000521	J	0.00174	0.000403	**0.00453**	P	0.00165	0.000382	**0.00428**		0.00169	0.000391	0.00269		0.00179	0.000415	ND		0.00171	0.000395	ND		0.00182	0.00042	**0.00402**		0.00164	0.00038
4,4'-DDT	0.0033	1.7	7.9	47	94	136	ND		0.00174	0.0014	ND		0.00165	0.00133	0.00318		0.00169	0.00136	0.00233		0.00179	0.00144	ND		0.00171	0.00138	0.0016	J	0.00182	0.00146	**0.00621**		0.00164	0.00132
Aldrin	0.005	0.019	0.097	0.68	1.4	0.19	ND		0.00174	0.000613	ND		0.00165	0.000581	ND		0.00169	0.000595	ND		0.00179	0.000631	ND		0.00171	0.000602	ND		0.00182	0.00064	ND		0.00164	0.000578
Alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.02	ND		0.000726	0.000206	ND		0.000688	0.000195	ND		0.000704	0.0002	ND		0.000747	0.000212	ND		0.000712	0.000202	ND		0.000757	0.000215	ND		0.000684	0.000194
Beta-BHC	0.036	0.072	0.36	3	14	0.09	ND		0.00174	0.00066	ND		0.00165	0.000626	ND		0.00169	0.000641	ND		0.00179	0.00068	ND		0.00171	0.000648	ND		0.00182	0.000689	ND		0.00164	0.000623
Chlordane							ND		0.0145	0.00577	ND		0.0138	0.00547	ND		0.0141	0.0056	ND		0.0149	0.00594	ND		0.0142	0.00566	ND		0.0151	0.00602	ND		0.0137	0.00544
cis-Chlordane	0.094	0.91	4.2	24	47	2.9	ND		0.00218	0.000607	0.00528	P	0.00206	0.000575	0.00374	IP	0.00211	0.000589	0.00119	J	0.00224	0.000625	ND		0.00214	0.000596	ND		0.00227	0.000633	0.00194	JIP	0.00205	0.000572
Delta-BHC	0.04	100	100	500	1000	0.25	ND		0.00174	0.000341	ND		0.00165	0.000323	ND		0.00169	0.000331	ND		0.00179	0.000351	ND		0.00171	0.000335	ND		0.00182	0.000356	ND		0.00164	0.000322
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.1	0.00153		0.00109	0.000544	ND		0.00103	0.000516	**0.00514**		0.00106	0.000528	ND		0.00112	0.00056	ND		0.00107	0.000534	ND		0.00114	0.000568	ND		0.00103	0.000513
Endosulfan I	2.4	4.8	24	200	920	102	ND		0.00174	0.000411	ND		0.00165	0.00039	ND		0.00169	0.000399	ND		0.00179	0.000424	ND		0.00171	0.000404	ND		0.00182	0.000429	ND		0.00164	0.000388
Endosulfan II	2.4	4.8	24	200	920	102	ND		0.00174	0.000582	ND		0.00165	0.000552	ND		0.00169	0.000565	ND		0.00179	0.000599	ND		0.00171	0.000571	ND		0.00182	0.000607	ND		0.00164	0.000549
Endosulfan sulfate	2.4	4.8	24	200	920	1,000	ND		0.000726	0.000345	ND		0.000688	0.000328	0.000831	IP	0.000704	0.000335	ND		0.000747	0.000356	ND		0.000712	0.000339	ND		0.000757	0.00036	ND		0.000684	0.000326
Endrin	0.014	2.2	11	89	410	0.06	ND		0.000726	0.000297	ND		0.000688	0.000282	ND		0.000704	0.000289	ND		0.000747	0.000306	ND		0.000712	0.000292	ND		0.000757	0.00031	ND		0.000684	0.000281
Endrin aldehyde							ND		0.00218	0.000762	ND		0.00206	0.000722	ND		0.00211	0.000739	ND		0.00224	0.000785	ND		0.00214	0.000748	ND		0.00227	0.000795	ND		0.00205	0.000719
Endrin ketone							ND		0.00174	0.000448	ND		0.00165	0.000425	ND		0.00169	0.000435	ND		0.00179	0.000462	ND		0.00171	0.00044	ND		0.00182	0.000468	ND		0.00164	0.000423
Heptachlor	0.042	0.42	2.1	15	29	0.38	ND		0.000871	0.00039	ND		0.000826	0.00037	ND		0.000845	0.000379	ND		0.000897	0.000402	ND		0.000855	0.000383	ND		0.000908	0.000407	ND		0.000821	0.000368
Heptachlor epoxide							ND		0.00326	0.00098	ND		0.0031	0.000929	ND		0.00317	0.000951	ND		0.00336	0.00101	ND		0.00321	0.000962	ND		0.00341	0.00102	ND		0.00308	0.000924
Lindane	0.1	0.28	1.3	9.2	23	0.1	ND		0.000726	0.000324	ND		0.000688	0.000308	ND		0.000704	0.000315	ND		0.000747	0.000334	ND		0.000712	0.000318	ND		0.000757	0.000338	ND		0.000684	0.000306
Methoxychlor							ND		0.00326	0.00102	ND		0.0031	0.000963	ND		0.00317	0.000986	ND		0.00336	0.00105	ND		0.00321	0.000997	ND		0.00341	0.00106	ND		0.00308	0.000958
Toxaphene							ND		0.0326	0.00914	ND		0.031	0.00867	ND		0.0317	0.00887	ND		0.0336	0.00942	ND		0.0321	0.00898	ND		0.0341	0.00954	ND		0.0308	0.00862
trans-Chlordane							0.000966	JIP	0.00218	0.000575	ND		0.00206	0.000545	0.0105		0.00211	0.000558	0.00134	JIP	0.00224	0.000592	ND		0.00214	0.000564	0.00171	J	0.00227	0.0006	0.00268	IP	0.00205	0.000542
PCBs (mg/kg)																																		
Aroclor 1016	0.1	1	1	1	25	3.2	ND		0.0508	0.00451	ND		0.0508	0.00451	ND		0.0531	0.00471	ND		0.0546	0.00485	ND		0.0518	0.0046	ND		0.0552	0.0049	ND		0.0511	0.00454
Aroclor 1221	0.1	1	1	1	25	3.2	ND		0.0508	0.00509	ND		0.0508	0.00509	ND		0.0531	0.00532	ND		0.0546	0.00547	ND		0.0518	0.00519	ND		0.0552	0.00553	ND		0.0511	0.00512
Aroclor 1232	0.1	1	1	1	25	3.2	ND		0.0508	0.0108	ND		0.0508	0.0108	ND		0.0531	0.0112	ND		0.0546	0.0116	ND		0.0518	0.011	ND		0.0552	0.0117	ND		0.0511	0.0108
Aroclor 1242	0.1	1	1	1	25	3.2	ND		0.0508	0.00685	ND		0.0508	0.00684	ND		0.0531	0.00715	ND		0.0546	0.00736	ND		0.0518	0.00699	ND		0.0552	0.00744	ND		0.0511	0.00689
Aroclor 1248	0.1	1	1	1	25	3.2	ND		0.0508	0.00762	ND		0.0508	0.00762	ND		0.0531	0.00796	ND		0.0546	0.00819	ND		0.0518	0.00778	ND		0.0552	0.00828	ND		0.0511	0.00767
Aroclor 1254	0.1	1	1	1	25	3.2	0.0124	J	0.0508	0.00556	0.0256	J	0.0508	0.00556	ND		0.0531	0.00581	0.0132	J	0.0546	0.00597	ND		0.0518	0.00567	0.0133	J	0.0552	0.00604	ND		0.0511	0.00559
Aroclor 1260	0.1	1	1	1	25	3.2	0.0213	J	0.0508	0.00939	0.016	J	0.0508	0.00938	0.0497	J	0.0531	0.00981	0.0117	J	0.0546	0.0101	ND		0.0518	0.00958	0.0106	J	0.0552	0.0102	0.0269	J	0.0511	0.00945
Aroclor 1262	0.1	1	1	1	25	3.2	ND		0.0508	0.00645	ND		0.0508	0.00645	ND		0.0531	0.00674	ND		0.0546	0.00693	ND		0.0518	0.00658	ND		0.0552	0.00701	ND		0.0511	0.00649
Aroclor 1268	0.1	1	1	1	25	3.2	ND		0.0508	0.00526	0.00622	J	0.0508	0.00526	0.0136	J	0.0531	0.0055	ND		0.0546	0.00565	ND		0.0518	0.00537	ND		0.0552	0.00572	0.00875	J	0.0511	0.0053
PCBs, Total	0.1	1	1	1	25	3.2	0.0337	J	0.0508	0.00451	0.0478	J	0.0508	0.00451	0.0633	J	0.0531	0.00471	0.0249	J	0.0546	0.00485	ND		0.0518	0.0046	0.0239	J	0.0552	0.0049	0.0357	J	0.0511	0.00454
Metals (mg/kg)																																		
Aluminum, Total							6760		8.62	2.8	4910		8.3	2.7	8080		8.4	2.73	12900		9.02	2.93	7430		8.68	2.82	8470		9.1	2.96	8430		8.3	2.7
Antimony, Total							ND		4.31	3.32	ND		4.15	3.2	ND		4.2	3.24	ND		4.51	3.47	ND		4.34	3.34	ND		4.55	3.5	ND		4.15	3.19
Arsenic, Total	13	16	16	16	16	16	2.78		0.862	0.372	2.36		0.83	0.358	3.4		0.84	0.363	3		0.902	0.39	2.67		0.868	0.375	2.48		0.91	0.393	3.88		0.83	0.358
Barium, Total	350	350	400	400	10000	820	87.9		0.862	0.091	81.8		0.83	0.088	166		0.84	0.089	105		0.902	0.096	71		0.868	0.092	273		0.91	0.097	88.7		0.83	0.088
Beryllium, Total	7.2	14	72	590	2700	47	0.19	J	0.431	0.047	0.145	J	0.415	0.046	0.2	J	0.42	0.046	0.933		0.451	0.05	0.426	J	0.434	0.048	0.279	J	0.455	0.05	0.199	J	0.415	0.046
Cadmium, Total	2.5	2.5	4.3	9.3	60	7.5	0.391	J	0.862	0.047	0.198	J	0.83	0.046	0.807	J	0.84	0.046	0.315	J	0.902	0.05	0.32	J	0.868	0.048	0.287	J	0.91	0.05	1.06		0.83	0.046
Calcium, Total							7910		8.62	4.89	12300		8.3	4.71	11400		8.4	4.76	6400		9.02	5.12	2320		8.68	4.92	7670		9.1	5.16	23000		8.3	4.7
Chromium, Total						19	21.5		0.862	0.731	15		0.83	0.704	26.4		0.84	0.712	40.6		0.902	0.765	26.6		0.868	0.736	23.7		0.91	0.772	26.9		0.83	0.704
Cobalt, Total							5.8		1.72	0.214	3.95		1.66	0.206	6.11		1.68	0.208	12.7		1.8	0.224	5.74		1.74	0.215	7.52		1.82	0.226	4.41		1.66	0.206
Copper, Total	50	270	270	270	10000	1,720	35.4		0.862	0.196	26.7		0.83	0.188	46.5		0.84	0.191	**104**		0.902	0.205	13.9		0.868	0.197	27.7		0.91	0.207	43.8		0.83	0.188
Iron, Total							13500		4.31	0.905	8550		4.15	0.871	15500		4.2	0.882	20700		4.51	0.948	11500		4.34	0.911	16500		4.55	0.956	14000		4.15	0.871
Lead, Total	63	400	400	1000	3900	450	**91.9**		4.31	0.205	**65.2**		4.15	0.198	**200**		4.2	0.2	**136**		4.51	0.215	25.9		4.34	0.206	**420**		4.55	0.217	**127**		4.15	0.197
Magnesium, Total							6070		8.62	1.4	3430		8.3	1.35	5890		8.4	1.37	6060		9.02	1.47	2330		8.68	1.41	5960		9.1	1.48	4780		8.3	1.35
Manganese, Total	1600	2000	2000	10000	10000	2,000	187		0.862	0.462	156		0.83	0.445	236		0.84	0.45	310		0.902	0.484	144		0.868	0.465	562		0.91	0.488	216		0.83	0.445
Mercury, Total	0.18	0.81	0.81	2.8	5.7	0.73	0.119		0.079	0.051	0.091		0.084	0.054	**0.219**		0.078	0.051	0.116		0.091	0.059	0.08	J	0.089	0.058	0.157		0.08	0.052	**0.186**		0.072	0.047
Nickel, Total	30	140	310	310	10000	130	16.8		2.16	0.697	11.3		2.07	0.671	19.6		2.1	0.679	**35.8**		2.26	0.729	16.1		2.17	0.701	18.6		2.28	0.736	11.8		2.07	0.67
Potassium, Total							1560		216	43.7	1210		207	42.1	2220		210	42.6	2240		226	45.8	588		217	44	2040		228	46.2	2860		207	42.1
Selenium, Total	3.9	36	180	1500	6800	4	ND		1.72	0.284	ND		1.66	0.273	ND		1.68	0.276	ND		1.8	0.297	ND		1.74	0.286	ND		1.82	0.299	ND		1.66	0.273
Silver, Total	2	36	180	1500	6800	8.3	ND		0.431	0.257	ND		0.415	0.247	ND		0.42	0.25	ND		0.451	0.269	ND		0.434	0.259	ND		0.455	0.271	ND		0.415	0.247
Sodium, Total							ND		172	91.4	135	J	166	88	291		168	89.1	116	J	180	95.7	ND		174	92	ND		182	96.5	421		166	88
Thallium, Total							ND		1.72	0.778	ND		1.66	0.749	0.818	J	1.68	0.758	1.02	J	1.8	0.814	ND		1.74	0.783	ND		1.82	0.821	1.11	J	1.66	0.748
Vanadium, Total							33.4		0.862	0.13	18.4		0.83	0.125	31.6		0.84	0.127	41.5		0.902	0.136	21.6		0.868	0.131	33.5		0.91	0.137	40.8		0.83	0.125
Zinc, Total	109	2200	10000	10000	10000	2,480	94.5		4.31	0.522	76.5		4.15	0.503	**221**		4.2	0.509	**667**		4.51	0.547	71.9		4.34	0.526	74.9		4.55	0.552	**186**		4.15	0.503
General Chemistry																																		
Cyanide, Total	27	27	27	27	10000	40	ND		1.1	0.23	ND		1	0.21	ND		1	0.22	ND		1.1	0.23	ND		1.1	0.23	ND		1.2	0.24	0.42	J	1	0.22
Solids, Total							89.9		0.1	NA	91		0.1	NA	90.5		0.1	NA	86.5		0.1	NA	89.8		0.1	NA	86.5		0.1	NA	92		0.1	NA

Notes

ug/kg: Micrograms per kilogram

mg/kg: Milligrams per kilogram

J: Estimated

Q - Sample Qualifier

ND - Analyte was not detected

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

Highlighted: Exceedance of corresponding SCO
NY-CSCO: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-ISCO: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-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.
NY-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.
NY-USCO: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-PGWSCO: New York NYCRR Part 375 Protection of Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 2.2
Summary of Soil Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:							SB-8 (6.5-7)				B-17 (3-3.5)				B-18 (4-4.5)				B-31 (3.5-4)				B-32 (1.5-2)			
LAB ID:							L2506138-08				L2433160-05				L2433160-06				L2433831-09				L2433831-10			
COLLECTION DATE:							2/4/2025				6/12/2024				6/12/2024				6/14/2024				6/14/2024			
SAMPLE DEPTH (FBGS):							6.5-7.0				3.0-3.5				4.0-4.5				3.5-4.0				1.5-2.0			
SAMPLE MATRIX:							SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	USCO	RSCO	RRSCO	CSCO	ISCO	PGWSCO	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOCs (mg/kg)																										
1,1,1,2-Tetrachloroethane							ND		0.00008	0.00002	ND		0.00056	0.00015	ND		0.00045	0.00012	ND		0.00046	0.00012	ND		0.00049	0.00013
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.68	ND		0.00008	0.00003	ND		0.00056	0.00019	ND		0.00045	0.00015	ND		0.00046	0.00016	ND		0.00049	0.00016
1,1,2,2-Tetrachloroethane							ND		0.00008	0.00003	ND		0.00056	0.00019	ND		0.00045	0.00015	ND		0.00046	0.00015	ND		0.00049	0.00016
1,1,2-Trichloroethane							ND		0.00015	0.00004	ND		0.0011	0.0003	ND		0.00091	0.00024	ND		0.00093	0.00025	ND		0.00098	0.00026
1,1-Dichloroethane	0.27	19	26	240	480	0.27	ND		0.00015	0.00002	ND		0.0011	0.00016	ND		0.00091	0.00013	ND		0.00093	0.00014	ND		0.00098	0.00014
1,1-Dichloroethene	0.33	100	100	500	1000	0.33	ND		0.00015	0.00004	ND		0.0011	0.00027	ND		0.00091	0.00022	ND		0.00093	0.00022	ND		0.00098	0.00023
1,1-Dichloropropene							ND		0.00008	0.00003	ND		0.00056	0.00018	ND		0.00045	0.00014	ND		0.00046	0.00015	ND		0.00049	0.00016
1,2,3-Trichlorobenzene							ND		0.00031	0.00005	ND		0.0023	0.00036	ND		0.0018	0.00029	ND		0.0019	0.0003	ND		0.002	0.00031
1,2,3-Trichloropropane							ND		0.00031	0.00002	ND		0.0023	0.00014	ND		0.0018	0.00012	ND		0.0019	0.00012	ND		0.002	0.00012
1,2,4,5-Tetramethylbenzene							ND		0.00031	0.00003	ND		0.0023	0.00022	ND		0.0018	0.00017	ND		0.0019	0.00018	ND		0.002	0.00019
1,2,4-Trichlorobenzene							ND		0.00031	0.00004	ND		0.0023	0.00031	ND		0.0018	0.00025	ND		0.0019	0.00025	ND		0.002	0.00027
1,2,4-Trimethylbenzene	3.6	47	52	190	380	3.6	0.00007	J	0.00031	0.00005	ND		0.0023	0.00038	ND		0.0018	0.0003	ND		0.0019	0.00031	ND		0.002	0.00033
1,2-Dibromo-3-chloropropane							ND		0.00046	0.00015	ND		0.0034	0.0011	ND		0.0027	0.0009	ND		0.0028	0.00093	ND		0.0029	0.00098
1,2-Dibromoethane							ND		0.00015	0.00004	ND		0.0011	0.00032	ND		0.00091	0.00025	ND		0.00093	0.00026	ND		0.00098	0.00027
1,2-Dichlorobenzene	1.1	100	100	500	1000	1.1	ND		0.00031	0.00002	ND		0.0023	0.00016	ND		0.0018	0.00013	ND		0.0019	0.00013	ND		0.002	0.00014
1,2-Dichloroethane	0.02	2.3	3.1	30	60	0.02	ND		0.00015	0.00004	ND		0.0011	0.00029	ND		0.00091	0.00023	ND		0.00093	0.00024	ND		0.00098	0.00025
1,2-Dichloroethene, Total							ND		0.00015	0.00002	ND		0.0011	0.00015	ND		0.00091	0.00012	ND		0.00093	0.00013	ND		0.00098	0.00013
1,2-Dichloropropane							ND		0.00015	0.00002	ND		0.0011	0.00014	ND		0.00091	0.00011	ND		0.00093	0.00012	ND		0.00098	0.00012
1,3,5-Trimethylbenzene	8.4	47	52	190	380	8.4	0.00003	J	0.00031	0.00003	ND		0.0023	0.00022	ND		0.0018	0.00017	ND		0.0019	0.00018	ND		0.002	0.00019
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	ND		0.00031	0.00002	ND		0.0023	0.00017	ND		0.0018	0.00013	ND		0.0019	0.00014	ND		0.002	0.00014
1,3-Dichloropropane							ND		0.00031	0.00003	ND		0.0023	0.00019	ND		0.0018	0.00015	ND		0.0019	0.00016	ND		0.002	0.00016
1,3-Dichloropropene, Total							ND		0.00008	0.00002	ND		0.00056	0.00018	ND		0.00045	0.00014	ND		0.00046	0.00015	ND		0.00049	0.00015
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	ND		0.00031	0.00003	ND		0.0023	0.00019	ND		0.0018	0.00016	0.00035	J	0.0019	0.00016	ND		0.002	0.00017
1,4-Dioxane	0.1	9.8	13	130	250	0.1	ND		0.012	0.0054	ND		0.09	0.04	ND		0.072	0.032	ND		0.074	0.033	ND		0.078	0.034
2,2-Dichloropropane							ND		0.00031	0.00003	ND		0.0023	0.00023	ND		0.0018	0.00018	ND		0.0019	0.00019	ND		0.002	0.0002
2-Butanone	0.12	100	100	500	1000	0.12	0.00057	J	0.0015	0.00034	0.026		0.011	0.0025	0.0069	J	0.0091	0.002	0.0046	J	0.0093	0.0021	0.0048	J	0.0098	0.0022
2-Hexanone							ND		0.0015	0.00018	ND		0.011	0.0013	ND		0.0091	0.0011	ND		0.0093	0.0011	ND		0.0098	0.0012
4-Methyl-2-pentanone							ND		0.0015	0.0002	ND		0.011	0.0014	ND		0.0091	0.0012	ND		0.0093	0.0012	ND		0.0098	0.0012
Acetone	0.05	100	100	500	1000	0.05	0.0016		0.0015	0.00074	0.18		0.011	0.0054	0.075		0.0091	0.0044	0.024		0.0093	0.0045	0.027		0.0098	0.0047
Acrylonitrile							ND		0.00062	0.00018	ND		0.0045	0.0013	ND		0.0036	0.001	ND		0.0037	0.0011	ND		0.0039	0.0011
Benzene	0.06	2.9	4.8	44	89	0.06	0.00016		0.00008	0.00003	0.00025	J	0.00056	0.00019	ND		0.00045	0.00015	ND		0.00046	0.00015	ND		0.00049	0.00016
Bromobenzene							ND		0.00031	0.00002	ND		0.0023	0.00016	ND		0.0018	0.00013	ND		0.0019	0.00014	ND		0.002	0.00014
Bromochloromethane							ND		0.00031	0.00003	ND		0.0023	0.00023	ND		0.0018	0.00018	ND		0.0019	0.00019	ND		0.002	0.0002
Bromodichloromethane							ND		0.00008	0.00002	ND		0.00056	0.00012	ND		0.00045	0.0001	ND		0.00046	0.0001	ND		0.00049	0.00011
Bromoform							ND		0.00062	0.00004	ND		0.0045	0.00028	ND		0.0036	0.00022	ND		0.0037	0.00023	ND		0.0039	0.00024
Bromomethane							ND		0.00031	0.00009	ND		0.0023	0.00066	ND		0.0018	0.00053	ND		0.0019	0.00054	ND		0.002	0.00057
Carbon disulfide							0.002		0.0015	0.0007	ND		0.011	0.0051	ND		0.0091	0.0041	ND		0.0093	0.0042	ND		0.0098	0.0044
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.76	ND		0.00015	0.00004	ND		0.0011	0.00026	ND		0.00091	0.00021	ND		0.00093	0.00021	ND		0.00098	0.00022
Chlorobenzene	1.1	100	100	500	1000	1.1	ND		0.00008	0.00002	ND		0.00056	0.00014	ND		0.00045	0.00012	ND		0.00046	0.00012	ND		0.00049	0.00012
Chloroethane							ND		0.00031	0.00007	ND		0.0023	0.00051	ND		0.0018	0.00041	ND		0.0019	0.00042	ND		0.002	0.00044
Chloroform	0.37	10	49	350	700	0.37	ND		0.00023	0.00002	ND		0.0017	0.00016	ND		0.0014	0.00013	ND		0.0014	0.00013	ND		0.0015	0.00014
Chloromethane							ND		0.00062	0.00014	ND		0.0045	0.001	ND		0.0036	0.00084	ND		0.0037	0.00087	ND		0.0039	0.00091
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.25	ND		0.00015	0.00003	ND		0.0011	0.0002	ND		0.00091	0.00016	ND		0.00093	0.00016	ND		0.00098	0.00017
cis-1,3-Dichloropropene							ND		0.00008	0.00002	ND		0.00056	0.00018	ND		0.00045	0.00014	ND		0.00046	0.00015	ND		0.00049	0.00015
Dibromochloromethane							ND		0.00015	0.00002	ND		0.0011	0.00016	ND		0.00091	0.00013	ND		0.00093	0.00013	ND		0.00098	0.00014
Dibromomethane							ND		0.00031	0.00004	ND		0.0023	0.00027	ND		0.0018	0.00022	ND		0.0019	0.00022	ND		0.002	0.00023
Dichlorodifluoromethane							ND		0.0015	0.00014	ND		0.011	0.001	ND		0.0091	0.00083	ND		0.0093	0.00085	ND		0.0098	0.0009
Ethyl ether							ND		0.00031	0.00005	ND		0.0023	0.00038	ND		0.0018	0.00031	ND		0.0019	0.00032	ND		0.002	0.00033
Ethylbenzene	1	30	41	390	780	1	0.00005	J	0.00015	0.00002	0.00018	J	0.0011	0.00016	ND		0.00091	0.00013	ND		0.00093	0.00013	ND		0.00098	0.00014
Hexachlorobutadiene							ND		0.00062	0.00003	ND		0.0045	0.00019	ND		0.0036	0.00015	ND		0.0037	0.00016	ND		0.0039	0.00016
Isopropylbenzene							ND		0.00015	0.00002	ND		0.0011	0.00012	ND		0.00091	0.0001	ND		0.00093	0.0001	ND		0.00098	0.00011
Methyl tert butyl ether	0.93	62	100	500	1000	0.93	ND		0.00031	0.00003	ND		0.0023	0.00023	ND		0.0018	0.00018	ND		0.0019	0.00019	ND		0.002	0.0002
Methylene chloride	0.05	51	100	500	1000	0.05	ND		0.00077	0.00035	ND		0.0056	0.0026	ND		0.0045	0.0021	ND		0.0046	0.0021	ND		0.0049	0.0022
n-Butylbenzene	12	100	100	500	1000	12	ND		0.00015	0.00003	ND		0.0011	0.00019	ND		0.00091	0.00015	ND		0.00093	0.00016	ND		0.00098	0.00016
n-Propylbenzene	3.9	100	100	500	1000	3.9	ND		0.00015	0.00003	ND		0.0011	0.00019	ND		0.00091	0.00016	ND		0.00093	0.00016	ND		0.00098	0.00017
Naphthalene	12	100	100	500	1000	12	0.00013	J	0.00062	0.0001	ND		0.0045	0.00073	ND		0.0036	0.00059	ND		0.0037	0.0006	ND		0.0039	0.00064
o-Chlorotoluene							ND		0.00031	0.00003	ND		0.0023	0.00022	ND		0.0018	0.00017	ND		0.0019	0.00018	ND		0.002	0.00019
o-Xylene							0.0001	J	0.00015	0.00005	ND		0.0011	0.00033	ND		0.00091	0.00026	ND		0.00093	0.00027	ND		0.00098	0.00028
p-Chlorotoluene							ND		0.00031	0.00002	ND		0.0023	0.00012	ND		0.0018	0.0001	ND		0.0019	0.0001	ND		0.002	0.0001
p-Diethylbenzene							ND		0.00031	0.00003	ND		0.0023	0.0002	ND		0.0018	0.00016	ND		0.0019	0.00016	ND		0.002	0.00017
p-Ethyltoluene							ND		0.00031	0.00006	ND		0.0023	0.00043	ND		0.0018	0.00035	ND		0.0019	0.00036	ND		0.002	0.00038
p-Isopropyltoluene							ND		0.00015	0.00002	ND		0.0011	0.00012	ND		0.00091	0.0001	ND		0.00093	0.0001	ND		0.00098	0.00011
p/m-Xylene							0.00016	J	0.00031	0.00009	ND		0.0023	0.00063	ND		0.0018	0.00051	ND		0.0019	0.00052	ND		0.002	0.00055
sec-Butylbenzene	11	100	100	500	1000	11	ND		0.00015	0.00002	ND		0.0011	0.00016	ND		0.00091	0.00013	ND		0.00093	0.00014	ND		0.00098	0.00014
Styrene							ND		0.00015	0.00003	ND		0.0011	0.00022	ND		0.00091	0.00018	ND		0.00093	0.00018	ND		0.00098	0.00019
tert-Butylbenzene	5.9	100	100	500	1000	5.9	ND		0.00031	0.00002	ND		0.0023	0.00013	ND		0.0018	0.00011	ND		0.0019	0.00011	ND		0.002	0.00012
Tetrachloroethene	1.3	5.5	19	150	300	1.3	ND		0.00008	0.00003	ND		0.00056	0.00022	ND		0.00045	0.00018	ND		0.00046	0.00018	ND		0.00049	0.00019
Toluene	0.7	100	100	500	1000	0.7	0.00047		0.00015	0.00008	ND		0.0011	0.00061	ND		0.00091	0.00049	ND		0.00093	0.0005	ND		0.00098	0.00053
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.19	ND		0.00023	0.00002	ND		0.0017	0.00015	ND		0.0014	0.00012	ND		0.0014	0.00013	ND		0.0015	0.00013
trans-1,3-Dichloropropene							ND		0.00015	0.00004	ND		0.0011	0.00031	ND		0.00091	0.00025	ND		0.00093	0.00025	ND		0.00098	0.00027
trans-1,4-Dichloro-2-butene							ND		0.00077	0.00022	ND		0.0056	0.0016	ND		0.0045	0.0013	ND		0.0046	0.0013	ND		0.0049	0.0014
Trichloroethene	0.47	10	21	200	400	0.47	ND		0.00008	0.00002	ND		0.00056	0.00015	ND		0.00045	0.00012	ND		0.00046	0.00013	ND		0.00049	0.00013
Trichlorofluoromethane							ND		0.00062	0.00011	ND		0.0045	0.00078	ND		0.0036	0.00063	ND		0.0037	0.00065	ND		0.0039	0.00068
Vinyl acetate							ND		0.0015	0.00033	ND		0.011	0.0024	ND		0.0091	0.0019	ND		0.0093	0.002	ND		0.0098	0.0021
Vinyl chloride	0.02	0.21	0.9	13	27	0.02	ND		0.00015	0.00005	ND		0.0011	0.00038	ND		0.00091	0.0003	ND		0.00093	0.00031	ND		0.00098	0.00033
Xylenes, Total	0.26	100	100	500	1000	1.6	0.00026	J	0.00015	0.00005	ND		0.0011	0.00033	ND		0.00091	0.00026	ND		0.00093	0.00027	ND		0.00098	0.00028
Total VOCs							0.00534	-	-	-	0.20643	-	-	-	0.0819	-	-	-	0.02895	-	-	-	0.0318	-	-	-
PFAS (ug/kg)																										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS							ND		0.797	0.04	-		-	-	-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)							ND		0.797	0.258	ND		0.7	0.339	ND		0.791	0.383	ND		0.795	0.385	ND		0.785	0.38
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)							ND		0.797	0.077	-		-	-	-		-	-	-		-	-	-		-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)							ND		0.797	0.147	ND		0.7	0.245	ND		0.791	0.277	ND		0.795	0.278	ND		0.785	0.275
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)							ND		4.98	0.235	-		-	-	-		-	-	-		-	-	-		-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)							ND		4.98	0.364	-		-	-	-		-	-	-		-	-	-		-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)							ND		0.996	0.092	-		-	-	-		-	-	-		-	-	-		-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)							ND		0.797	0.03	-		-	-	-		-	-	-		-	-	-		-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)							ND		0.797	0.03	-		-	-	-		-	-	-		-	-	-		-	-

Table 2.2
Summary of Soil Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:							SB-8 (6.5-7)				B-17 (3-3.5)				B-18 (4-4.5)				B-31 (3.5-4)				B-32 (1.5-2)			
LAB ID:							L2506138-08				L2433160-05				L2433160-06				L2433831-09				L2433831-10			
COLLECTION DATE:							2/4/2025				6/12/2024				6/12/2024				6/14/2024				6/14/2024			
SAMPLE DEPTH (FBGS):							6.5-7.0				3.0-3.5				4.0-4.5				3.5-4.0				1.5-2.0			
SAMPLE MATRIX:							SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	**USCO**	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**PGWSCO**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)							ND		0.797	0.038	-		-	-	-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)							ND		0.199	0.022	-		-	-	-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)							ND		1.99	0.081	-		-	-	-		-	-	-		-	-	-		-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)							ND		0.199	0.044	0.108	J	0.175	0.072	ND		0.198	0.082	ND		0.199	0.082	ND		0.196	0.081
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)							ND		0.199	0.026	-		-	-	-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)							ND		1.99	0.121	-		-	-	-		-	-	-		-	-	-		-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)							ND		0.199	0.085	ND		0.175	0.088	ND		0.198	0.099	ND		0.199	0.099	ND		0.196	0.098
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)							ND		0.398	0.082	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)							ND		0.398	0.046	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)							ND		0.398	0.017	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)							ND		0.398	0.024	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorobutanesulfonic Acid (PFBS)							ND		0.199	0.02	ND		0.175	0.038	ND		0.198	0.043	ND		0.199	0.043	ND		0.196	0.042
Perfluorobutanoic Acid (PFBA)							ND		0.797	0.028	ND		0.7	0.044	ND		0.791	0.05	ND		0.795	0.05	ND		0.785	0.05
Perfluorodecanesulfonic Acid (PFDS)							ND		0.199	0.014	ND		0.175	0.028	ND		0.198	0.032	ND		0.199	0.032	ND		0.196	0.031
Perfluorodecanoic Acid (PFDA)							ND		0.199	0.035	ND		0.175	0.066	ND		0.198	0.074	ND		0.199	0.075	ND		0.196	0.074
Perfluorododecanesulfonic Acid (PFDoS)							ND		0.199	0.022	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorododecanoic Acid (PFDoA)							ND		0.199	0.021	ND		0.175	0.036	ND		0.198	0.04	ND		0.199	0.041	ND		0.196	0.04
Perfluoroheptanesulfonic Acid (PFHpS)							ND		0.199	0.045	ND		0.175	0.032	ND		0.198	0.036	ND		0.199	0.037	ND		0.196	0.036
Perfluoroheptanoic Acid (PFHpA)							0.041	JF	0.199	0.012	ND		0.175	0.02	ND		0.198	0.023	ND		0.199	0.023	ND		0.196	0.023
Perfluorohexanesulfonic Acid (PFHxS)							ND		0.199	0.02	ND		0.175	0.052	ND		0.198	0.059	ND		0.199	0.059	ND		0.196	0.058
Perfluorohexanoic Acid (PFHxA)							0.062	JF	0.199	0.015	ND		0.175	0.041	ND		0.198	0.046	ND		0.199	0.046	ND		0.196	0.046
Perfluorononanesulfonic Acid (PFNS)							ND		0.199	0.03	-		-	-	-		-	-	-		-	-	-		-	-
Perfluorononanoic Acid (PFNA)							0.018	JF	0.199	0.013	ND		0.175	0.069	ND		0.198	0.078	ND		0.199	0.078	ND		0.196	0.077
Perfluorooctanesulfonamide (PFOSA)							ND		0.199	0.01	ND		0.175	0.038	ND		0.198	0.043	ND		0.199	0.043	ND		0.196	0.042
Perfluorooctanesulfonic Acid (PFOS)	0.88	8.8	44	440	440		0.167	J	0.199	0.031	0.67		0.175	0.069	0.223		0.198	0.078	0.794		0.199	0.079	ND		0.196	0.078
Perfluorooctanoic Acid (PFOA)	0.66	6.6	33	500	600		0.377		0.199	0.026	0.049	J	0.175	0.046	ND		0.198	0.051	0.06	J	0.199	0.052	ND		0.196	0.051
Perfluoropentanesulfonic Acid (PFPeS)							ND		0.199	0.026	-		-	-	-		-	-	-		-	-	-		-	-
Perfluoropentanoic Acid (PFPeA)							0.104	J	0.398	0.038	ND		0.35	0.049	ND		0.396	0.055	ND		0.398	0.056	ND		0.393	0.055
Perfluorotetradecanoic Acid (PFTeDA)							ND		0.199	0.024	ND		0.175	0.093	ND		0.198	0.105	ND		0.199	0.106	ND		0.196	0.104
Perfluorotridecanoic Acid (PFTrDA)							ND		0.199	0.016	ND		0.175	0.046	ND		0.198	0.052	ND		0.199	0.053	ND		0.196	0.052
Perfluoroundecanoic Acid (PFUnA)							ND		0.199	0.013	ND		0.175	0.045	ND		0.198	0.051	ND		0.199	0.051	ND		0.196	0.05
PFOA/PFOS, Total							-	-	-	-	0.719	J	0.175	0.046	0.223		0.198	0.051	0.854	J	0.199	0.052	ND		0.196	0.051
SVOCs (mg/kg)																										
1,2,4,5-Tetrachlorobenzene							ND		0.89	0.093	ND		0.19	0.02	ND		0.18	0.019	ND		0.18	0.019	ND		0.18	0.018
1,2,4-Trichlorobenzene							ND		0.89	0.1	ND		0.19	0.022	ND		0.18	0.021	ND		0.18	0.021	ND		0.18	0.02
1,2-Dichlorobenzene	1.1	100	100	500	1000	1.1	ND		0.89	0.16	ND		0.19	0.034	ND		0.18	0.033	ND		0.18	0.033	ND		0.18	0.032
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	ND		0.89	0.15	ND		0.19	0.033	ND		0.18	0.032	ND		0.18	0.032	ND		0.18	0.03
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	ND		0.89	0.16	ND		0.19	0.033	ND		0.18	0.032	ND		0.18	0.032	ND		0.18	0.031
1,4-Dioxane	0.1	9.8	13	130	250	0.1	ND		0.13	0.041	ND		0.028	0.0088	ND		0.028	0.0086	ND		0.028	0.0085	ND		0.027	0.0082
2,4,5-Trichlorophenol							ND		0.89	0.17	ND		0.19	0.036	ND		0.18	0.036	ND		0.18	0.036	ND		0.18	0.034
2,4,6-Trichlorophenol							ND		0.54	0.17	ND		0.11	0.036	ND		0.11	0.035	ND		0.11	0.035	ND		0.11	0.034
2,4-Dichlorophenol							ND		0.8	0.14	ND		0.17	0.031	ND		0.17	0.03	ND		0.17	0.03	ND		0.16	0.028
2,4-Dimethylphenol							ND		0.89	0.29	ND		0.19	0.063	ND		0.18	0.061	ND		0.18	0.061	ND		0.18	0.058
2,4-Dinitrophenol							ND		4.3	0.42	ND		0.91	0.089	ND		0.89	0.087	ND		0.89	0.087	ND		0.85	0.083
2,4-Dinitrotoluene							ND		0.89	0.18	ND		0.19	0.038	ND		0.18	0.037	ND		0.18	0.037	ND		0.18	0.035
2,6-Dinitrotoluene							ND		0.89	0.15	ND		0.19	0.033	ND		0.18	0.032	ND		0.18	0.032	ND		0.18	0.03
2-Chloronaphthalene							ND		0.89	0.088	ND		0.19	0.019	ND		0.18	0.018	ND		0.18	0.018	ND		0.18	0.018
2-Chlorophenol							ND		0.89	0.1	ND		0.19	0.022	ND		0.18	0.022	ND		0.18	0.022	ND		0.18	0.021
2-Methylnaphthalene							0.37	J	1.1	0.11	0.029	J	0.23	0.023	0.06	J	0.22	0.022	ND		0.22	0.022	ND		0.21	0.021
2-Methylphenol	0.33	100	100	500	1000	0.33	ND		0.89	0.14	ND		0.19	0.03	ND		0.18	0.029	ND		0.18	0.029	ND		0.18	0.028
2-Nitroaniline							ND		0.89	0.17	ND		0.19	0.037	ND		0.18	0.036	ND		0.18	0.036	ND		0.18	0.034
2-Nitrophenol							ND		1.9	0.34	ND		0.41	0.072	ND		0.4	0.07	ND		0.4	0.07	ND		0.38	0.067
3,3'-Dichlorobenzidine							ND		0.89	0.24	ND		0.19	0.051	ND		0.18	0.049	ND		0.18	0.049	ND		0.18	0.047
3-Methylphenol/4-Methylphenol	0.33	34	100	500	1000	0.33	ND		1.3	0.14	ND		0.27	0.03	ND		0.27	0.029	ND		0.27	0.029	ND		0.26	0.028
3-Nitroaniline							ND		0.89	0.17	ND		0.19	0.036	ND		0.18	0.035	ND		0.18	0.035	ND		0.18	0.033
4,6-Dinitro-o-cresol							ND		2.3	0.43	ND		0.5	0.091	ND		0.48	0.089	ND		0.48	0.089	ND		0.46	0.085
4-Bromophenyl phenyl ether							ND		0.89	0.14	ND		0.19	0.029	ND		0.18	0.028	ND		0.18	0.028	ND		0.18	0.027
4-Chloroaniline							ND		0.89	0.16	ND		0.19	0.035	ND		0.18	0.034	ND		0.18	0.034	ND		0.18	0.032
4-Chlorophenyl phenyl ether							ND		0.89	0.095	ND		0.19	0.02	ND		0.18	0.02	ND		0.18	0.02	ND		0.18	0.019
4-Nitroaniline							ND		0.89	0.37	ND		0.19	0.079	ND		0.18	0.077	ND		0.18	0.077	ND		0.18	0.073
4-Nitrophenol							ND		1.2	0.36	ND		0.27	0.078	ND		0.26	0.076	ND		0.26	0.076	ND		0.25	0.072
Acenaphthene	20	100	100	500	1000	98	0.098	J	0.71	0.092	0.051	J	0.15	0.02	0.056	J	0.15	0.019	ND		0.15	0.019	ND		0.14	0.018
Acenaphthylene	100	100	100	500	1000	107	0.28	J	0.71	0.14	0.26		0.15	0.029	0.12	J	0.15	0.029	ND		0.15	0.029	ND		0.14	0.027
Acetophenone							ND		0.89	0.11	ND		0.19	0.024	ND		0.18	0.023	ND		0.18	0.023	ND		0.18	0.022
Anthracene	100	100	100	500	1000	1000	0.38	J	0.54	0.17	0.23		0.11	0.037	0.28		0.11	0.036	ND		0.11	0.036	ND		0.11	0.034
Benzo(a)anthracene	1	1	1	5.6	11	1	**1.5**		0.54	0.1	0.63		0.11	0.021	0.64		0.11	0.021	0.11		0.11	0.021	0.093	J	0.11	0.02
Benzo(a)pyrene	1	1	1	1	1.1	22	**1.7**		0.71	0.22	0.66		0.15	0.046	0.74		0.15	0.045	0.11	J	0.15	0.045	0.096	J	0.14	0.043
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7	**2.1**		0.54	0.15	0.9		0.11	0.032	0.86		0.11	0.031	0.14		0.11	0.031	0.12		0.11	0.03
Benzo(ghi)perylene	100	100	100	500	1000	1000	1.2		0.71	0.1	0.47		0.15	0.022	0.56		0.15	0.022	0.074	J	0.15	0.022	0.073	J	0.14	0.021
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7	0.79		0.54	0.14	0.27		0.11	0.03	0.32		0.11	0.03	0.04	J	0.11	0.03	0.039	J	0.11	0.028
Benzoic Acid							ND		2.9	0.9	ND		0.62	0.19	ND		0.6	0.19	ND		0.6	0.19	ND		0.57	0.18
Benzyl Alcohol							ND		0.89	0.27	ND		0.19	0.058	ND		0.18	0.057	ND		0.18	0.057	ND		0.18	0.054
Biphenyl							ND		2	0.12	ND		0.43	0.025	ND		0.42	0.024	ND		0.42	0.024	ND		0.4	0.023
Bis(2-chloroethoxy)methane							ND		0.96	0.089	ND		0.2	0.019	ND		0.2	0.019	ND		0.2	0.019	ND		0.19	0.018
Bis(2-chloroethyl)ether							ND		0.8	0.12	ND		0.17	0.026	ND		0.17	0.025	ND		0.17	0.025	ND		0.16	0.024
Bis(2-chloroisopropyl)ether							ND		1.1	0.15	ND		0.23	0.032	ND		0.22	0.032	ND		0.22	0.032	ND		0.21	0.03
Bis(2-ethylhexyl)phthalate							ND		0.89	0.31	0.41		0.19	0.066	ND		0.18	0.064	0.08	J	0.18	0.064	0.13	J	0.18	0.061
Butyl benzyl phthalate							ND		0.89	0.22	ND		0.19	0.048	ND		0.18	0.047	ND		0.18	0.047	ND		0.18	0.045
Carbazole							0.18	J	0.89	0.087	0.076	J	0.19	0.018	0.062	J	0.18	0.018	ND		0.18	0.018	ND		0.18	0.017
Chrysene	1	1	3.9	56	110	1	**1.6**		0.54	0.093	0.58		0.11	0.02	0.58		0.11	0.019	0.11		0.11	0.019	0.092	J	0.11	0.018
Di-n-butylphthalate							ND		0.89	0.17	0.12	J	0.19	0.036	0.1	J	0.18	0.035	ND		0.18	0.035	ND		0.18	0.034
Di-n-octylphthalate							ND		0.89	0.3	ND		0.19	0.065	ND		0.18	0.063	ND		0.18	0.063	ND		0.18	0.06
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1000	0.28	J	0.54	0.1	0.1	J	0.11	0.022	0.14		0.11	0.021	ND		0.11	0.021	ND		0.11	0.02
Dibenzofuran	7	14	59	350	1000	210	0.16	J	0.89	0.084	0.034	J	0.19	0.018	0.086	J	0.18	0.018	ND		0.18	0.018	ND		0.18	0.017
Diethyl phthalate							ND		0.89	0.083	ND		0.19	0.018	ND		0.18	0.017	ND		0.18	0.017	ND		0.18	0.016
Dimethyl phthalate							ND		0.89	0.19	ND		0.19	0.04	ND		0.18	0.039	ND		0.18	0.039	ND		0.18	0.037
Fluoranthene	100	100	100	500	1000	1000	2.9		0.54	0.1	0.96		0.11	0.022	1.3		0.11	0.021	0.22		0.11	0.021	0.14		0.11	0.02
Fluorene	30	100	100	500	1000	386	0.12	J	0.89	0.087	0.068	J	0.19	0.018	0.1	J	0.18	0.018	ND		0.18	0.018	ND		0.18	0.017
Hexachlorobenzene	0.33	0.33	1.2	6	12	3.2	ND		0.54	0.1	ND		0.11	0.021	ND		0.11	0.021	ND		0.11	0.021	ND		0.11	0.02
Hexachlorobutadiene							ND		0.89	0.13	ND		0.19	0.028	ND		0.18	0.027	ND		0.18	0.027	ND		0.18	0.026
Hexachlorocyclopentadiene							ND		2.6	0.81	ND		0.54	0.17	ND		0.53	0.17	ND		0.53	0.17	ND		0.51	0.16
Hexachloroethane							ND		0.71	0.14	ND		0.15	0.031	ND		0.15	0.03	ND		0.15	0.03	ND		0.14	0.029
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2	**1.1**		0.71	0.12	0.44		0.15	0.026	0.42		0.15	0.026	0.069	J	0.15	0.026	0.068	J	0.14	0.025
Isophorone							ND		0.8	0.12	ND		0.17	0.025	ND		0.17	0.024	ND		0.17	0.024	ND		0.16	0.023

Table 2.2
Summary of Soil Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:							SB-8 (6.5-7)				B-17 (3-3.5)				B-18 (4-4.5)				B-31 (3.5-4)				B-32 (1.5-2)			
LAB ID:							L2506138-08				L2433160-05				L2433160-06				L2433831-09				L2433831-10			
COLLECTION DATE:							2/4/2025				6/12/2024				6/12/2024				6/14/2024				6/14/2024			
SAMPLE DEPTH (FBGS):							6.5-7.0				3.0-3.5				4.0-4.5				3.5-4.0				1.5-2.0			
SAMPLE MATRIX:							SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	**USCO**	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**PGWSCO**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
n-Nitrosodi-n-propylamine							ND		0.89	0.14	ND		0.19	0.029	ND		0.18	0.029	ND		0.18	0.029	ND		0.18	0.027
Naphthalene	12	100	100	500	1000	12	0.31	J	0.89	0.11	0.05	J	0.19	0.023	0.095	J	0.18	0.023	0.041	J	0.18	0.023	ND		0.18	0.022
NDPA/DPA							ND		0.71	0.1	ND		0.15	0.022	ND		0.15	0.021	ND		0.15	0.021	ND		0.14	0.02
Nitrobenzene							ND		0.8	0.13	ND		0.17	0.028	ND		0.17	0.028	ND		0.17	0.028	ND		0.16	0.026
p-Chloro-m-cresol							ND		0.89	0.13	ND		0.19	0.028	ND		0.18	0.028	ND		0.18	0.028	ND		0.18	0.026
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.8	ND		0.71	0.2	ND		0.15	0.042	ND		0.15	0.041	ND		0.15	0.041	ND		0.14	0.039
Phenanthrene	100	100	100	500	1000	1000	1.7		0.54	0.11	0.44		0.11	0.023	0.79		0.11	0.023	0.1	J	0.11	0.022	0.037	J	0.11	0.022
Phenol	0.33	100	100	500	1000	0.33	ND		0.89	0.13	ND		0.19	0.029	ND		0.18	0.028	ND		0.18	0.028	ND		0.18	0.027
Pyrene	100	100	100	500	1000	1000	2.6		0.54	0.089	0.93		0.11	0.019	1		0.11	0.018	0.2		0.11	0.018	0.15		0.11	0.018
Total SVOCs							19.368	-	-	-	7.708	-	-	-	8.309	-	-	-	1.294	-	-	-	1.038	-	-	-
Pesticides (mg/kg)																										
4,4'-DDD	0.0033	2.6	13	92	180	14	ND		0.00165	0.00059	0.00113	J	0.0018	0.000641	0.00221		0.00181	0.000645	0.00321		0.00172	0.000614	0.000627	J	0.00168	0.000598
4,4'-DDE	0.0033	1.8	8.9	62	120	17	ND		0.00165	0.000382	0.000505	J	0.0018	0.000416	ND		0.00181	0.000418	**0.00409**		0.00172	0.000398	0.00121	J	0.00168	0.000388
4,4'-DDT	0.0033	1.7	7.9	47	94	136	ND		0.00165	0.00133	ND		0.0018	0.00144	ND		0.00181	0.00145	ND		0.00172	0.00138	ND		0.00168	0.00135
Aldrin	0.005	0.019	0.097	0.68	1.4	0.19	ND		0.00165	0.000582	ND		0.0018	0.000633	ND		0.00181	0.000636	ND		0.00172	0.000606	ND		0.00168	0.00059
Alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.02	ND		0.000689	0.000196	ND		0.000749	0.000213	ND		0.000753	0.000214	ND		0.000717	0.000204	ND		0.000698	0.000198
Beta-BHC	0.036	0.072	0.36	3	14	0.09	ND		0.00165	0.000627	ND		0.0018	0.000682	ND		0.00181	0.000685	ND		0.00172	0.000652	ND		0.00168	0.000636
Chlordane							ND		0.0138	0.00548	0.0113	JIP	0.015	0.00595	ND		0.0151	0.00599	ND		0.0143	0.0057	ND		0.014	0.00555
cis-Chlordane	0.094	0.91	4.2	24	47	2.9	0.00185	J	0.00207	0.000576	0.00179	J	0.00225	0.000626	ND		0.00226	0.00063	0.00116	JIP	0.00215	0.000599	ND		0.0021	0.000584
Delta-BHC	0.04	100	100	500	1000	0.25	ND		0.00165	0.000324	ND		0.0018	0.000352	ND		0.00181	0.000354	ND		0.00172	0.000337	ND		0.00168	0.000328
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.1	ND		0.00103	0.000517	ND		0.00112	0.000562	ND		0.00113	0.000565	ND		0.00108	0.000538	ND		0.00105	0.000524
Endosulfan I	2.4	4.8	24	200	920	102	ND		0.00165	0.000391	ND		0.0018	0.000425	ND		0.00181	0.000427	ND		0.00172	0.000406	ND		0.00168	0.000396
Endosulfan II	2.4	4.8	24	200	920	102	ND		0.00165	0.000553	ND		0.0018	0.000601	ND		0.00181	0.000604	ND		0.00172	0.000575	ND		0.00168	0.00056
Endosulfan sulfate	2.4	4.8	24	200	920	1,000	ND		0.000689	0.000328	ND		0.000749	0.000356	ND		0.000753	0.000358	ND		0.000717	0.000341	ND		0.000698	0.000332
Endrin	0.014	2.2	11	89	410	0.06	ND		0.000689	0.000283	ND		0.000749	0.000307	ND		0.000753	0.000309	ND		0.000717	0.000294	ND		0.000698	0.000286
Endrin aldehyde							ND		0.00207	0.000724	ND		0.00225	0.000786	ND		0.00226	0.000791	ND		0.00215	0.000753	ND		0.0021	0.000733
Endrin ketone							ND		0.00165	0.000426	ND		0.0018	0.000463	ND		0.00181	0.000465	ND		0.00172	0.000443	ND		0.00168	0.000432
Heptachlor	0.042	0.42	2.1	15	29	0.38	ND		0.000827	0.000371	ND		0.000899	0.000403	ND		0.000904	0.000405	ND		0.00086	0.000386	ND		0.000838	0.000376
Heptachlor epoxide							ND		0.0031	0.00093	ND		0.00337	0.00101	ND		0.00339	0.00102	ND		0.00323	0.000968	ND		0.00314	0.000943
Lindane	0.1	0.28	1.3	9.2	23	0.1	ND		0.000689	0.000308	ND		0.000749	0.000335	ND		0.000753	0.000337	ND		0.000717	0.00032	ND		0.000698	0.000312
Methoxychlor							ND		0.0031	0.000965	ND		0.00337	0.00105	ND		0.00339	0.00105	ND		0.00323	0.001	ND		0.00314	0.000978
Toxaphene							ND		0.031	0.00868	ND		0.0337	0.00944	ND		0.0339	0.00949	ND		0.0323	0.00903	ND		0.0314	0.0088
trans-Chlordane							0.00177	JIP	0.00207	0.000546	0.00172	JIP	0.00225	0.000593	ND		0.00226	0.000596	0.00218		0.00215	0.000568	ND		0.0021	0.000553
PCBs (mg/kg)																										
Aroclor 1016	0.1	1	1	1	25	3.2	ND		0.0535	0.00475	ND		0.0551	0.0049	ND		0.056	0.00497	ND		0.0526	0.00467	ND		0.0505	0.00448
Aroclor 1221	0.1	1	1	1	25	3.2	ND		0.0535	0.00536	ND		0.0551	0.00552	ND		0.056	0.00561	ND		0.0526	0.00526	ND		0.0505	0.00506
Aroclor 1232	0.1	1	1	1	25	3.2	ND		0.0535	0.0113	ND		0.0551	0.0117	ND		0.056	0.0119	ND		0.0526	0.0111	ND		0.0505	0.0107
Aroclor 1242	0.1	1	1	1	25	3.2	ND		0.0535	0.00721	ND		0.0551	0.00743	ND		0.056	0.00755	ND		0.0526	0.00708	ND		0.0505	0.0068
Aroclor 1248	0.1	1	1	1	25	3.2	ND		0.0535	0.00803	ND		0.0551	0.00827	ND		0.056	0.0084	ND		0.0526	0.00788	ND		0.0505	0.00757
Aroclor 1254	0.1	1	1	1	25	3.2	ND		0.0535	0.00585	0.0375	J	0.0551	0.00603	0.0182	J	0.056	0.00613	0.00774	J	0.0526	0.00575	0.00796	J	0.0505	0.00552
Aroclor 1260	0.1	1	1	1	25	3.2	ND		0.0535	0.00989	0.051	J	0.0551	0.0102	0.0284	J	0.056	0.0104	0.0108	J	0.0526	0.00971	ND		0.0505	0.00933
Aroclor 1262	0.1	1	1	1	25	3.2	ND		0.0535	0.0068	ND		0.0551	0.007	ND		0.056	0.00711	ND		0.0526	0.00667	ND		0.0505	0.00641
Aroclor 1268	0.1	1	1	1	25	3.2	ND		0.0535	0.00554	ND		0.0551	0.00571	ND		0.056	0.0058	ND		0.0526	0.00544	ND		0.0505	0.00523
PCBs, Total	0.1	1	1	1	25	3.2	ND		0.0535	0.00475	0.0885	J	0.0551	0.0049	0.0466	J	0.056	0.00497	0.0185	J	0.0526	0.00467	0.00796	J	0.0505	0.00448
Metals (mg/kg)																										
Aluminum, Total							4180		8.68	2.82	6930		9.1	2.46	9810		9.02	2.44	9940		8.8	2.38	7140		8.29	2.24
Antimony, Total							ND		4.34	3.34	0.559	J	4.55	0.346	ND		4.51	0.343	ND		4.4	0.334	ND		4.15	0.315
Arsenic, Total	13	16	16	16	16	16	5.19		0.868	0.375	5.7		0.91	0.189	7.18		0.902	0.188	2.21		0.88	0.183	1.41		0.829	0.172
Barium, Total	350	350	400	400	10000	820	66.8		0.868	0.092	109		0.91	0.158	86.4		0.902	0.157	105		0.88	0.153	63.2		0.829	0.144
Beryllium, Total	7.2	14	72	590	2700	47	0.305	J	0.434	0.048	0.22	J	0.455	0.03	0.576		0.451	0.03	0.239	J	0.44	0.029	0.218	J	0.415	0.027
Cadmium, Total	2.5	2.5	4.3	9.3	60	7.5	0.198	J	0.868	0.048	ND		0.91	0.089	0.219	J	0.902	0.088	0.178	J	0.88	0.086	ND		0.829	0.081
Calcium, Total							46000		8.68	4.92	36800		9.1	3.19	52500		9.02	3.16	7780		8.8	3.08	1790		8.29	2.9
Chromium, Total						19	17.3		0.868	0.736	22.3		0.91	0.087	21.6		0.902	0.087	20		0.88	0.085	23.2		0.829	0.08
Cobalt, Total							5.17		1.74	0.215	5.69		1.82	0.151	7.79		1.8	0.15	6.76		1.76	0.146	5.45		1.66	0.138
Copper, Total	50	270	270	270	10000	1,720	**154**		0.868	0.197	34.5		0.91	0.235	29		0.902	0.233	24.8		0.88	0.227	17.2		0.829	0.214
Iron, Total							15800		4.34	0.911	15500		4.55	0.822	16700		4.51	0.815	19800		4.4	0.794	13100		4.15	0.749
Lead, Total	63	400	400	1000	3900	450	**193**		4.34	0.206	**126**		4.55	0.244	**111**		4.51	0.242	25.6		4.4	0.236	9.09		4.15	0.222
Magnesium, Total							13200		8.68	1.41	5500		9.1	1.4	9880		9.02	1.39	7750		8.8	1.36	3430		8.29	1.26
Manganese, Total	1600	2000	2000	10000	10000	2,000	189		0.868	0.465	218		0.91	0.145	331		0.902	0.143	289		0.88	0.14	202		0.829	0.132
Mercury, Total	0.18	0.81	0.81	2.8	5.7	0.73	**0.608**		0.08	0.052	0.128		0.074	0.049	**0.315**		0.074	0.048	0.08		0.07	0.046	ND		0.077	0.05
Nickel, Total	30	140	310	310	10000	130	11.8		2.17	0.701	16.4		2.28	0.22	15.5		2.26	0.218	16		2.2	0.213	16.5		2.07	0.201
Potassium, Total							1210		217	44	2010		228	13.1	1910		226	13	5340		220	12.7	1830		207	11.9
Selenium, Total	3.9	36	180	1500	6800	4	0.354	J	1.74	0.285	ND		1.82	0.235	ND		1.8	0.233	ND		1.76	0.227	ND		1.66	0.214
Silver, Total	2	36	180	1500	6800	8.3	ND		0.434	0.258	0.442	J	0.455	0.258	ND		0.451	0.255	ND		0.44	0.249	ND		0.415	0.235
Sodium, Total							106	J	174	92	106	J	182	2.87	249		180	2.84	129	J	176	2.77	94.2	J	166	2.61
Thallium, Total							ND		1.74	0.782	0.866	J	1.82	0.287	0.556	J	1.8	0.284	0.817	J	1.76	0.277	0.287	J	1.66	0.261
Vanadium, Total							16.2		0.868	0.131	30.2		0.91	0.185	33.2		0.902	0.183	38		0.88	0.179	24.1		0.829	0.168
Zinc, Total	109	2200	10000	10000	10000	2,480	**109**		4.34	0.526	**116**		4.55	0.267	73.3		4.51	0.264	65.7		4.4	0.258	28.5		4.15	0.243
General Chemistry																										
Cyanide, Total	27	27	27	27	10000	40	0.42	J	1	0.22	ND		1.1	0.24	ND		1.1	0.23	ND		1.1	0.23	ND		1	0.22
Solids, Total							90.9		0.1	NA	86.2		0.1	NA	87		0.1	NA	89		0.1	NA	93.1		0.1	NA

Notes

ug/kg: Micrograms per kilogram

mg/kg: Milligrams per kilogram

J: Estimated

Q - Sample Qualifier

ND - Analyte was not detected

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

Highlighted: Exceedance of corresponding SCO

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

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

NY-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.

NY-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.

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

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

Table 2.4
Summary of Groundwater Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:			TW-1				TW-2			
LAB ID:			L2506138-11				L2506138-10			
COLLECTION DATE:			2/4/2025				2/4/2025			
SAMPLE MATRIX:			WATER				WATER			
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	ND		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	ND		5	1.5	ND		5	1.5
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16
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	ND		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	ND		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	0.17	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	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
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			-	-	-	-	-	-	-	-

Table 2.4
Summary of Groundwater Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:			TW-1				TW-2			
LAB ID:			L2506138-11				L2506138-10			
COLLECTION DATE:			2/4/2025				2/4/2025			
SAMPLE MATRIX:			WATER				WATER			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,4-Dioxane (ug/l)										
1,4-Dioxane	123-91-1	0.35	ND		0.134	0.0303	ND		0.15	0.0339
PFAS (ug/l)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9		ND		0.0061	0.000427	ND		0.0059	0.000413
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4		ND		0.0061	0.00117	ND		0.0059	0.00113
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4		ND		0.0061	0.000869	ND		0.0059	0.000841
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2		ND		0.0061	0.00459	ND		0.0059	0.00444
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3		ND		0.0381	0.00405	ND		0.0369	0.00393
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4		ND		0.0381	0.00303	ND		0.0369	0.00294
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5		ND		0.00762	0.000511	ND		0.00738	0.000494
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4		ND		0.0061	0.000358	ND		0.0059	0.000347
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1		ND		0.0061	0.000419	ND		0.0059	0.000406
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6		ND		0.0061	0.00152	ND		0.0059	0.00148
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2		ND		0.00152	0.000335	ND		0.00148	0.000325
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2		ND		0.0152	0.00105	ND		0.0148	0.00102
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6		ND		0.00152	0.000457	ND		0.00148	0.000443
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8		ND		0.00152	0.000213	ND		0.00148	0.000207
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7		ND		0.0152	0.00124	ND		0.0148	0.0012
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9		ND		0.00152	0.000457	ND		0.00148	0.000443
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		ND		0.00305	0.000518	ND		0.00295	0.000502
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7		ND		0.00305	0.000312	ND		0.00295	0.000303
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		ND		0.00305	0.000236	ND		0.00295	0.000229
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		ND		0.00305	0.000343	ND		0.00295	0.000332
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		0.00679		0.00152	0.000381	0.0052		0.00148	0.000369
Perfluorobutanoic Acid (PFBA)	375-22-4		0.0231		0.0061	0.000503	0.00184	J	0.0059	0.000487
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		ND		0.00152	0.00013	ND		0.00148	0.000125
Perfluorodecanoic Acid (PFDA)	335-76-2		0.000739	J	0.00152	0.000198	0.000214	J	0.00148	0.000192
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		ND		0.00152	0.000229	ND		0.00148	0.000221
Perfluorododecanoic Acid (PFDoA)	307-55-1		ND		0.00152	0.000206	ND		0.00148	0.000199
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		ND		0.00152	0.00019	0.000288	J	0.00148	0.000184
Perfluoroheptanoic Acid (PFHpA)	375-85-9		0.0125	F	0.00152	0.000229	ND		0.00148	0.000221
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		0.000983	J	0.00152	0.00013	0.00191		0.00148	0.000125
Perfluorohexanoic Acid (PFHxA)	307-24-4		0.0464		0.00152	0.000236	0.000288	J	0.00148	0.000229
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		ND		0.00152	0.00019	ND		0.00148	0.000184
Perfluorononanoic Acid (PFNA)	375-95-1		0.00515		0.00152	0.000252	0.00143	J	0.00148	0.000244
Perfluorooctanesulfonamide (PFOSA)	754-91-6		ND		0.00152	0.000091	ND		0.00148	0.000089
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	**0.028**		0.00152	0.000252	**0.019**		0.00148	0.000244
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	**0.0482**		0.00152	0.000252	0.00186		0.00148	0.000244
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		0.00032	J	0.00152	0.000198	0.000303	J	0.00148	0.000192
Perfluoropentanoic Acid (PFPeA)	2706-90-3		0.0624		0.00305	0.000343	ND		0.00295	0.000332
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		ND		0.00152	0.000152	ND		0.00148	0.000148
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		ND		0.00152	0.000175	ND		0.00148	0.00017
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		ND		0.00152	0.000168	ND		0.00148	0.000162
PFOA/PFOS, Total			-		-	-	-		-	-
SVOCs (ug/l)										
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ND		10	0.24	ND		10	0.24
1,2,4-Trichlorobenzene	120-82-1	5	ND		5	0.98	ND		5	0.98
1,2-Dichlorobenzene	95-50-1	3	ND		2	0.33	ND		2	0.33
1,3-Dichlorobenzene	541-73-1	3	ND		2	0.32	ND		2	0.32
1,4-Dichlorobenzene	106-46-7	3	ND		2	0.39	ND		2	0.39
2,4,5-Trichlorophenol	95-95-4		ND		5	2.1	ND		5	2.1
2,4,6-Trichlorophenol	88-06-2		ND		5	2.1	ND		5	2.1
2,4-Dichlorophenol	120-83-2	1	ND		5	1.7	ND		5	1.7
2,4-Dimethylphenol	105-67-9	50	ND		5	2	ND		5	2
2,4-Dinitrophenol	51-28-5	10	ND		20	5.4	ND		20	5.4
2,4-Dinitrotoluene	121-14-2	5	ND		5	0.54	ND		5	0.54
2,6-Dinitrotoluene	606-20-2	5	ND		5	0.84	ND		5	0.84
2-Chlorophenol	95-57-8		ND		2	0.65	ND		2	0.65
2-Methylphenol	95-48-7		ND		5	2.3	ND		5	2.3
2-Nitroaniline	88-74-4	5	ND		5	1	ND		5	1
2-Nitrophenol	88-75-5		ND		10	2	ND		10	2
3,3'-Dichlorobenzidine	91-94-1	5	ND		5	1.8	ND		5	1.8
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ND		5	1.4	ND		5	1.4
3-Nitroaniline	99-09-2	5	ND		5	1.2	ND		5	1.2
4,6-Dinitro-o-cresol	534-52-1		ND		10	2.3	ND		10	2.3
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.24	ND		2	0.24
4-Chloroaniline	106-47-8	5	ND		5	0.47	ND		5	0.47
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.39	ND		2	0.39
4-Nitroaniline	100-01-6	5	ND		5	1.4	ND		5	1.4
4-Nitrophenol	100-02-7		ND		10	1.4	ND		10	1.4
Acetophenone	98-86-2		ND		5	0.92	ND		5	0.92
Benzoic Acid	65-85-0		ND		50	2.6	ND		50	2.6
Benzyl Alcohol	100-51-6		ND		2	0.38	ND		2	0.38
Biphenyl	92-52-4		ND		2	0.2	ND		2	0.2
Bis(2-chloroethoxy)methane	111-91-1	5	ND		5	0.84	ND		5	0.84
Bis(2-chloroethyl)ether	111-44-4	1	ND		2	0.39	ND		2	0.39
Bis(2-chloroisopropyl)ether	108-60-1	5	ND		2	0.4	ND		2	0.4
Bis(2-ethylhexyl)phthalate	117-81-7	5	ND		3	1.4	2	J	3	1.4

Table 2.4
Summary of Groundwater Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:			TW-1				TW-2			
LAB ID:			L2506138-11				L2506138-10			
COLLECTION DATE:			2/4/2025				2/4/2025			
SAMPLE MATRIX:			WATER				WATER			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Butyl benzyl phthalate	85-68-7	50	ND		5	2.6	ND		5	2.6
Carbazole	86-74-8		ND		2	0.31	ND		2	0.31
Di-n-butylphthalate	84-74-2	50	ND		5	0.96	ND		5	0.96
Di-n-octylphthalate	117-84-0	50	ND		5	2.3	ND		5	2.3
Dibenzofuran	132-64-9		ND		2	0.4	ND		2	0.4
Diethyl phthalate	84-66-2	50	ND		5	0.76	ND		5	0.76
Dimethyl phthalate	131-11-3	50	ND		5	0.92	ND		5	0.92
Hexachlorocyclopentadiene	77-47-4	5	ND		20	1.2	ND		20	1.2
Isophorone	78-59-1	50	ND		5	0.86	ND		5	0.86
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.91	ND		5	0.91
NDPA/DPA	86-30-6	50	ND		2	0.92	ND		2	0.92
Nitrobenzene	98-95-3	0.4	ND		2	0.2	ND		2	0.2
p-Chloro-m-cresol	59-50-7		ND		2	0.61	ND		2	0.61
Phenol	108-95-2	1	**2.4**	J	5	0.35	ND		5	0.35
Total SVOCs			2.4	-	-	-	2	-	-	-
SVOCs (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	0.03	0.07	J	0.1	0.03
Acenaphthene	83-32-9	20	ND		0.1	0.02	ND		0.1	0.02
Acenaphthylene	208-96-8		ND		0.1	0.02	ND		0.1	0.02
Anthracene	120-12-7	50	0.07	J	0.1	0.02	ND		0.1	0.02
Benzo(a)anthracene	56-55-3	0.002	ND		0.1	0.03	ND		0.1	0.03
Benzo(a)pyrene	50-32-8	0	**0.03**	J	0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.002	**0.04**	J	0.1	0.03	ND		0.1	0.03
Benzo(ghi)perylene	191-24-2		ND		0.1	0.02	ND		0.1	0.02
Benzo(k)fluoranthene	207-08-9	0.002	ND		0.1	0.03	ND		0.1	0.03
Chrysene	218-01-9	0.002	ND		0.1	0.03	ND		0.1	0.03
Dibenzo(a,h)anthracene	53-70-3		ND		0.1	0.02	ND		0.1	0.02
Fluoranthene	206-44-0	50	0.09	J	0.1	0.03	ND		0.1	0.03
Fluorene	86-73-7	50	0.05	J	0.1	0.03	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	0.02	ND		0.5	0.02
Hexachloroethane	67-72-1	5	ND		0.8	0.02	ND		0.8	0.02
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ND		0.1	0.02	ND		0.1	0.02
Naphthalene	91-20-3	10	0.09	J	0.1	0.02	0.03	J	0.1	0.02
Pentachlorophenol	87-86-5	1	ND		0.8	0.06	ND		0.8	0.06
Phenanthrene	85-01-8	50	0.17		0.1	0.04	ND		0.1	0.04
Pyrene	129-00-0	50	0.08	J	0.1	0.04	ND		0.1	0.04
Total SVOCs			0.62	-	-	-	0.1	-	-	-
Pesticides (ug/l)										
4,4'-DDD	72-54-8	0.3	ND		0.029	0.01	ND		0.029	0.01
4,4'-DDE	72-55-9	0.2	ND		0.029	0.01	ND		0.029	0.01
4,4'-DDT	50-29-3	0.2	ND		0.029	0.013	ND		0.029	0.013
Aldrin	309-00-2	0	ND		0.014	0.005	ND		0.014	0.005
Alpha-BHC	319-84-6	0.01	ND		0.014	0.005	ND		0.014	0.005
Beta-BHC	319-85-7	0.04	ND		0.02	0.014	ND		0.02	0.014
Chlordane	57-74-9	0.05	ND		0.143	0.098	ND		0.143	0.098
cis-Chlordane	5103-71-9		ND		0.02	0.007	ND		0.02	0.007
Delta-BHC	319-86-8	0.04	ND		0.014	0.006	ND		0.014	0.006
Dieldrin	60-57-1	0.004	ND		0.029	0.004	ND		0.029	0.004
Endosulfan I	959-98-8		ND		0.014	0.005	ND		0.014	0.005
Endosulfan II	33213-65-9		ND		0.029	0.008	ND		0.029	0.008
Endosulfan sulfate	1031-07-8		ND		0.029	0.007	ND		0.029	0.007
Endrin	72-20-8	0	ND		0.029	0.008	ND		0.029	0.008
Endrin aldehyde	7421-93-4	5	ND		0.03	0.018	ND		0.03	0.018
Endrin ketone	53494-70-5	5	ND		0.029	0.014	ND		0.029	0.014
Heptachlor	76-44-8	0.04	ND		0.014	0.005	ND		0.014	0.005
Heptachlor epoxide	1024-57-3	0.03	ND		0.014	0.005	ND		0.014	0.005
Lindane	58-89-9	0.05	ND		0.014	0.005	ND		0.014	0.005
Methoxychlor	72-43-5	35	ND		0.143	0.014	ND		0.143	0.014
Toxaphene	8001-35-2	0.06	ND		0.2	0.094	ND		0.2	0.094
trans-Chlordane	5103-74-2		ND		0.02	0.011	ND		0.02	0.011
PCBs (ug/l)										
Aroclor 1016	12674-11-2	0.09	ND		0.071	0.013	ND		0.071	0.013
Aroclor 1221	11104-28-2	0.09	ND		0.071	0.015	ND		0.071	0.015
Aroclor 1232	11141-16-5	0.09	ND		0.071	0.015	ND		0.071	0.015
Aroclor 1242	53469-21-9	0.09	ND		0.071	0.015	ND		0.071	0.015
Aroclor 1248	12672-29-6	0.09	ND		0.071	0.015	ND		0.071	0.015
Aroclor 1254	11097-69-1	0.09	ND		0.071	0.015	ND		0.071	0.015
Aroclor 1260	11096-82-5	0.09	ND		0.071	0.015	ND		0.071	0.015
Aroclor 1262	37324-23-5	0.09	ND		0.071	0.015	ND		0.071	0.015
Aroclor 1268	11100-14-4	0.09	ND		0.071	0.015	ND		0.071	0.015
PCBs, Total	1336-36-3		ND		0.071	0.013	ND		0.071	0.013
Metals (ug/l)										
Aluminum, Total	7429-90-5		1550		10	3.27	28800		10	3.27
Antimony, Total	7440-36-0	3	ND		4	0.42	ND		4	0.42
Arsenic, Total	7440-38-2	25	0.56		0.5	0.16	0.65		0.5	0.16
Barium, Total	7440-39-3	1000	85.26		0.5	0.17	885.2		0.5	0.17

Table 2.4
Summary of Groundwater Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:			TW-1				TW-2			
LAB ID:			L2506138-11				L2506138-10			
COLLECTION DATE:			2/4/2025				2/4/2025			
SAMPLE MATRIX:			WATER				WATER			
ANALYTE	CAS	NY-AWQS	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Beryllium, Total	7440-41-7	3	ND		0.5	0.1	**5.24**		0.5	0.1
Cadmium, Total	7440-43-9	5	ND		0.2	0.05	0.42		0.2	0.05
Calcium, Total	7440-70-2		62100		200	39.4	104000		200	39.4
Chromium, Total	7440-47-3	50	5.64		1	0.17	**82.19**		1	0.17
Cobalt, Total	7440-48-4		3.59		0.5	0.16	38.52		0.5	0.16
Copper, Total	7440-50-8	200	5.77		1	0.38	50.19		1	0.38
Iron, Total	7439-89-6	300	**2770**		50	19.1	**62600**		50	19.1
Lead, Total	7439-92-1	25	5.09		1	0.34	11.48		1	0.34
Magnesium, Total	7439-95-4	35000	14000		70	24.2	**59200**		70	24.2
Manganese, Total	7439-96-5	300	**425.5**		1	0.44	**8877**		1	0.44
Mercury, Total	7439-97-6	0.7	ND		0.2	0.09	ND		0.2	0.09
Nickel, Total	7440-02-0	100	7.19		2	0.55	**109.1**		2	0.55
Potassium, Total	7440-09-7		6260		100	30.9	24800		100	30.9
Selenium, Total	7782-49-2	10	3.09	J	5	1.73	**45.4**		5	1.73
Silver, Total	7440-22-4	50	ND		0.4	0.16	0.31	J	0.4	0.16
Sodium, Total	7440-23-5	20000	16300		500	29.3	**35500**		500	29.3
Thallium, Total	7440-28-0	0.5	ND		1	0.14	**0.64**	J	1	0.14
Vanadium, Total	7440-62-2		5.33		5	1.57	84.69		5	1.57
Zinc, Total	7440-66-6	2000	8.89	J	10	3.41	203.4		10	3.41
General Chemistry										
Cyanide, Total	57-12-5	200	ND		5	1	ND		5	1

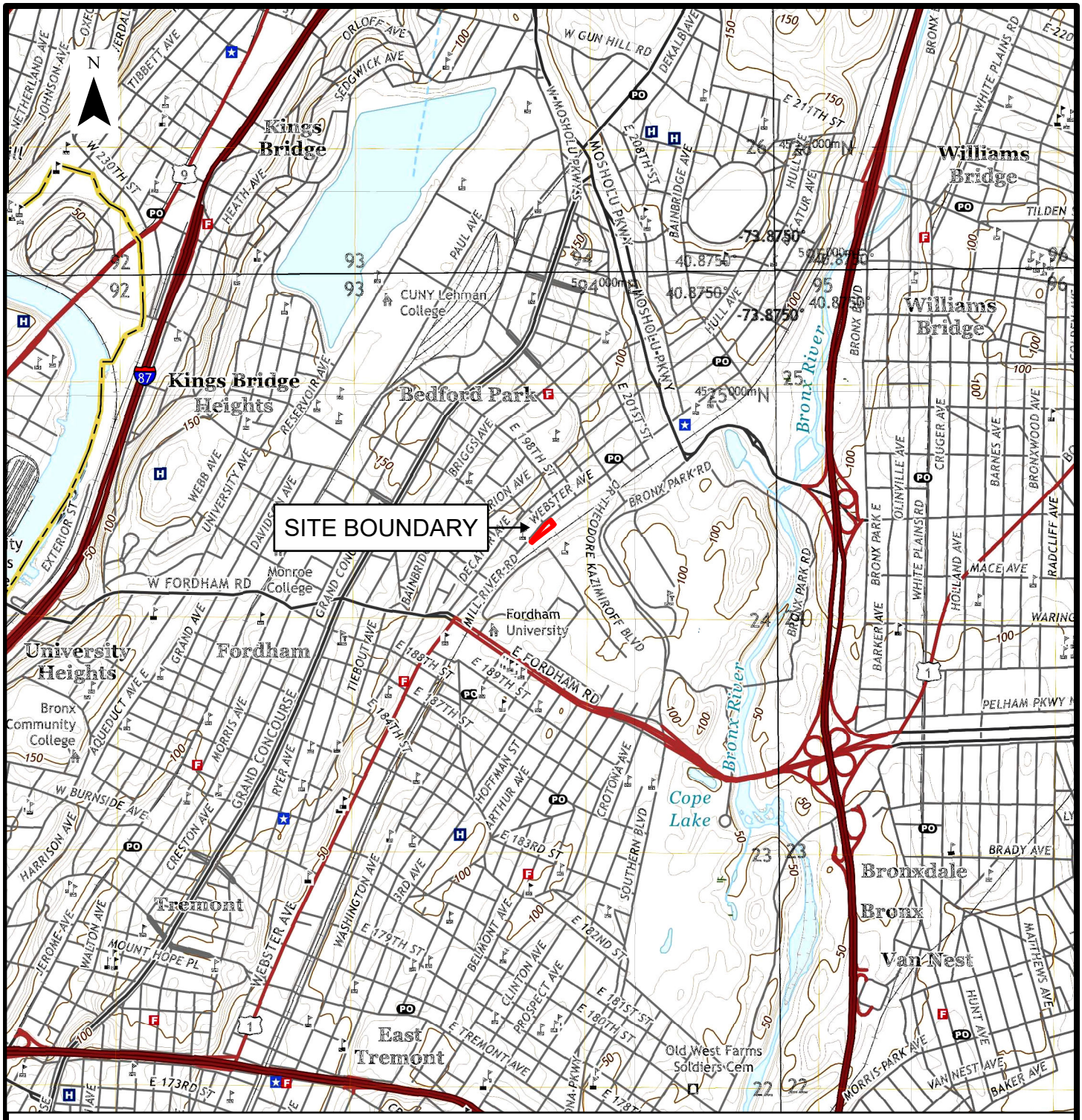
Notes
ug/L: Micrograms per liter
Q: Sample qualifier
ND: Analyte was not detected
J: Estimated value
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.
Exceedance of NYSDEC AWQS

Table 2.6
Summary of Soil Vapor Analytical Results
2740-2742 Webster Avenue, Bronx, NY
SESI Project 13581B

SAMPLE ID:								SV-4	
LAB ID:								L2433175-04	
COLLECTION DATE:								6/12/2024	
SAMPLE MATRIX:								SOIL VAPOR	
ANALYTE	CAS	NY-SSC-A	NY-SSC-B	NY-SSC-C	NY-SSC-D	NY-SSC-E	NY-SSC-F	Conc	RL
VOCs (ug/m^3)									
1,1,1-Trichloroethane	71-55-6		100					ND	3.21
1,1,2,2-Tetrachloroethane	79-34-5							ND	4.04
1,1,2-Trichloroethane	79-00-5							ND	3.21
1,1-Dichloroethane	75-34-3							ND	2.38
1,1-Dichloroethene	75-35-4	6						ND	2.33
1,2,4-Trichlorobenzene	120-82-1							ND	4.36
1,2,4-Trimethylbenzene	95-63-6				60			**944**	2.89
1,2-Dibromoethane	106-93-4							ND	4.52
1,2-Dichlorobenzene	95-50-1							ND	3.54
1,2-Dichloroethane	107-06-2							ND	2.38
1,2-Dichloropropane	78-87-5							ND	2.72
1,3,5-Trimethylbenzene	108-67-8				60			**423**	2.89
1,3-Butadiene	106-99-0							17.9	1.3
1,3-Dichlorobenzene	541-73-1							ND	3.54
1,4-Dichlorobenzene	106-46-7							ND	3.54
1,4-Dioxane	123-91-1							ND	2.12
2,2,4-Trimethylpentane	540-84-1				60			8.87	2.75
2-Butanone	78-93-3							64.3	4.34
2-Hexanone	591-78-6							ND	2.41
3-Chloropropene	107-05-1							ND	1.84
4-Ethyltoluene	622-96-8							394	2.89
4-Methyl-2-pentanone	108-10-1							18.5	6.02
Acetone	67-64-1							108	6.98
Benzene	71-43-2				60			11.8	1.88
Benzyl chloride	100-44-7							ND	3.04
Bromodichloromethane	75-27-4							ND	3.94
Bromoform	75-25-2							ND	6.08
Bromomethane	74-83-9							ND	2.28
Carbon disulfide	75-15-0							49.5	1.83
Carbon tetrachloride	56-23-5	6						**26**	3.7
Chlorobenzene	108-90-7							ND	2.71
Chloroethane	75-00-3							ND	1.55
Chloroform	67-66-3							9.03	2.87
Chloromethane	74-87-3							ND	1.21
cis-1,2-Dichloroethene	156-59-2	6						ND	2.33
cis-1,3-Dichloropropene	10061-01-5							ND	2.67
Cyclohexane	110-82-7				60			30.4	2.02
Dibromochloromethane	124-48-1							ND	5.01
Dichlorodifluoromethane	75-71-8							4.11	2.91
Ethanol	64-17-5							ND	27.7
Ethyl Acetate	141-78-6							ND	5.3
Ethylbenzene	100-41-4				60			23.4	2.55
Freon-113	76-13-1							ND	4.51
Freon-114	76-14-2							ND	4.11
Heptane	142-82-5					200		80.3	2.41
Hexachlorobutadiene	87-68-3							ND	6.27
Isopropanol	67-63-0							ND	3.61
Methyl tert butyl ether	1634-04-4							ND	2.12
Methylene chloride	75-09-2		100					ND	5.11
n-Hexane	110-54-3					200		55.3	2.07
Naphthalene	91-20-3				60			**60.3**	3.08
o-Xylene	95-47-6				60			**102**	2.55
p/m-Xylene	179601-23-1					200		106	5.13
Styrene	100-42-5							ND	2.5
Tertiary butyl Alcohol	75-65-0							25.8	4.46
Tetrachloroethene	127-18-4		100					23	3.99
Tetrahydrofuran	109-99-9							ND	4.34
Toluene	108-88-3						300	37.2	2.22
trans-1,2-Dichloroethene	156-60-5							ND	2.33
trans-1,3-Dichloropropene	10061-02-6							ND	2.67
Trichloroethene	79-01-6	6						3.83	3.16
Trichlorofluoromethane	75-69-4							158	3.3
Vinyl bromide	593-60-2							ND	2.57
Vinyl chloride	75-01-4			6				ND	1.5

Notes
ND: Not detected.
ug/m^3: Micrograms per cubic meter
Bold: Elevated Concentration
Action Required by NYSDOH Decision Matrix
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)
CENTRAL PARK, NY USGS QUADRANGLE - 2019

LEGEND:

SITE BOUNDARY

SCALE: 1" = 2,000'

0 1,000 2,000 4,000 FEET

2742 WEBSTER AVENUE
BRONX, NEW YORK

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:	AR
SCALE:	AS NOTED
DATE:	6/26/2025
JOB NO:	13581B

Y:\GIS\Project_Numbers\13581\APRX_PROJECT\APRX_Phase1_Prj_No.aprx, 6/26/2025 8:24 AM, Kim Vanderklein, LAYOUT: FIG-3.1

REFERENCE:

NEW YORK STATE, MAXAR; NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES - GIS PROGRAM OFFICE, NYS DEPT OF TAXATION AND FINANCE'S OFFICE OF REAL PROPERTY TAX SERVICES

LEGEND:

SITE BOUNDARY

INTERNAL LOT BOUNDARIES

SCALE: 1" = 100'

0 50 100 200 FEET

2740-2742 WEBSTER AVENUE
BRONX, NEW YORK

SITE PLAN

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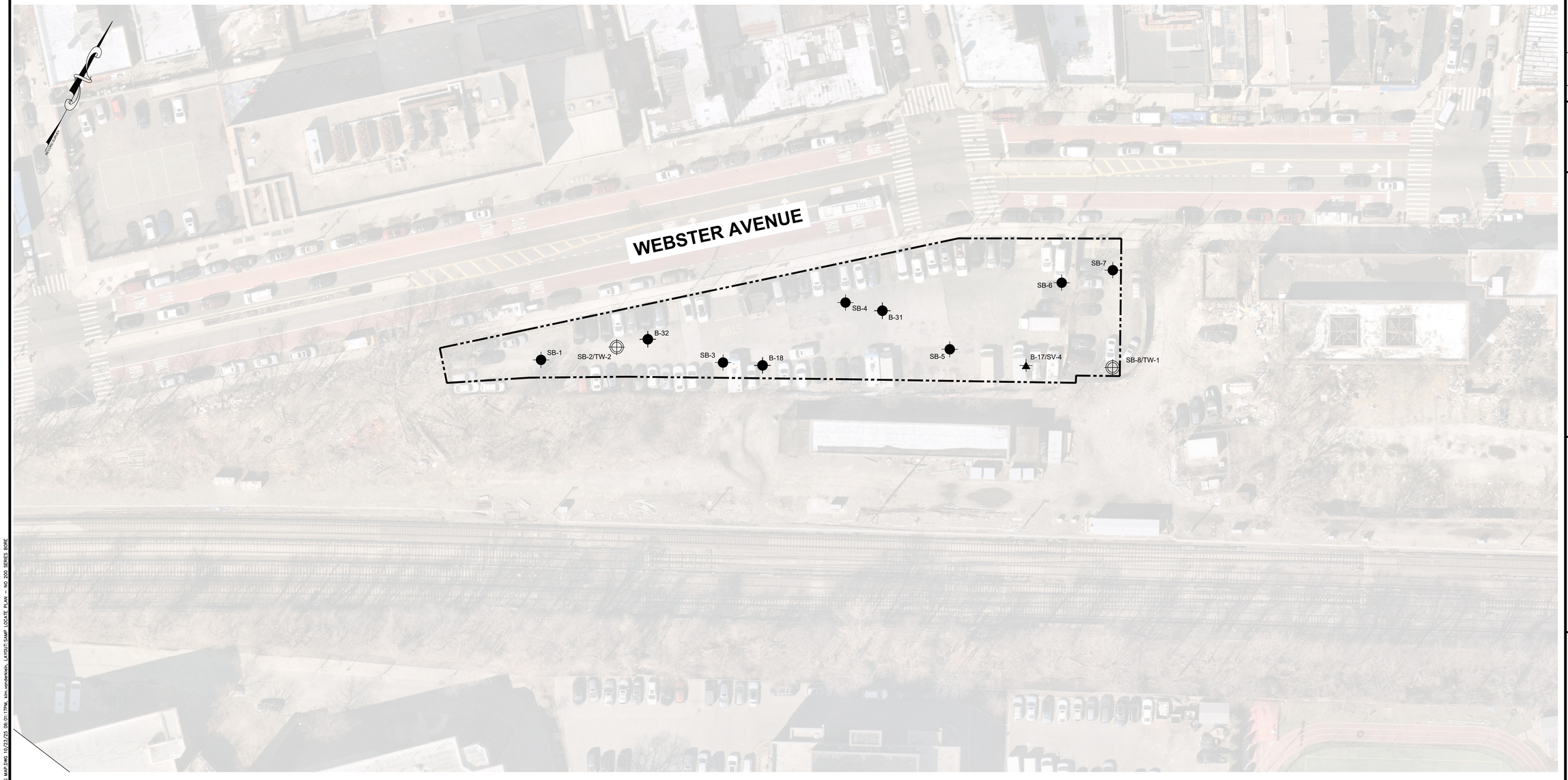
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

FIG-1.2	
DRAWN BY:	KBV
CHECKED BY:	AR
SCALE:	AS NOTED
DATE:	10/22/2025
JOB NO.:	13581B

Y:\GIS\Project_Numbers\13581\APRX_PROJECT\APRX_Phase1_Prj_No.aprx, 10/22/2025 9:37 AM, Kim Vanderklein, LAYOUT: FIG-1.2



LEGEND:

- SITE BOUNDARY
- B-17/SV-4 - SOIL BORING/SOIL VAPOR NUMBER & APPROX. LOCATION
- SB-8/TW-1 - SOIL BORING/TEMPORARY WELL NUMBER & APPROX. LOCATION
- SB-1 - BORING NUMBER & APPROX. LOCATION

NOTE:

1. THIS PLAN IS FOR LOCATING BORINGS AND ASSOCIATED DATA ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

REFERENCE:

1. EXISTING CONDITIONS & BOUNDARY ARE TAKEN FROM "A.L.T.A./N.S.P.S. LAND TITLE SURVEY" FOR 2740 WEBSTE AVENUE AND 2768 WEBSTER AVENUE, PREPARED BY EMPIRE STATE LAND SURVEYOR, P.C., DATED MARCH 5, 2021.
2. NEARMAP AERIAL, MARCH 8, 2024.

Scale: 1"= 30'

0 15 30 60 90 120

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.

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rev	date	description	by

dwg by: KBV
chk by: AR
scale: AS NOTED
date: 10/22/2025

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959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

2740-2742 WEBSTER AVENUE
BRONX, NEW YORK

title: SAMPLE LOCATION PLAN

job no. 13581B
drawing no.

FIG 2.1

N:\PROJECTS\13581B\CAD\ENVIRONMENTAL\PHASE II\13581B DWG PHASE II SOIL RESULTS MAP.DWG 10/23/25 08:01:17PM, tom.vanderlaan, LAYOUT: SAMP. LOCATE PLAN - NO 200 SERIES BORE

SAMPLE ID:	SB-3 (3-3.5)	
COLLECTION DATE:	2/4/2025	
SAMPLE DEPTH (FBGS):	3.0-3.5	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
SVOCs (mg/kg)		
Benzo(a)anthracene	6.9	
Benzo(a)pyrene	7	
Benzo(b)fluoranthene	11	
Benzo(k)fluoranthene	3.3	
Chrysene	9.4	
Dibenzo(a,h)anthracene	1.8	
Indeno(1,2,3-cd)pyrene	4.9	
Pesticides (mg/kg)		
4,4'-DDE	0.0152	
4,4'-DDT	0.00428	
Dieldrin	0.00514	
Metals (mg/kg)		
Lead, Total	200	
Mercury, Total	0.219	
Zinc, Total	221	

SAMPLE ID:	SB-1 (0.5-1)	
COLLECTION DATE:	2/4/2025	
SAMPLE DEPTH (FBGS):	0.5-1.0	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
Metals (mg/kg)		
Lead, Total	91.9	

SAMPLE ID:	SB-2 (9.5-10)	
COLLECTION DATE:	2/4/2025	
SAMPLE DEPTH (FBGS):	9.5-10.0	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
Pesticides (mg/kg)		
4,4'-DDE	0.0116	P
4,4'-DDT	0.00453	P
Metals (mg/kg)		
Lead, Total	65.2	

SAMPLE ID:	SB-4 (1-1.5)	
COLLECTION DATE:	2/4/2025	
SAMPLE DEPTH (FBGS):	1.0-1.5	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
Metals (mg/kg)		
Copper, Total	104	
Lead, Total	136	
Zinc, Total	667	

SAMPLE ID:	SB-6 (5-5.5)	
COLLECTION DATE:	2/4/2025	
SAMPLE DEPTH (FBGS):	5.0-5.5	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
PFAS (ug/kg)		
Perfluorooctanoic Acid (PFOA)	0.732	
SVOCs (mg/kg)		
Benzo(a)anthracene	4.6	
Benzo(a)pyrene	3.8	
Benzo(b)fluoranthene	4.3	
Benzo(k)fluoranthene	1.9	
Chrysene	4.2	
Dibenzo(a,h)anthracene	0.57	
Indeno(1,2,3-cd)pyrene	2.1	
Metals (mg/kg)		
Lead, Total	420	

SAMPLE ID:	SB-7 (4.5-5)	
COLLECTION DATE:	2/4/2025	
SAMPLE DEPTH (FBGS):	4.5-5.0	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
SVOCs (mg/kg)		
Benzo(a)anthracene	1.6	
Benzo(a)pyrene	1.5	
Benzo(b)fluoranthene	1.9	
Chrysene	1.7	
Indeno(1,2,3-cd)pyrene	0.95	
Pesticides (mg/kg)		
4,4'-DDE	0.00402	
4,4'-DDT	0.00621	
Dieldrin	ND	
Metals (mg/kg)		
Lead, Total	127	
Mercury, Total	0.186	
Zinc, Total	186	

WEBSTER AVENUE

SB-1 SB-2/TW-2 B-32 SB-3 B-18 SB-4 B-31 SB-5 B-17/SV-4 SB-6 SB-7 SB-8/TW-1

SAMPLE ID:	B-32 (1.5-2)
COLLECTION DATE:	6/14/2024
SAMPLE DEPTH (FBGS):	1.5-2.0
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	SB-5 (8-8.5)
COLLECTION DATE:	2/4/2025
SAMPLE DEPTH (FBGS):	9.0-8.5
ANALYTE	Conc Q
No Exceedances	

SAMPLE ID:	B-18 (4-4.5)	
COLLECTION DATE:	6/12/2024	
SAMPLE DEPTH (FBGS):	4.0-4.5	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
VOCs (mg/kg)		
Acetone	0.075	
Pesticides (mg/kg)		
Metals (mg/kg)		
Lead, Total	111	
Mercury, Total	0.315	

SAMPLE ID:	B-31 (3.5-4)	
COLLECTION DATE:	6/14/2024	
SAMPLE DEPTH (FBGS):	3.5-4.0	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
Pesticides (mg/kg)		
4,4'-DDE	0.00409	

SAMPLE ID:	B-17 (3-3.5)	
COLLECTION DATE:	6/12/2024	
SAMPLE DEPTH (FBGS):	3.0-3.5	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
VOCs (mg/kg)		
Acetone	0.18	
Metals (mg/kg)		
Lead, Total	126	
Zinc, Total	116	

SAMPLE ID:	SB-8 (6.5-7)	
COLLECTION DATE:	2/4/2025	
SAMPLE DEPTH (FBGS):	6.5-7.0	
SAMPLE MATRIX:		
ANALYTE	Conc	Q
SVOCs (mg/kg)		
Benzo(a)anthracene	1.5	
Benzo(a)pyrene	1.7	
Benzo(b)fluoranthene	2.1	
Chrysene	1.6	
Indeno(1,2,3-cd)pyrene	1.1	
Metals (mg/kg)		
Copper, Total	154	
Lead, Total	193	
Mercury, Total	0.608	
Zinc, Total	109	

ANALYTE	USCO	RSCO	RRSCO	CSCO	ISCO	PGWSCO
VOCs (mg/kg)						
Acetone	0.05	100	100	500	1000	0.05
PFAS (ug/kg)						
Perfluorooctanoic Acid (PFOA)	0.66	6.6	33	500	600	
SVOCs (mg/kg)						
Benzo(a)anthracene	1	1	1	5.6	11	1
Benzo(a)pyrene	1	1	1	1	1.1	22
Benzo(b)fluoranthene	1	1	1	5.6	11	1.7
Benzo(k)fluoranthene	0.8	1	3.9	56	110	1.7
Chrysene	1	1	3.9	56	110	1
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	1000
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	8.2
Pesticides (mg/kg)						
4,4'-DDD	0.0033	2.6	13	92	180	14
4,4'-DDE	0.0033	1.8	8.9	62	120	17
4,4'-DDT	0.0033	1.7	7.9	47	94	136
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.1
Metals (mg/kg)						
Copper, Total	50	270	270	270	10000	1,720
Lead, Total	63	400	400	1000	3900	450
Mercury, Total	0.18	0.81	0.81	2.8	5.7	0.73
Nickel, Total	30	140	310	310	10000	130
Zinc, Total	109	2200	10000	10000	10000	2,480

Value Exceeds USCO.
Value Exceeds RSCO.
Value Exceeds RRSCO.
Value Exceeds CSCO.
Value Exceeds ISCO.
Value Exceeds PGWSCO.

Notes

ug/kg: Micrograms per kilogram
mg/kg: Milligrams per kilogram
J: Estimated
Q - Sample Qualifier
ND - Analyte w as not detected
P - The RPD betw een the results for the tw o columns exceeds the method-specific criteria
Highlighted: Exceedance of corresponding SCO
NY-USCO: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-ISCO: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-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.
NY-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.
NY-USCO: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-PGWSCO: New York NYCRR Part 375 Protection of Groundw ater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

LEGEND:

- SITE BOUNDARY
- B-17/SV-4 - SOIL BORING/SOIL VAPOR NUMBER & APPROX. LOCATION
- SB-8/TW-1 - SOIL BORING/TEMPORARY WELL NUMBER & APPROX. LOCATION
- SB-1 - BORING NUMBER & APPROX. LOCATION

REFERENCE:

1. EXISTING CONDITIONS & BOUNDARY ARE TAKEN FROM "A.L.T.A./N.S.P.S. LAND TITLE SURVEY" FOR 2740 WEBSTE AVENUE AND 2768 WEBSTER AVENUE, PREPARED BY EMPIRE STATE LAND SURVEYOR, P.C., DATED MARCH 5, 2021.
2. NEARMAP AERIAL, MARCH 8, 2024.

Scale: 1"= 30'
0 15 30 60 90 120

NYS Education Law
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rev	date	description	by

dwg by: KBV
chk by: AR
scale: AS NOTED
date: 11/06/2025

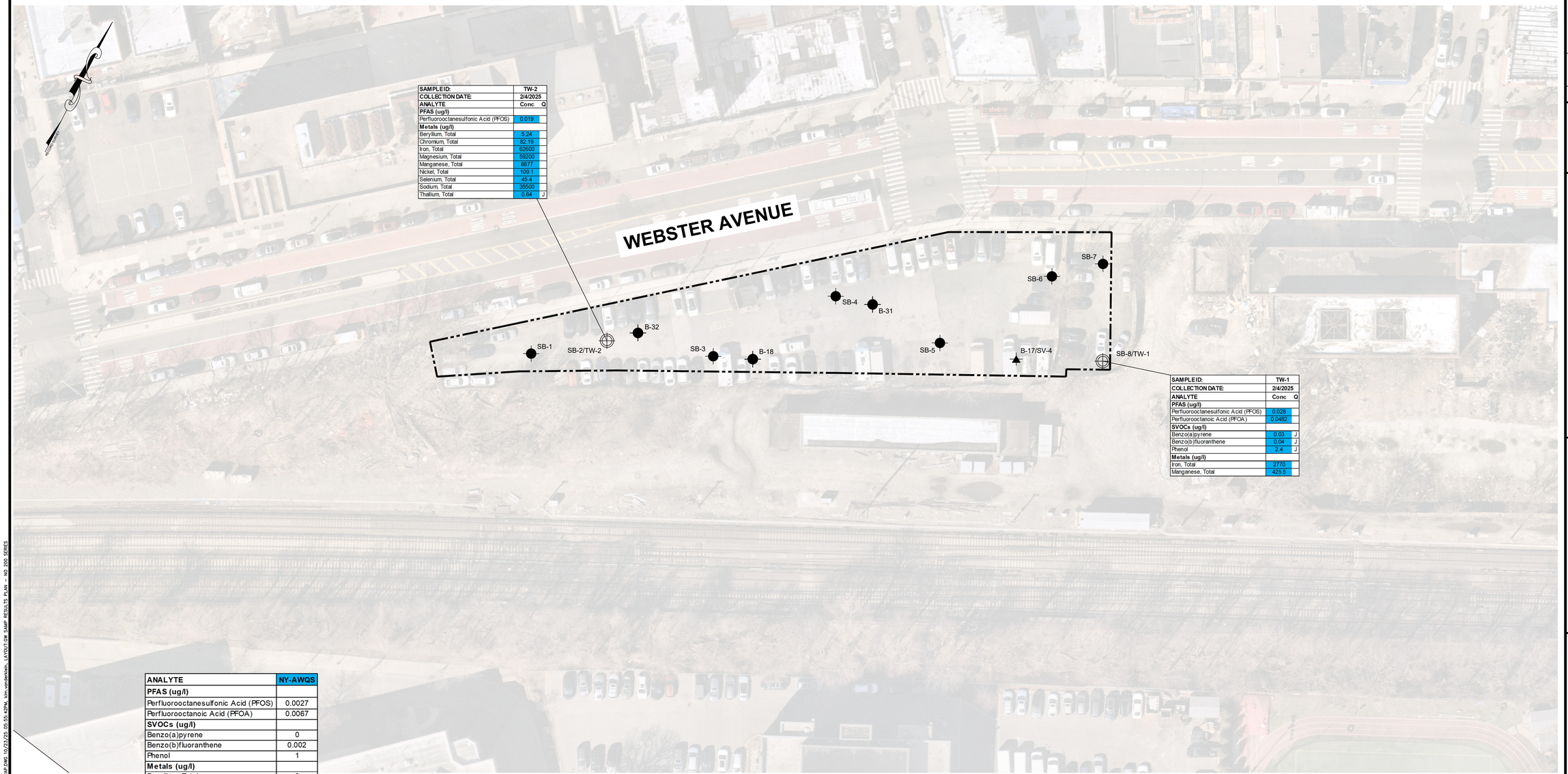
2740-2742 WEBSTER AVENUE
BRONX, NEW YORK

title: SOIL SAMPLE RESULTS PLAN

job no. 13581B
drawing no. FIG 2.2

1 of 1

N:\CAD\13581B\CAD\ENVIRONMENTAL\PHASE II\13581B.DWG PHASE II SOIL RESULTS MAP.DWG 11/07/25 09:54:41AM, kbrondesbeli, LAYOUT:SOIL SAMP. RESULTS PLAN – WITHOUT 200 SERIES



SAMPLE ID:	TW-2	
COLLECTION DATE:	2/4/2025	
ANALYTE	Conc	Q
PFAS (ug/l)		
Perfluorooctanesulfonic Acid (PFOS)	0.019	
Metals (ug/l)		
Beryllium, Total	5.24	
Chromium, Total	82.19	
Iron, Total	62600	
Magnesium, Total	59200	
Manganese, Total	8877	
Nickel, Total	109.1	
Selenium, Total	45.4	
Sodium, Total	35500	
Thallium, Total	0.64	J

SAMPLE ID:	TW-1	
COLLECTION DATE:	2/4/2025	
ANALYTE	Conc	Q
PFAS (ug/l)		
Perfluorooctanesulfonic Acid (PFOS)	0.026	
Perfluorooctanoic Acid (PFOA)	0.0482	
SVOCs (ug/l)		
Benzo(a)pyrene	0.03	J
Benzo(b)fluoranthene	0.04	J
Phenol	2.4	J
Metals (ug/l)		
Iron, Total	2770	
Manganese, Total	425.5	

ANALYTE	NY-AWQS
PFAS (ug/l)	
Perfluorooctanesulfonic Acid (PFOS)	0.0027
Perfluorooctanoic Acid (PFOA)	0.0067
SVOCs (ug/l)	
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Phenol	1
Metals (ug/l)	
Beryllium, Total	3
Chromium, Total	50
Iron, Total	300
Magnesium, Total	35000
Manganese, Total	300
Nickel, Total	100
Selenium, Total	10
Sodium, Total	20000
Thallium, Total	0.5

NOTE:

1. THIS PLAN IS FOR LOCATING BORINGS AND ASSOCIATED DATA ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
2. µg/L - MICROGRAMS PER LITER.
3. SVOCS - SEMI-VOLATILE ORGANIC COMPOUNDS.
4. NYSDEC- NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
5. PFAS - PER - AND POLYFLUOROALKYL SUBSTANCES.
6. NY-AWQS: NEW YORK TOGS 111 AMBIENT WATER QUALITY STANDARDS & GUIDANCE VALUES CRITERIA PER STANDARDS & GUIDANCE VALUES INCLUDING ALL ADDENDA THROUGH FEBRUARY 2023.
7. HIGHLIGHTED - EXCEEDANCE OF NYSDEC AWQS

REFERENCE:

1. EXISTING CONDITIONS & BOUNDARY ARE TAKEN FROM "A.L.T.A./N.S.P.S. LAND TITLE SURVEY" FOR 2740 WEBSTE AVENUE AND 2768 WEBSTER AVENUE, PREPARED BY EMPIRE STATE LAND SURVEYOR, P.C., DATED MARCH 5, 2021.
2. NEARMAP AERIAL, MARCH 8, 2024.

LEGEND:

- SITE BOUNDARY
- B-17/SV-4 - SOIL BORING/SOIL VAPOR NUMBER & APPROX. LOCATION
- SB-8/TW-1 - SOIL BORING/TEMPORARY WELL NUMBER & APPROX. LOCATION
- SB-1 - BORING NUMBER & APPROX. LOCATION

Scale: 1"= 30'

0 15 30 60 90 120

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N:\ACAD\13581B\CAD\ENVIRONMENTAL\PHASE II\13581BDWG\PHASE II SOIL RESULTS MAP.DWG 10/23/25 08:52:42PM, tom.vanderlan, LAYOUT:GW SAMP. RESULTS PLAN – NO 200 SERIES

rev	date	description	by

dwg by: KBV
chk by: AR
scale: AS NOTED
date: 10/22/2025

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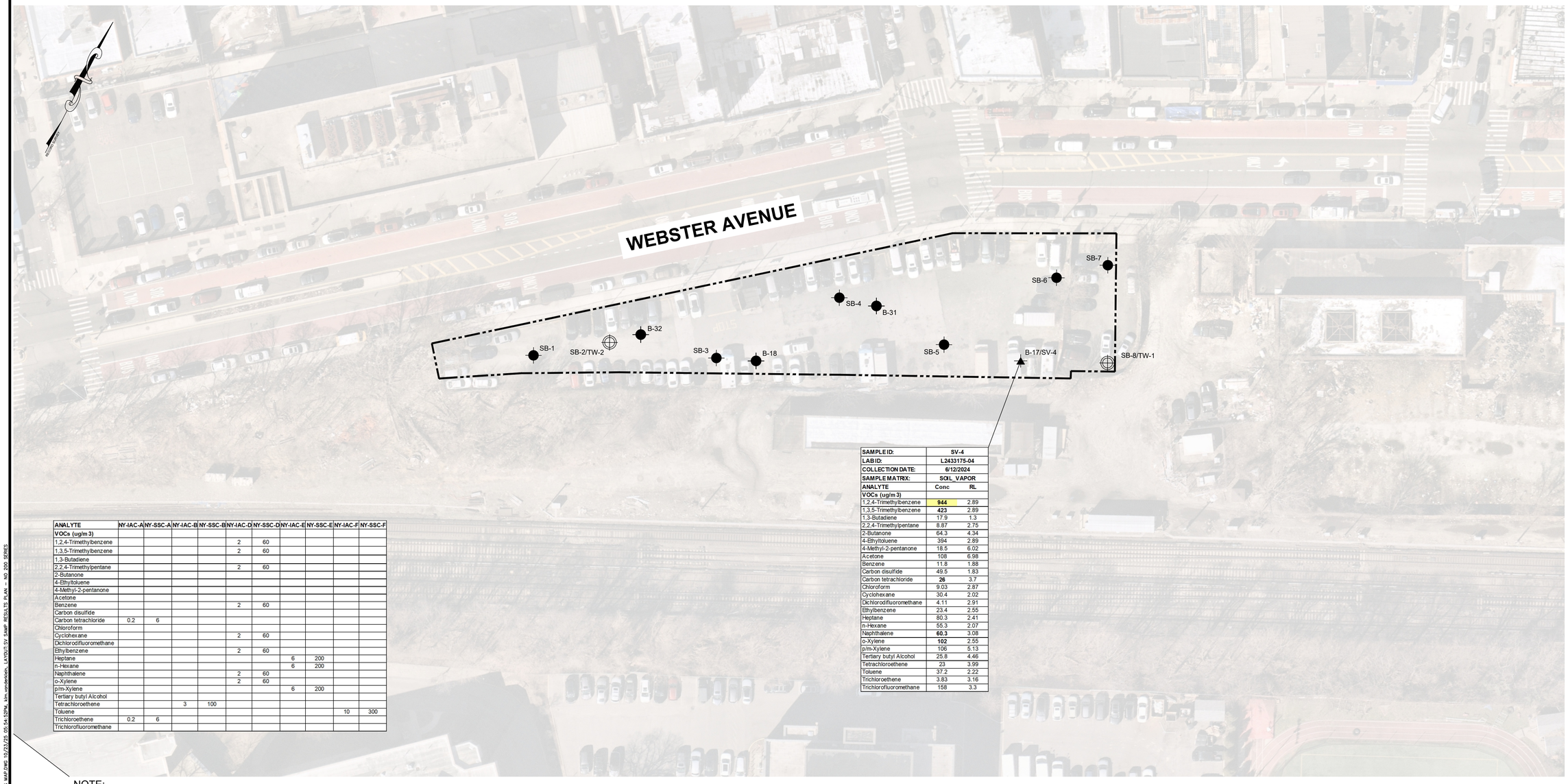
2740-2742 WEBSTER AVENUE
BRONX, NEW YORK

title: GROUNDWATER SAMPLE RESULTS PLAN

job no. 13581B
drawing no.

FIG 2.3



SAMPLE ID:	SV-4	
LAB ID:	L2433175-04	
COLLECTION DATE:	6/12/2024	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc	RL
VOCs (ug/m3)		
1,2,4-Trimethylbenzene	**944**	2.89
1,3,5-Trimethylbenzene	**423**	2.89
1,3-Butadiene	17.9	1.3
2,2,4-Trimethylpentane	8.87	2.75
2-Butanone	64.3	4.34
4-Ethyltoluene	394	2.89
4-Methyl-2-pentanone	18.5	6.02
Acetone	108	6.98
Benzene	11.8	1.88
Carbon disulfide	49.5	1.83
Carbon tetrachloride	**26**	3.7
Chloroform	9.03	2.87
Cyclohexane	30.4	2.02
Dichlorodifluoromethane	4.11	2.91
Ethylbenzene	23.4	2.55
Heptane	80.3	2.41
n-Hexane	55.3	2.07
Naphthalene	**60.3**	3.08
o-Xylene	**102**	2.55
p/m-Xylene	106	5.13
Tertiary butyl Alcohol	25.8	4.46
Tetrachloroethene	23	3.99
Toluene	37.2	2.22
Trichloroethene	3.83	3.16
Trichlorofluoromethane	158	3.3

ANALYTE	NY-IAC-A	NY-SSC-A	NY-IAC-B	NY-SSC-B	NY-IAC-D	NY-SSC-D	NY-IAC-E	NY-SSC-E	NY-IAC-F	NY-SSC-F
VOCs (ug/m3)										
1,2,4-Trimethylbenzene					2	60				
1,3,5-Trimethylbenzene					2	60				
1,3-Butadiene										
2,2,4-Trimethylpentane					2	60				
2-Butanone										
4-Ethyltoluene										
4-Methyl-2-pentanone										
Acetone										
Benzene					2	60				
Carbon disulfide										
Carbon tetrachloride	0.2	6								
Chloroform										
Cyclohexane					2	60				
Dichlorodifluoromethane										
Ethylbenzene					2	60				
Heptane							6	200		
n-Hexane							6	200		
Naphthalene					2	60				
o-Xylene					2	60				
p/m-Xylene							6	200		
Tertiary butyl Alcohol										
Tetrachloroethene			3	100						
Toluene									10	300
Trichloroethene	0.2	6								
Trichlorofluoromethane										

NOTE:

1. **BOLD:** ELEVATED CONCENTRATION
2. HIGHLIGHTED - ACTION REQUIRED BY NYSDOH DECISION MATRIX
3. 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.
4. 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.
5. NY-IAC-D: NEW YORK DOH MATRIX D INDOOR AIR CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION, FEBRUARY, 2024.
6. NY-IAC-E: NEW YORK DOH MATRIX E INDOOR AIR CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION, FEBRUARY, 2024.
7. NY-IAC-F: NEW YORK DOH MATRIX F INDOOR AIR CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION, FEBRUARY, 2024.
8. 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.
9. 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.
10. NY-SSC-D: NEW YORK DOH MATRIX D SUB-SLAB VAPOR CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION, FEBRUARY, 2024.
11. NY-SSC-E: NEW YORK DOH MATRIX E SUB-SLAB VAPOR CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION, FEBRUARY, 2024.
12. NY-SSC-F: NEW YORK DOH MATRIX F SUB-SLAB VAPOR CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION, FEBRUARY, 2024.

REFERENCE:

1. EXISTING CONDITIONS & BOUNDARY ARE TAKEN FROM "A.L.T.A./N.S.P.S. LAND TITLE SURVEY" FOR 2740 WEBSTE AVENUE AND 2768 WEBSTER AVENUE, PREPARED BY EMPIRE STATE LAND SURVEYOR, P.C., DATED MARCH 5, 2021.
2. NEARMAP AERIAL, MARCH 8, 2024.

LEGEND:

- PROPERTY BOUNDARY
- B32 - ENVIRONMENTAL AND GEOTECHNICAL BORING NUMBER & APPROX. LOCATION (2024)
- B18 - ENVIRONMENTAL BORING NUMBER & APPROX. LOCATION (2024)
- B-17/SV-4 - SOIL BORING/SOIL VAPOR NUMBER & APPROX. LOCATION (2024)
- SB-8/TW-1 - SOIL BORING/TEMPORARY WELL NUMBER & APPROX. LOCATION (2025)
- SB-1 - BORING NUMBER & APPROX. LOCATION (2025)

Scale: 1"= 30'

0 15 30 60 90 120

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.

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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

A:\CAD\13581B\CAD\ENVIRONMENTAL\PHASE II\13581B.DWG PHASE II SOIL RESULTS MAP.DWG 10/23/25 05:54:32PM, tim.vanderlaan, LAYOUT:SV SAMP RESULTS PLAN - NO 200 SERIES

rev	date	description	by

dwg by: KBV
chk by: AR
scale: AS NOTED
date: 10/22/2025

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

2740-2742 WEBSTER AVENUE
BRONX, NEW YORK

title: SOIL VAPOR SAMPLE RESULTS PLAN

job no. 13581B
drawing no.

FIG 2.4

Appendix A:

GPR Report

Geophysical Investigation and Utility Markout Report

SESI Consulting Engineering
02/04/2025
Bronx, New York

AGInc. Job. No. 1923989

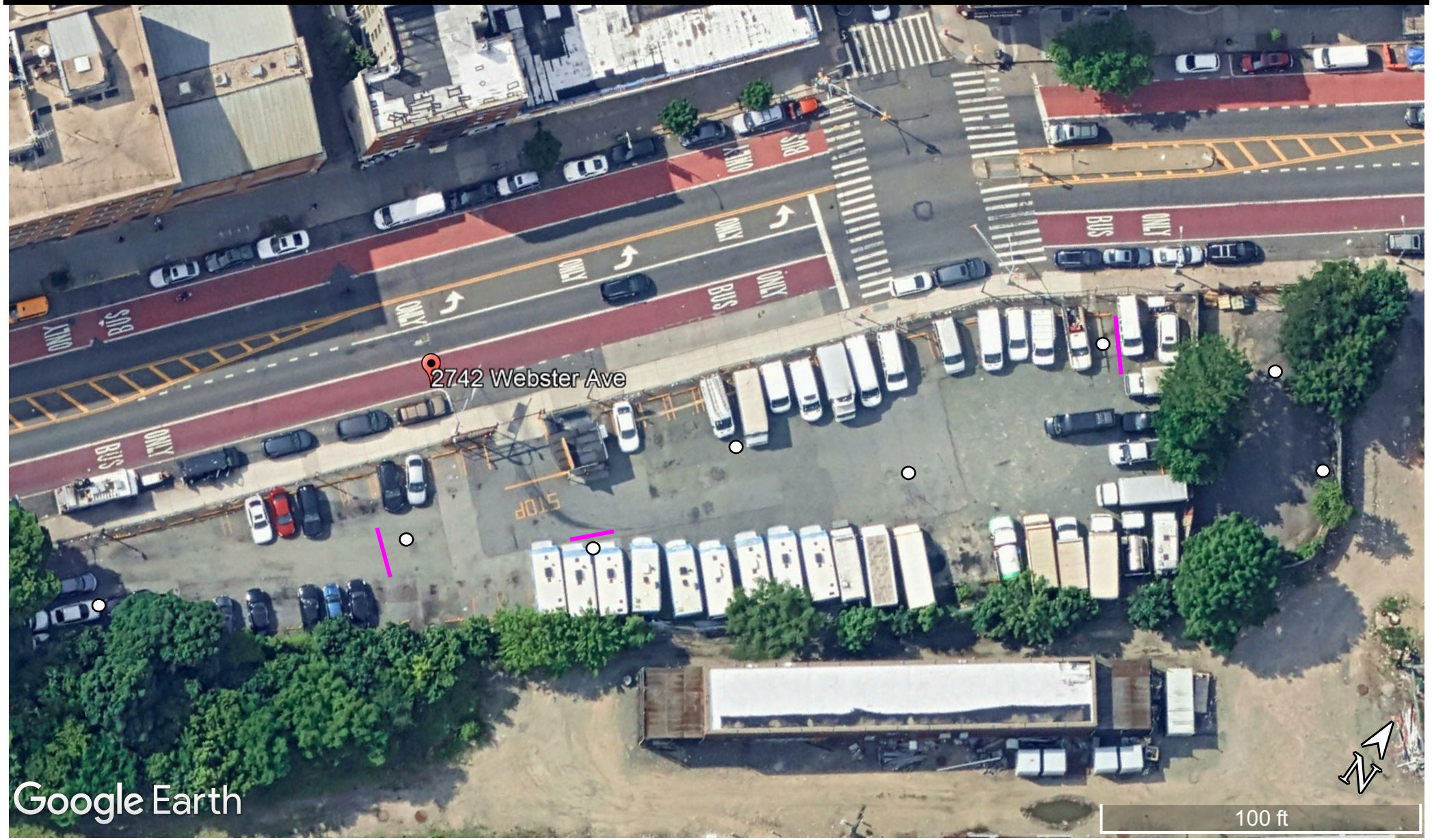
AMERICAN GEOPHYSICS INC

UST Investigations
Geophysical Surveys
Concrete Scanning
Private Utility Markouts

Veteran-Owned Business

americangeophysics.com

- Electric
- Telecoms
- Gas
- Sanitary/Storm
- Water
- Unknown
- Proposed Boring



Geophysical Investigation Report

Locations:

2742 Webster Avenue
Bronx, New York 10458
(AGInc. Job No. 1923989)

Prepared for:

SESI Consulting Engineers
959 Route 46 E 3rd Floor
Parsippany, NJ 07054

Investigated and prepared by:

Scott Zydiak
Geophysical SUE Technician

American Geophysics, Inc.
180 Main Street, #177
Butler, NJ 07405
833-SCAN GPR/ 833-722-6477

Completed on:

February 4, 2025

INTRODUCTION

American Geophysics, Inc. (AGInc.), is a geophysical survey and investigation services firm which provides Environmental & Engineering Geophysics (EEG) services to the environmental consulting, construction, and engineering communities. Led by over 20 years of field experience, AGInc. takes pride in providing the highest training for our technicians and the use of the most current and state-of -the-art equipment. This winning combination of experience and technology results in the most accurate findings.

METHODOLOGY

Geophysical surveys are typically accomplished by employing the following techniques; Ground-penetrating Radar (GPR), electromagnetic metal detector (Fisher TW6), radio frequency line locating (RF), Electromagnetic Profiler (EM). Underground storage tanks (USTs), utilities, and metallic anomalies are typically traced and mapped with RF, GPR, EM, and a magnetometer depending on the size, matrix and conductive properties of the targets. Site conditions and client specifications of the areas of investigation (AOIs), determine the survey approach and equipment used to provide the most comprehensive data possible.

EQUIPMENT USED:

Radiodetection RD1500 250MHz ground penetrating radar (GPR)

Radiodetection RD8100 PDL pipe and cable locator

SCOPE OF WORK

On February 4th, 2025, a geophysical survey and investigation was completed at the above mentioned location. The scope of work (SOW) was to mark out all detected subsurface utilities or anomalies that would impact the nine (9), soil-borings selected by the client-representative on-site in addition to; locate any USTs. The location is an automotive parking lot. The surface conditions consisted of asphalt and bare soils. The property was scanned using an RD1500 250MHz ground penetrating radar (GPR) and the Radiodetection RD8100 PDL pipe and cable locator.

SURVEY RESULTS

All the equipment was used in an octagonal-grid pattern over each of the areas of investigation (AOIs). 3D data was collected and 2D locations were logged. The RD 8100 was also used in many different modes, directly and passively. All neighboring utility access points, as well as all pipes/conduits going in or out of the ground were directly induced. Please note that all depths are estimated below ground surface (BGS). The best possible data points were collected and all findings are estimated and dependent upon soil types/conditions, weather conditions and the dielectric properties of the subsurface during the time of the investigation. All findings were discussed with the client and marked on site in APWA color-coded paints and flags. All unknown subsurface anomalies were painted pink. Please see the sample figures/photos section below.

LISTED SURVEY RESULTS:

1) All proposed boring locations were marked by the client on site with white paint. Once investigated, they were scribed with a check mark with blue paint.
2) All adjusted boring locations were approved by the client representative on site.
3) Utilities were visually observed feeding the building from the street.
4) Unknown linear anomalies were detected at depths estimated to be ~(1-2 feet) BGS and were marked with pink paint.
5) No data collected on-site was consistent with underground storage tanks (USTs).
6) All the findings and slightly adjusted locations were discussed with the client on-site. Please see the sample figures/images below.
7) A site walk and safety meeting was performed prior to the commencement of the investigation. All necessary PPE, potential safety hazards and safety equipment was discussed and implemented.
8) All of the equipment was used in an octagonal-grid pattern for data collection over the areas of Investigation (AOIs).
9) All of the available utility access points were opened and investigated.
10) The AOIs were investigated with the RD8000 in direct, safety, passive and drop-box modes. Accessible manholes and utility access-points were opened and investigated.

LIMITATIONS

Areas within ~3 feet of any wall and/or any other vertical obstruction can not be fully investigated and confirmed due to the physical inability to get the center of any GPR antenna flush to the wall. Subsurface congestion can lead to coupling. This also can lead to distortion, attenuation, "bleed-off" and sympathetic signals. Due to surface conditions and the dielectric properties of the subsurface and properties of concrete, plastic polymer, and fiberglass, not all subsurface anomalies and utilities may have been detected. Buildings, concrete barriers, wet soils, saturated conditions, cracked surfaces, curb lines, and metal structures may have affected survey results near and immediately beneath them.

GPR signal penetration depth during survey/investigation:

GPR 250: fair and estimated to be ~(3-4 ft) below ground surface (BGS)

Listed Limitations:

1) Limited access points
2) Non conductive materials
3) Possible cut/abandoned utilities
4) Parked vehicles
5) Saturated soils

Figures

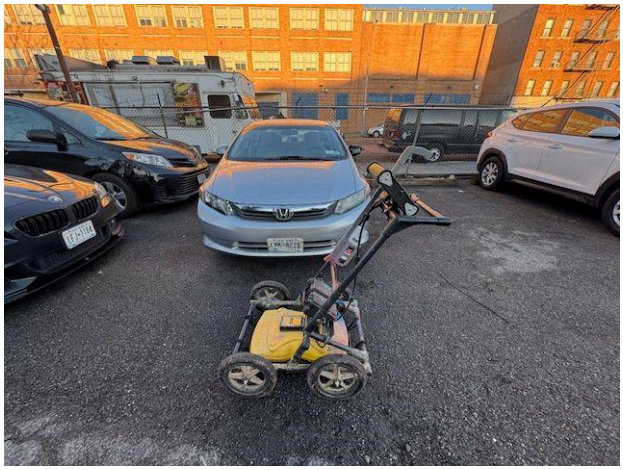


Fig. 1: All of the equipment was used in an octagonal-grid pattern across the areas of investigation (AOIs).

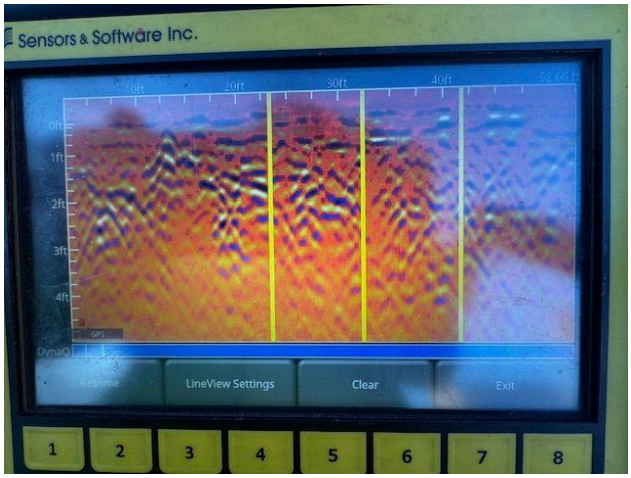


Fig. 2: Sample images of the GPR data set collected. The RD8100 was used in direct, passive, safety and drop-box modes.

Fig. 3: Sample image of the first boring location.

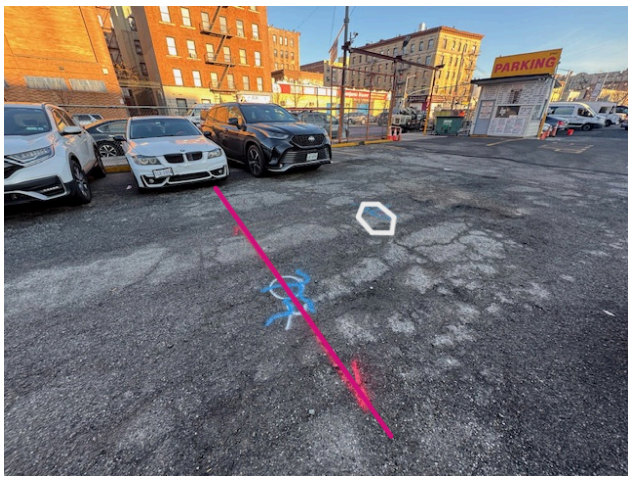


Fig. 4: Sample image of the second boring location.

Fig. 5: Sample image of the third boring location.

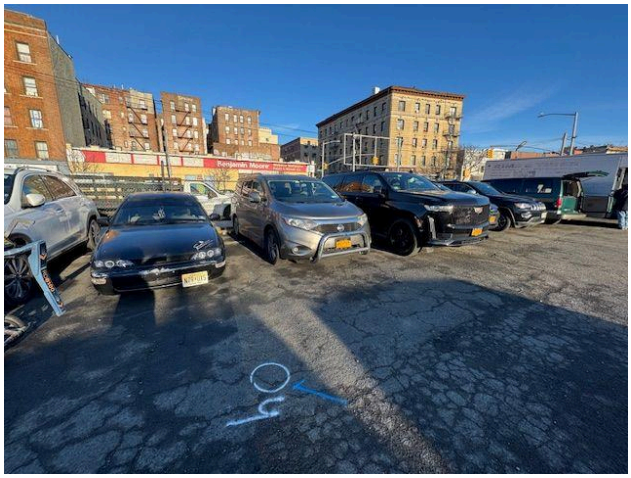


Fig. 6: Sample image of the fourth boring location.

Fig. 7: Sample image of the fifth boring location.

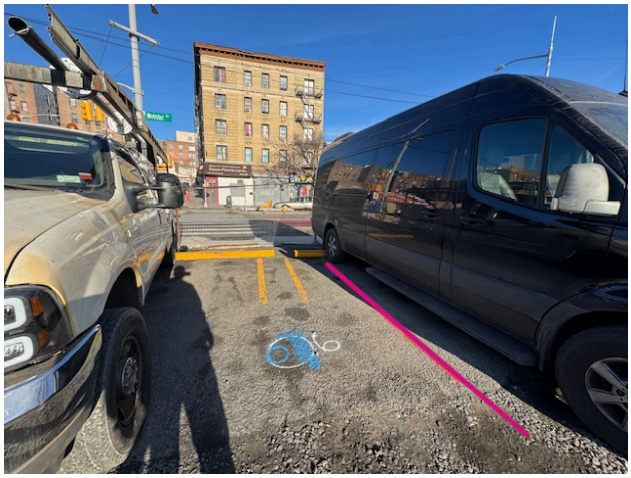


Fig. 8: Sample image of the sixth boring location.

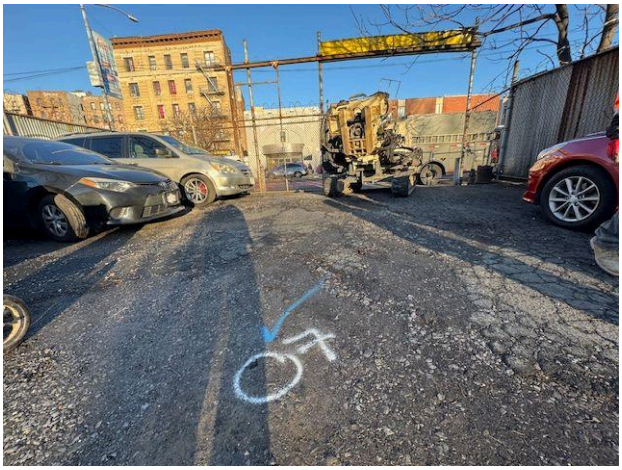


Fig. 9: Sample image of the seventh boring location.

Fig. 10: Sample image of the eighth boring location.

Fig. 11: Site Diagram ****for illustration purposes only****

- Red: Electric Power Lines, Cables, Conduit & Lighting Cables
- Yellow: Gas Oil, Steam, Petroleum or Gaseous Materials
- Orange: Communication, Cable TV, Alarm or Signal Lines, Cables or Conduit
- Blue: Potable Water
- Green: Sewers and Drain Lines
- Purple: Reclaimed Water, Irrigation and Slurry Lines
- Pink: Temporary Survey Markings
- White: Proposed Excavation

***All field services were conducted in compliance with the industry standard of care guidelines found in ASCE 38-02 (Level B) and marked in appropriate colors as per the APWA (American Public Works Association).**

WARRANTIES

· ***American Geophysics, Inc. does not guarantee that utilities, conduit, and steel reinforcement will be avoided during drilling, cutting, trenching, and coring.***

· ***All utility designating will be in compliance with ASCE 38-02 (level B).***

· ***All field services were conducted in compliance with the industry standard of care guidelines found in CSDA-BP-007 and marked in appropriate colors as per the APWA (American Public Works Association).***

· ***The GPR unit must have direct contact with the concrete in order to collect quality data.***

· ***Any areas covered with debris cannot be scanned correctly with GPR.***

· ***Wet floors will not allow proper marking with paint and/or permanent marker.***

· ***All concrete slabs must be monolithic pours.***

· ***Dairy brick and some types of tile may cause signal interference.***

· ***New concrete can adversely affect the signal penetration and should be given a minimum of one month curing time.***

· ***All areas should be clear for scanning and marking.***

The field observations and measurements reported herein are considered sufficient in detail and scope for this project. American Geophysics, Inc. warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted geophysical methods. There is a possibility that conditions may exist which could not be identified within the scope of this project and were not apparent during the site activities performed for this project.

American Geophysics, Inc. represents that the services were performed in a manner consistent with that level of care and skill ordinarily exercised by geophysical consultants under similar circumstances. No other representations to Client, express or implied, and no

warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

American Geophysics, Inc. believes that the information provided in this report is reliable. However, American Geophysics, Inc. cannot warrant or guarantee that the information provided by others is complete or accurate. No other warranties or guarantees are implied or expressed.

GPR data is subject to signal anomalies and operator interpretation. The GPR data is intended to provide the locations of areas of concern requiring additional investigation or the approximate location of underground structures and utilities. Great care must be utilized when excavating, drilling, and cutting around subsurface structures and utilities, since GPR data can only be used for estimation purposes and GPR data, is subject to misinterpretation. American Geophysics, Inc. cannot guarantee that utilities, post-tension cables, and/or rebar will not be incurred during drilling, cutting, coring, and excavation activities.

Hand clearing or vacuum-excavation should be performed within 3 feet of any marks. American Geophysics, Inc. does not guarantee that utilities will not be encountered during drilling and/or excavation. Mark-out services performed by American Geophysics, Inc. do not satisfy state mark out requirements. By law, the appropriate state mark-out service must be notified prior to any digging activities (i.e. NJ one-call, PA one-call, CT call before you dig, MD & VA miss utility, dig safely NY, FL one-call, 811 one-call, call before you dig, Sunshine State One-Call).

This report was prepared pursuant to the contract American Geophysics, Inc. has with the Client. That contractual relationship included an exchange of information about the property that was unique between American Geophysics, Inc. and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between American Geophysics, Inc. and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to American Geophysics, Inc.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third-party beneficiary to American Geophysics, Inc. contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

Appendix B:

Boring Logs

SESI CONSULTING ENGINEERS

PROJECT NAME:	2742 Webster Ave	GEOPROBE NO.	**SB-1**
LOCATION:	Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG ENVIRONMENTAL	DATE STARTED: 02.04.2025	GROUNDWATER TABLE DEPTH: 18.5-19.5'	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 02.04.2025	0 Hr. / 24 Hr. / Date 02.04.2025	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	1	31	1		SB-1 (0.5-1)	(0-0.5) Asphalt fragments	0
						(0.5-5)' Fill:Brown to light brown medium to fine Sand, and coarse to fine Gravel, trace Silt. No visual impacts observed, no odor, mostly dry.	0
							0
							0
5				5			0
	2	29	5			(5-10)' Fill:Dark brown to brown medium to fine Sand, some coarse to fine Gravel, little silt. No visual impacts observed, no odor, mostly dry.	0.1
							0.1
							0
							0
10				10			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:	2742 Webster Ave	GEOPROBE NO.	**SB-2**
LOCATION:	Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG ENVIRONMENTAL	DATE STARTED: 02.04.2025	GROUNDWATER TABLE DEPTH: 18.5-19.5'	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 02.04.2025	0 Hr.	24 Hr. Date 02.04.2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	1	52	1			(0-0.5) Asphalt fragments	0
						(0.5-1) Fill:Brown medium to fine Sand, some medium to fine Gravel, trace Silt. (1-5)'	0
							0.1
						Fill:Black to dark brown fine Sand, some medium to fine Gravel, little Silt,with red brick historic fill. No visual impacts observed, earthy smell, mostly dry.	0
5				5			0
	2	32	5			(5-10)' Fill:Black to Dark brown medium to fine Sand, some coarse to fine Gravel, little Silt, with red brick fill, and wood historic fill. No visual impacts observed, organics and rotten wood odors, no PID hits, mostly dry.	0
							0
							0
							0
10				10	SB-2 (9.5-10)		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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	2742 Webster Ave	GEOPROBE NO.	**SB-3**
LOCATION:	Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG ENVIRONMENTAL	DATE STARTED: 02.04.2025	GROUNDWATER TABLE DEPTH: 18.5-19.5'	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 02.04.2025	0 Hr.	24 Hr. Date 02.04.2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	1	40	1			(0-0.5)' Asphalt fragments	0
						(0.5-3)' Fill: Brown to tan medium to fine Sand, little fine Gravel, trace Silt, with red brick historic fill. (3-5)'	0
							0
						Fill: Dark brown to black medium to fine Sand, little fine gravel, trace Silt, with red brick, and wood historic fill. No visual impacts observed, no odor, mostly dry.	0
					SB-3 (3-3.5)		0
5				5			0
	2					End of boring refusal at ±5'. Three attempts were completed in 5 foot stepouts from the original location.	0
							0
							0
							0
10							0
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	2742 Webster Ave	GEOPROBE NO.	**SB-4**
LOCATION:	Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG ENVIRONMENTAL	DATE STARTED: 02.04.2025	GROUNDWATER TABLE DEPTH: 18.5-19.5'	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 02.04.2025	0 Hr. / 24 Hr. / Date 02.04.2025	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	1	47	1			(0-0.5)' Asphalt fragments	0
					SB-4 (1-1.5)	(0.5-3.5)' Fill:Dark brown to brown medium to fine Sand, little fine Gravel, little Silt, with concrete, and red brick historic fill. No visual impacts observed, no odor, mostly dry.	0
							0
						(3.5-5)' Concrete cobble	0
5				5			0
	2	25	5			(5-6)' Concrete fragments.	0
						(6-10)' Fill: Dark gray to black coarse to fine Sand, little fine Gravel, trace Silt, with traces of concrete fill. No visual impacts observed, no odor, mostly dry.	0
							0
							0
10				10			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:	2742 Webster Ave	GEOPROBE NO.	**SB-5**
LOCATION:	Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG ENVIRONMENTAL	DATE STARTED: 02.04.2025	GROUNDWATER TABLE DEPTH: 18.5-19.5'	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 02.04.2025	0 Hr.	24 Hr. Date 02.04.2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	1	38	1			(0-0.5)' Asphalt fragments	0
						(0.5-5)' Fill:Brown fine Sand, and coarse to fine Gravel, trace Silt, with cobbles, and red brick historic fill. No visual impacts observed, no odor, mostly dry.	0
							0
							0
5				5			0
	2	40	5			(5-8.5) Fill:Tan medium to fine Sand, some medium to fine Gravel, trace silt. (8.5-10) Fill:Dark brown to black Coarse to fine Sand, little medium to fine Gravel, trace Silt, with red brick, and concrete fill. No visual impacts observed, no odor, mostly dry.	0
							0
							0
					SB-5 (8-8.5)		0
10				10			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:	2742 Webster Ave	GEOPROBE NO.	**SB-6**
LOCATION:	Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG ENVIRONMENTAL	DATE STARTED: 02.04.2025	GROUNDWATER TABLE DEPTH: 18.5-19.5'	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 02.04.2025	0 Hr.	24 Hr. Date 02.04.2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	1	36	1			(0-0.5)' Asphalt fragments	0
						(0.5-1)' Fill:Brown coarse to fine Sand, trace fine Gravel, trace Silt.	0
						(1-2.5)' Fill:Gray fine Sand, trace silt.	0
						(2.5-5)' Fill:Brown fine Sand, some medium to fine Gravel, little Silt, with red brick historic fill. No visual impacts observed, no odor, mostly dry.	0
5				5			0
	2	38	5		SB-5 (5-5.5)	(5-7)' Fill:Dark brown to brown coarse to fine Sand, little medium to fine Gravel, trace Silt, with red brick fill, ceramic, and concrete historic fill.	0
							0
						(7-10)' Fill:Tan medium to fine Sand, some coarse to fine Gravel, with concrete and red brick fill. No visual impacts observed, no odor, mostly dry.	0
							0
10				10			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:	2742 Webster Ave	GEOPROBE NO.	**SB-7**
LOCATION:	Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG ENVIRONMENTAL	DATE STARTED: 02.04.2025	GROUNDWATER TABLE DEPTH: 18.5-19.5'	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 02.04.2025	0 Hr. / 24 Hr. / Date 02.04.2025	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	1	34	1			(0-0.5) Asphalt fragments	0
						(1-2.5)' Fill: Gray coarse to fine Gravel, little fine Sand.	0
						(2.5-5)' Fill: Brown medium to fine Sand, and coarse to fine Gravel,	0
						with brick historic fill. No visual impacts observed. No odor, mostly dry.	0
5				5	SB-7(4-4.5)		0
	2	46	5			(5-10)' Fill: Brown to dark brown medium to fine Sand, and medium to	0
						fine gravel, with red brick, and wood historic hill. No visual impacts	0
						observed. No odor, mostly dry.	0
							0
10				10			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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	2742 Webster Ave	GEOPROBE NO.	**SB-8**
LOCATION:	Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG ENVIRONMENTAL	DATE STARTED: 02.04.2025	GROUNDWATER TABLE DEPTH: 18.5-19.5'	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 02.04.2025	0 Hr. / 24 Hr. / Date 02.04.2025	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	1	39	1			(0-0.5) Asphalt fragments	0
						(1-2)' Fill:Brown to tan coarse to fine Sand, some coarse to fine Gravel, trace Silt, with concrete, metal, and red brick historic fill.	0
						(2-4)' Fill: Dark brown to brown fine Sand, little medium to fine Gravel, little Silt. No visual impacts observed. No odor, mostly dry.	0
							0
5				5			0
	2	30	5			(4-8)' Fill: Black to dark brown coarse to fine Sand, some medium to fine Gravel, trace Silt, with red brick, asphalt historic fill. Moderate black staining observed. No odor, mostly dry.	0
					SB-8 (6.5-7)		0
						(8-10)': Fill:Brown to light brown medium to fine Sand, little Silt, little fine Gravel, with metal and wood historic fill. No impacts, no odor, slightly moist.	0
10				10			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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	Webster Ave Bronx, NY MADDD Equities	GEOPROBE NO.	**SB-17**
LOCATION:	2740 Webster Ave Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	~61 feet
GEOPROBE BY: Coastal	DATE STARTED: 6/12/2024	GROUNDWATER TABLE DEPTH:	
INSPECTOR: Christian Barletta	DATE COMPLETED: 6/12/2024	0 Hr.	24 Hr. Date 6/12/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	36	1	0			Brown Fill, c-f SAND & GRAVEL, Trace Silt & Clay	0
							0
					B-17(3-3.5)		0
							0
5				5		Black, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
	40	2	5				0
							0
						Gray, c-f SAND & SILT, Little c-f Gravel, Trace Clay	0
							0
10				10			0
	48	3	10				0
						Brown, c-f SAND & SILT, Little c-f Gravel, Trace Clay	0
							0
						Brown/Gray, c-f SAND, Some c-f Gravel, Little Silt & Clay	0
15				15			0
						EOB @ 15'	
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	Webster Ave Bronx, NY MADDD Equities	GEOPROBE NO.	**SB-18**
LOCATION:	2740 Webster Ave Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	~61 feet
GEOPROBE BY: Coastal	DATE STARTED: 6/12/2024	GROUNDWATER TABLE DEPTH:	
INSPECTOR: Christian Barletta	DATE COMPLETED: 6/12/2024	0 Hr.	24 Hr. Date 6/12/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	36	1	0			Brown Fill, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
							0
							0
5				5	B-18(4-4.5)	Black, c-f SAND & SILT, Little c-f Gravel, Trace Clay	0
	19	2	5				0
						Brown, c-f GRAVEL & SAND, Little Silt, Trace Clay	0
							0
							0
10				10			0
						Refusal @ 10'	
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	Webster Ave Bronx, NY MADDD Equities	GEOPROBE NO.	**SB-31**
LOCATION:	2740 Webster Ave Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	~61 feet
GEOPROBE BY: Coastal	DATE STARTED:	GROUNDWATER TABLE DEPTH:	
INSPECTOR: Christian Barletta	DATE COMPLETED:	0 Hr. / 24 Hr. / Date	6/14/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	30	1	0			Fill, Gray/Tan, m-f SAND, Some c-f Gravel, Little Silt	0
							0
						Gray/Brown, m-f SAND & Gravel, Little Silt	0
					B-31(3.5-4)		0
5				5		Gray, m-f SAND, Little c-f Gravel & Silt	0
	38	2	5				0
						Tan m-f SAND, Some Silt, Little fine Gravel	0
							0
						Gray/Brown, m-f SAND & Gravel, Little Silt	0
10				10			0
						EOB @ 10'	
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	Webster Ave Bronx, NY MADDD Equities	GEOPROBE NO.	**SB-32**
LOCATION:	2740 Webster Ave Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	~61 feet
GEOPROBE BY: Coastal	DATE STARTED: 6/12/2024	GROUNDWATER TABLE DEPTH:	
INSPECTOR: Christian Barletta	DATE COMPLETED: 6/12/2024	0 Hr.	24 Hr. Date 6/14/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	42	1	0				0
					B-32(1.5-2)	Fill, Brown, m-f SAND, Some Silt, Little m-f Gravel	0
							0
							0
5				5		Gray/Brown, m-f SAND, Some Silt, Little m-f Gravel	0
	30	2	5				0
						Brown, m-f SAND, Some Silt, Little medium Gravel	0
							0
							0
10				10		Orange/Brown, m-f SAND, Some Silt, Little c-f Gravel	0
						EOB @ 10'	
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

Appendix C:

Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L2433160
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Ryan Warren
Phone:	(973) 808-9050
Project Name:	WEBSTER AVE, BRONX
Project Number:	13581
Report Date:	07/03/24

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), 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: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433160-01	TWP-1	WATER	2740 WEBSTER AVE, BRONX, NY	06/12/24 07:45	06/12/24
L2433160-02	TWP-2	WATER	2740 WEBSTER AVE, BRONX, NY	06/12/24 08:15	06/12/24
L2433160-03	TB20240612	WATER	2740 WEBSTER AVE, BRONX, NY	06/10/24 00:00	06/12/24
L2433160-04	B-14 (6.5-7)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/12/24 09:45	06/12/24
L2433160-05	B-17 (3-3.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/12/24 10:15	06/12/24
L2433160-06	B-18 (4-4.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/12/24 10:00	06/12/24
L2433160-07	B-19 (4-4.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/12/24 11:10	06/12/24

Project Name:	WEBSTER AVE, BRONX	**Lab Number:**	L2433160
Project Number:	13581	**Report Date:**	07/03/24

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:	WEBSTER AVE, BRONX	**Lab Number:**	L2433160
Project Number:	13581	**Report Date:**	07/03/24

Case Narrative (continued)

Report Submission

July 03, 2024: This final report includes the results of all requested analyses.

June 26, 2024: This preliminary report includes the results of the following analyses:

L2433160-04 through -07: Perfluorinated Alkyl Acids by 1633

June 24, 2024: This preliminary report includes the results of the following analyses:

L2433160-06: Semivolatile Organics, Pesticides, Herbicides, Total Cyanide and Total Metals

June 20, 2024: 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

L2433160-01 and -02: The analysis of Perfluorinated Alkyl Acids by 1633 was requested on the Chain of Custody; however, sample containers were not received. This was verified by the client.

Volatile Organics

The WG1935894-5 Method Blank, associated with L2433160-04, -06, and -07, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are non-detect to the RL this target analyte, no corrective action is required.

The WG1936463-5 Method Blank, associated with L2433160-05, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are non-detect to the RL this target analyte, no corrective action is required.

Semivolatile Organics

L2433160-04D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Perfluorinated Alkyl Acids by 1633

Project Name:	WEBSTER AVE, BRONX	**Lab Number:**	L2433160
Project Number:	13581	**Report Date:**	07/03/24

Case Narrative (continued)

L2433160-04, WG1937801-1/-2, WG1937998-1/-2/-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
The WG1937801-2 LCS recovery, associated with L2433160-04, -05, and -07, is above the acceptance criteria for n-ethyl perfluorooctanesulfonamidoacetic acid (netfosaa) (151%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.
The WG1937998-3 LCS recovery, associated with L2433160-06, is above the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (160%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

Total Metals
L2433160-04 through -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG1934994-1 Method Blank, associated with L2433160-01 and -02, has a concentration above the reporting limit for manganese. Since the associated sample concentrations are greater than 10x the blank concentration for this target analyte, no corrective action is required.
The WG1935625-1 Method Blank, associated with L2433160-04, -05, and -07, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this target analyte, no corrective action is required.

Cyanide, Total
The WG1935800-5 MS recovery, performed on L2433160-01, is outside the acceptance criteria for cyanide, total (78%); however, the associated LCS recovery is within criteria. No further action was taken.

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: 07/03/24

ORGANICS

VOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01
Client ID: TWP-1
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 07:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/16/24 14:18
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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01 Date Collected: 06/12/24 07:45

Client ID: TWP-1 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01 Date Collected: 06/12/24 07:45

Client ID: TWP-1 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	115		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	116		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02
Client ID: TWP-2
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 08:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/16/24 14:40
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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02 Date Collected: 06/12/24 08:15

Client ID: TWP-2 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02
Client ID: TWP-2
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 08:15
Date Received: 06/12/24
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	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	117		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-03
Client ID: TB20240612
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 00:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/16/24 09:32
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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-03 Date Collected: 06/10/24 00:00

Client ID: TB20240612 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-03 Date Collected: 06/10/24 00:00

Client ID: TB20240612 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	114		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04
Client ID: B-14 (6.5-7)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 09:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 05:24
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	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	0.44	J	ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	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	0.15	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04 Date Collected: 06/12/24 09:45

Client ID: B-14 (6.5-7) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04 Date Collected: 06/12/24 09:45

Client ID: B-14 (6.5-7) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	1390	J	ug/kg			1
Unknown Alkane	29.7	J	ug/kg			1
Unknown Alkane	71.2	J	ug/kg			1
1,3,5,6-Tetramethyladamantane	40.9	NJ	ug/kg			1
Unknown Naphthalene	406	J	ug/kg			1
1,3,5-Trimethyladamantane	28.8	NJ	ug/kg			1
Unknown	30.5	J	ug/kg			1
Unknown Alkane	78.3	J	ug/kg			1
Unknown	40.8	J	ug/kg			1
Unknown	397	J	ug/kg			1
Unknown	267	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**133**	Q	70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	111		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05
Client ID: B-17 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 10:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 14:35
Analyst: RAW
Percent Solids: 86%

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	0.25	J	ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	0.18	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05 Date Collected: 06/12/24 10:15

Client ID: B-17 (3-3.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	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	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	180		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	26		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	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.3	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	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05 Date Collected: 06/12/24 10:15

Client ID: B-17 (3-3.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	16.7	J	ug/kg			1
Unknown	12.6	J	ug/kg			1
Unknown	4.07	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	102		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06
Client ID: B-18 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 10:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 06:18
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06 Date Collected: 06/12/24 10:00

Client ID: B-18 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	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	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	75		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	6.9	J	ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06 Date Collected: 06/12/24 10:00

Client ID: B-18 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	9.68	J	ug/kg			1
Unknown	9.68	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	106		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 11:10
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 06:45
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 11:10
Date Received: 06/12/24
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	5.3	J	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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 11:10
Date Received: 06/12/24
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	10.6	J	ug/kg			1
Unknown	10.6	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	105		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 08:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1935824-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 08:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1935824-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 08:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1935824-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 08:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1935824-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	110		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/17/24 22:10
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06-07 Batch: WG1935894-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.26	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.2		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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/17/24 22:10
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06-07 Batch: WG1935894-5					
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	6.0	J	ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	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
1,1,1,2-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
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/17/24 22:10
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06-07 Batch: WG1935894-5					
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
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.
Ethyl ether	ND		ug/kg	2.0	0.34
Tentatively Identified Compounds					
Total TIC Compounds	11.1	J	ug/kg		
Unknown	11.1	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	99		70-130

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 11:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1936463-5					
Methylene chloride	2.4	J	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	2.9		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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 11:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1936463-5					
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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 11:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1936463-5					
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	18.5	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	2.22	NJ	ug/kg
Unknown	3.39	J	ug/kg
Unknown	2.37	J	ug/kg
Unknown	10.5	J	ug/kg

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 11:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1936463-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1935824-3 WG1935824-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	94		92		63-130	2		20
1,1,2-Trichloroethane	100		97		70-130	3		20
Tetrachloroethene	110		96		70-130	14		20
Chlorobenzene	100		97		75-130	3		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	120		110		70-130	9		20
Bromoform	91		90		54-136	1		20
1,1,2,2-Tetrachloroethane	96		100		67-130	4		20
Benzene	110		110		70-130	0		20
Toluene	110		99		70-130	11		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	110		94		64-130	16		20
Bromomethane	87		82		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1935824-3 WG1935824-4								
Vinyl chloride	120		98		55-140	20		20
Chloroethane	110		87		55-138	**23**	Q	20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	100		97		70-130	3		20
1,3-Dichlorobenzene	100		96		70-130	4		20
1,4-Dichlorobenzene	100		96		70-130	4		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	110		100		70-130	10		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	96		110		64-130	14		20
Acrylonitrile	100		110		70-130	10		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	120		91		36-147	**27**	Q	20
Acetone	110		130		58-148	17		20
Carbon disulfide	120		100		51-130	18		20
2-Butanone	98		110		63-138	12		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	89		100		59-130	12		20
2-Hexanone	89		110		57-130	**21**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1935824-3 WG1935824-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	96		96		70-130	0		20
1,3-Dichloropropane	100		98		70-130	2		20
1,1,1,2-Tetrachloroethane	98		91		64-130	7		20
Bromobenzene	100		96		70-130	4		20
n-Butylbenzene	120		110		53-136	9		20
sec-Butylbenzene	120		110		70-130	9		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	84		100		41-144	17		20
Hexachlorobutadiene	100		95		63-130	5		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	96		100		70-130	4		20
n-Propylbenzene	120		110		69-130	9		20
1,2,3-Trichlorobenzene	99		96		70-130	3		20
1,2,4-Trichlorobenzene	99		95		70-130	4		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	112		128		56-162	13		20
p-Diethylbenzene	110		99		70-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1935824-3 WG1935824-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	100		110		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		113		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	104		106		70-130
Dibromofluoromethane	99		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06-07 Batch: WG1935894-3 WG1935894-4								
Methylene chloride	109		106		70-130	3		30
1,1-Dichloroethane	122		118		70-130	3		30
Chloroform	119		117		70-130	2		30
Carbon tetrachloride	113		111		70-130	2		30
1,2-Dichloropropane	118		117		70-130	1		30
Dibromochloromethane	98		97		70-130	1		30
1,1,2-Trichloroethane	117		113		70-130	3		30
Tetrachloroethene	103		100		70-130	3		30
Chlorobenzene	108		107		70-130	1		30
Trichlorofluoromethane	123		122		70-139	1		30
1,2-Dichloroethane	119		116		70-130	3		30
1,1,1-Trichloroethane	122		117		70-130	4		30
Bromodichloromethane	113		107		70-130	5		30
trans-1,3-Dichloropropene	122		120		70-130	2		30
cis-1,3-Dichloropropene	120		115		70-130	4		30
1,1-Dichloropropene	120		118		70-130	2		30
Bromoform	88		89		70-130	1		30
1,1,2,2-Tetrachloroethane	108		110		70-130	2		30
Benzene	120		117		70-130	3		30
Toluene	110		110		70-130	0		30
Ethylbenzene	117		116		70-130	1		30
Chloromethane	114		109		52-130	4		30
Bromomethane	110		109		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06-07 Batch: WG1935894-3 WG1935894-4								
Vinyl chloride	127		127		67-130	0		30
Chloroethane	125		124		50-151	1		30
1,1-Dichloroethene	115		116		65-135	1		30
trans-1,2-Dichloroethene	**131**	Q	82		70-130	**46**	Q	30
Trichloroethene	121		119		70-130	2		30
1,2-Dichlorobenzene	106		104		70-130	2		30
1,3-Dichlorobenzene	109		110		70-130	1		30
1,4-Dichlorobenzene	108		106		70-130	2		30
Methyl tert butyl ether	**144**	Q	92		66-130	**44**	Q	30
p/m-Xylene	113		110		70-130	3		30
o-Xylene	109		106		70-130	3		30
cis-1,2-Dichloroethene	110		108		70-130	2		30
Dibromomethane	108		108		70-130	0		30
Styrene	115		113		70-130	2		30
Dichlorodifluoromethane	102		101		30-146	1		30
Acetone	115		78		54-140	**38**	Q	30
Carbon disulfide	118		118		59-130	0		30
2-Butanone	109		109		70-130	0		30
Vinyl acetate	125		116		70-130	7		30
4-Methyl-2-pentanone	106		107		70-130	1		30
1,2,3-Trichloropropane	110		113		68-130	3		30
2-Hexanone	110		110		70-130	0		30
Bromochloromethane	99		98		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06-07 Batch: WG1935894-3 WG1935894-4								
2,2-Dichloropropane	130		124		70-130	5		30
1,2-Dibromoethane	104		106		70-130	2		30
1,3-Dichloropropane	115		115		69-130	0		30
1,1,1,2-Tetrachloroethane	104		103		70-130	1		30
Bromobenzene	100		98		70-130	2		30
n-Butylbenzene	128		124		70-130	3		30
sec-Butylbenzene	116		115		70-130	1		30
tert-Butylbenzene	109		108		70-130	1		30
o-Chlorotoluene	118		116		70-130	2		30
p-Chlorotoluene	117		116		70-130	1		30
1,2-Dibromo-3-chloropropane	87		89		68-130	2		30
Hexachlorobutadiene	90		87		67-130	3		30
Isopropylbenzene	114		112		70-130	2		30
p-Isopropyltoluene	114		111		70-130	3		30
Naphthalene	100		100		70-130	0		30
Acrylonitrile	109		108		70-130	1		30
n-Propylbenzene	121		119		70-130	2		30
1,2,3-Trichlorobenzene	98		94		70-130	4		30
1,2,4-Trichlorobenzene	102		99		70-130	3		30
1,3,5-Trimethylbenzene	112		111		70-130	1		30
1,2,4-Trimethylbenzene	114		112		70-130	2		30
1,4-Dioxane	105		110		65-136	5		30
p-Diethylbenzene	115		111		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06-07 Batch: WG1935894-3 WG1935894-4								
p-Ethyltoluene	114		112		70-130	2		30
1,2,4,5-Tetramethylbenzene	108		106		70-130	2		30
Ethyl ether	111		114		67-130	3		30
trans-1,4-Dichloro-2-butene	128		127		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		110		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	96		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1936463-3 WG1936463-4								
Methylene chloride	123		117		70-130	5		30
1,1-Dichloroethane	116		120		70-130	3		30
Chloroform	110		116		70-130	5		30
Carbon tetrachloride	104		107		70-130	3		30
1,2-Dichloropropane	113		120		70-130	6		30
Dibromochloromethane	97		103		70-130	6		30
1,1,2-Trichloroethane	112		114		70-130	2		30
Tetrachloroethene	94		101		70-130	7		30
Chlorobenzene	102		107		70-130	5		30
Trichlorofluoromethane	129		122		70-139	6		30
1,2-Dichloroethane	117		121		70-130	3		30
1,1,1-Trichloroethane	113		119		70-130	5		30
Bromodichloromethane	109		114		70-130	4		30
trans-1,3-Dichloropropene	116		120		70-130	3		30
cis-1,3-Dichloropropene	114		118		70-130	3		30
1,1-Dichloropropene	112		115		70-130	3		30
Bromoform	90		91		70-130	1		30
1,1,2,2-Tetrachloroethane	115		106		70-130	8		30
Benzene	114		118		70-130	3		30
Toluene	104		108		70-130	4		30
Ethylbenzene	108		114		70-130	5		30
Chloromethane	112		114		52-130	2		30
Bromomethane	109		102		57-147	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1936463-3 WG1936463-4								
Vinyl chloride	**134**	Q	130		67-130	3		30
Chloroethane	132		126		50-151	5		30
1,1-Dichloroethene	121		117		65-135	3		30
trans-1,2-Dichloroethene	**136**	Q	**133**	Q	70-130	2		30
Trichloroethene	113		123		70-130	8		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	104		106		70-130	2		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	100		**161**	Q	66-130	**47**	Q	30
p/m-Xylene	105		110		70-130	5		30
o-Xylene	102		108		70-130	6		30
cis-1,2-Dichloroethene	106		109		70-130	3		30
Dibromomethane	110		114		70-130	4		30
Styrene	109		115		70-130	5		30
Dichlorodifluoromethane	119		118		30-146	1		30
Acetone	136		136		54-140	0		30
Carbon disulfide	125		121		59-130	3		30
2-Butanone	117		121		70-130	3		30
Vinyl acetate	**134**	Q	110		70-130	20		30
4-Methyl-2-pentanone	119		120		70-130	1		30
1,2,3-Trichloropropane	114		110		68-130	4		30
2-Hexanone	119		121		70-130	2		30
Bromochloromethane	100		101		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1936463-3 WG1936463-4								
2,2-Dichloropropane	113		120		70-130	6		30
1,2-Dibromoethane	105		109		70-130	4		30
1,3-Dichloropropane	114		118		69-130	3		30
1,1,1,2-Tetrachloroethane	102		105		70-130	3		30
Bromobenzene	98		97		70-130	1		30
n-Butylbenzene	116		116		70-130	0		30
sec-Butylbenzene	107		109		70-130	2		30
tert-Butylbenzene	102		101		70-130	1		30
o-Chlorotoluene	110		111		70-130	1		30
p-Chlorotoluene	112		110		70-130	2		30
1,2-Dibromo-3-chloropropane	95		92		68-130	3		30
Hexachlorobutadiene	86		86		67-130	0		30
Isopropylbenzene	104		107		70-130	3		30
p-Isopropyltoluene	104		104		70-130	0		30
Naphthalene	104		102		70-130	2		30
Acrylonitrile	119		119		70-130	0		30
n-Propylbenzene	114		113		70-130	1		30
1,2,3-Trichlorobenzene	95		94		70-130	1		30
1,2,4-Trichlorobenzene	99		97		70-130	2		30
1,3,5-Trimethylbenzene	107		106		70-130	1		30
1,2,4-Trimethylbenzene	107		108		70-130	1		30
1,4-Dioxane	110		116		65-136	5		30
p-Diethylbenzene	109		108		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1936463-3 WG1936463-4								
p-Ethyltoluene	109		107		70-130	2		30
1,2,4,5-Tetramethylbenzene	104		104		70-130	0		30
Ethyl ether	129		122		67-130	6		30
trans-1,4-Dichloro-2-butene	126		121		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		112		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	108		98		70-130
Dibromofluoromethane	95		97		70-130

SEMIVOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01
Client ID: TWP-1
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 07:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:20
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/16/24 08:49

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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01 Date Collected: 06/12/24 07:45

Client ID: TWP-1 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	ND		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	33.5	J	ug/l			1
Unknown	5.40	J	ug/l			1
Unknown	14.0	J	ug/l			1
Unknown	9.60	J	ug/l			1
Unknown Organic Acid	4.50	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**16**	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	27		10-120
4-Terphenyl-d14	84		41-149

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01
Client ID: TWP-1
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 07:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/18/24 10:19
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 06/16/24 08:28

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	0.06	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.09	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		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	ND		ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.13		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	ND		ug/l	0.10	0.02	1
Pyrene	ND		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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01 Date Collected: 06/12/24 07:45

Client ID: TWP-1 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	**14**	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	20		10-120
4-Terphenyl-d14	94		41-149

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02
Client ID: TWP-2
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 08:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/19/24 07:56
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/16/24 08:49

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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02 Date Collected: 06/12/24 08:15

Client ID: TWP-2 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	5.0		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	ND		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	17.7	J	ug/l			1
Unknown	7.30	J	ug/l			1
Unknown	10.4	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	74		41-149

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02
Client ID: TWP-2
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 08:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/18/24 10:36
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 06/16/24 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	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	0.04	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		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	ND		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	ND		ug/l	0.10	0.02	1
Pyrene	0.05	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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02 Date Collected: 06/12/24 08:15

Client ID: TWP-2 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	43		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	100		41-149

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04
Client ID: B-14 (6.5-7)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 09:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/24/24 20:45
Analyst: JW
Percent Solids: 92%

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.723	0.046	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.361	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.181	0.039	1
Perfluorohexanoic Acid (PFHxA)	0.051	J	ng/g	0.181	0.042	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.181	0.021	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.181	0.054	1
Perfluorooctanoic Acid (PFOA)	0.075	J	ng/g	0.181	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.723	0.253	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.181	0.033	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.181	0.071	1
Perfluorooctanesulfonic Acid (PFOS)	0.234		ng/g	0.181	0.072	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.181	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.723	0.350	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.181	0.090	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.181	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.181	0.029	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.181	0.039	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.181	0.075	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.181	0.037	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.181	0.048	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.181	0.096	1
PFOA/PFOS, Total	0.309	J	ng/g	0.181	0.047	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04 Date Collected: 06/12/24 09:45

Client ID: B-14 (6.5-7) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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)	83		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		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)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	108		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	103		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**175**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**215**	Q	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)	124		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**209**	Q	20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	93		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	92		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04 D
Client ID: B-14 (6.5-7)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 09:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 10:19
Analyst: LJG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	190	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	210	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
1,2-Dichlorobenzene	ND		ug/kg	1800	320	10
1,3-Dichlorobenzene	ND		ug/kg	1800	310	10
1,4-Dichlorobenzene	ND		ug/kg	1800	320	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	480	10
2,4-Dinitrotoluene	ND		ug/kg	1800	360	10
2,6-Dinitrotoluene	ND		ug/kg	1800	310	10
Fluoranthene	330	J	ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	280	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	310	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	180	10
Hexachlorobutadiene	ND		ug/kg	1800	260	10
Hexachlorocyclopentadiene	ND		ug/kg	5200	1600	10
Hexachloroethane	ND		ug/kg	1400	290	10
Isophorone	ND		ug/kg	1600	230	10
Naphthalene	ND		ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	270	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	280	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	620	10
Butyl benzyl phthalate	28000		ug/kg	1800	460	10
Di-n-butylphthalate	ND		ug/kg	1800	340	10
Di-n-octylphthalate	ND		ug/kg	1800	610	10

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04 D
Client ID: B-14 (6.5-7)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 09:45
Date Received: 06/12/24
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	1800	170	10
Dimethyl phthalate	ND		ug/kg	1800	380	10
Benzo(a)anthracene	ND		ug/kg	1100	200	10
Benzo(a)pyrene	ND		ug/kg	1400	440	10
Benzo(b)fluoranthene	ND		ug/kg	1100	300	10
Benzo(k)fluoranthene	ND		ug/kg	1100	290	10
Chrysene	ND		ug/kg	1100	190	10
Acenaphthylene	ND		ug/kg	1400	280	10
Anthracene	ND		ug/kg	1100	350	10
Benzo(ghi)perylene	ND		ug/kg	1400	210	10
Fluorene	ND		ug/kg	1800	180	10
Phenanthrene	280	J	ug/kg	1100	220	10
Dibenzo(a,h)anthracene	ND		ug/kg	1100	210	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1400	250	10
Pyrene	300	J	ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4100	230	10
4-Chloroaniline	ND		ug/kg	1800	330	10
2-Nitroaniline	ND		ug/kg	1800	350	10
3-Nitroaniline	ND		ug/kg	1800	340	10
4-Nitroaniline	ND		ug/kg	1800	750	10
Dibenzofuran	ND		ug/kg	1800	170	10
2-Methylnaphthalene	ND		ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	190	10
Acetophenone	ND		ug/kg	1800	220	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	340	10
p-Chloro-m-cresol	ND		ug/kg	1800	270	10
2-Chlorophenol	ND		ug/kg	1800	210	10
2,4-Dichlorophenol	ND		ug/kg	1600	290	10
2,4-Dimethylphenol	ND		ug/kg	1800	600	10
2-Nitrophenol	ND		ug/kg	3900	680	10
4-Nitrophenol	ND		ug/kg	2500	740	10
2,4-Dinitrophenol	ND		ug/kg	8700	840	10
4,6-Dinitro-o-cresol	ND		ug/kg	4700	870	10
Pentachlorophenol	ND		ug/kg	1400	400	10
Phenol	ND		ug/kg	1800	270	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	280	10

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04 D Date Collected: 06/12/24 09:45

Client ID: B-14 (6.5-7) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	1800	350	10
Benzoic Acid	ND		ug/kg	5800	1800	10
Benzyl Alcohol	ND		ug/kg	1800	550	10
Carbazole	ND		ug/kg	1800	180	10
1,4-Dioxane	ND		ug/kg	270	83.	10
Tentatively Identified Compounds						
Total TIC Compounds	54000	J	ug/kg			10
Unknown	2790	J	ug/kg			10
Unknown Alkane	4530	J	ug/kg			10
Unknown	6250	J	ug/kg			10
Unknown	3540	J	ug/kg			10
Unknown	3560	J	ug/kg			10
Unknown	3750	J	ug/kg			10
Unknown	8690	J	ug/kg			10
Unknown Alkane	3550	J	ug/kg			10
Unknown Alkane	3980	J	ug/kg			10
Unknown	1520	J	ug/kg			10
Unknown	2590	J	ug/kg			10
Unknown	3100	J	ug/kg			10
Unknown	1580	J	ug/kg			10
Unknown	2250	J	ug/kg			10
Unknown	2320	J	ug/kg			10

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04 D
Client ID: B-14 (6.5-7)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 09:45
Date Received: 06/12/24
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	74		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	78		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05
Client ID: B-17 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 10:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 01:08
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	51	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	960		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	50	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	410		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	120	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05 Date Collected: 06/12/24 10:15

Client ID: B-17 (3-3.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	630		ug/kg	110	21.	1
Benzo(a)pyrene	660		ug/kg	150	46.	1
Benzo(b)fluoranthene	900		ug/kg	110	32.	1
Benzo(k)fluoranthene	270		ug/kg	110	30.	1
Chrysene	580		ug/kg	110	20.	1
Acenaphthylene	260		ug/kg	150	29.	1
Anthracene	230		ug/kg	110	37.	1
Benzo(ghi)perylene	470		ug/kg	150	22.	1
Fluorene	68	J	ug/kg	190	18.	1
Phenanthrene	440		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	440		ug/kg	150	26.	1
Pyrene	930		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	34	J	ug/kg	190	18.	1
2-Methylnaphthalene	29	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	500	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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05
Client ID: B-17 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 10:15
Date Received: 06/12/24
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	76	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	951	J	ug/kg			1
Unknown	204	J	ug/kg			1
Unknown	175	J	ug/kg			1
Unknown PAH	416	J	ug/kg			1
Unknown	156	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	70		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05
Client ID: B-17 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 10:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/24/24 20:58
Analyst: JW
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.700	0.044	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.350	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.175	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.175	0.041	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.175	0.020	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.175	0.052	1
Perfluorooctanoic Acid (PFOA)	0.049	J	ng/g	0.175	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.700	0.245	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.175	0.032	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.175	0.069	1
Perfluorooctanesulfonic Acid (PFOS)	0.670		ng/g	0.175	0.069	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.175	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.700	0.339	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.175	0.088	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.175	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.175	0.028	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.175	0.038	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.108	J	ng/g	0.175	0.072	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.175	0.036	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.175	0.046	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.175	0.093	1
PFOA/PFOS, Total	0.719	J	ng/g	0.175	0.046	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05 Date Collected: 06/12/24 10:15

Client ID: B-17 (3-3.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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)	61		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	56		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	57		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	57		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	46		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	59		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	61		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	55		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	60		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	54		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		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)	54		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06
Client ID: B-18 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 10:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 00:12
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	56	J	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	1300		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	19.	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	95	J	ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	100	J	ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06 Date Collected: 06/12/24 10:00

Client ID: B-18 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	640		ug/kg	110	21.	1
Benzo(a)pyrene	740		ug/kg	150	45.	1
Benzo(b)fluoranthene	860		ug/kg	110	31.	1
Benzo(k)fluoranthene	320		ug/kg	110	30.	1
Chrysene	580		ug/kg	110	19.	1
Acenaphthylene	120	J	ug/kg	150	29.	1
Anthracene	280		ug/kg	110	36.	1
Benzo(ghi)perylene	560		ug/kg	150	22.	1
Fluorene	100	J	ug/kg	180	18.	1
Phenanthrene	790		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	420		ug/kg	150	26.	1
Pyrene	1000		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	77.	1
Dibenzofuran	86	J	ug/kg	180	18.	1
2-Methylnaphthalene	60	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	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	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06 Date Collected: 06/12/24 10:00

Client ID: B-18 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	62	J	ug/kg	180	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	82		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	69		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06
Client ID: B-18 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 10:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/25/24 16:54
Analyst: AC
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

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	0.396	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)	0.223		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	0.082	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	0.223		ng/g	0.198	0.051	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06 Date Collected: 06/12/24 10:00

Client ID: B-18 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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)	73		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		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)	79		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	68		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		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)	145		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	63		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	65		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 11:10
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 23:31
Analyst: MRG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	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	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2800		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	74	J	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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07 Date Collected: 06/12/24 11:10

Client ID: B-19 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	2100		ug/kg	110	20.	1
Benzo(a)pyrene	1700		ug/kg	140	44.	1
Benzo(b)fluoranthene	2200		ug/kg	110	30.	1
Benzo(k)fluoranthene	820		ug/kg	110	28.	1
Chrysene	1900		ug/kg	110	18.	1
Acenaphthylene	690		ug/kg	140	28.	1
Anthracene	780		ug/kg	110	35.	1
Benzo(ghi)perylene	1000		ug/kg	140	21.	1
Fluorene	190		ug/kg	180	17.	1
Phenanthrene	1600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	250		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1000		ug/kg	140	25.	1
Pyrene	2400		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	83	J	ug/kg	180	17.	1
2-Methylnaphthalene	55	J	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	26.	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	380	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	37	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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 11:10
Date Received: 06/12/24
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	98	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	6670	J	ug/kg			1
Unknown PAH	1270	J	ug/kg			1
Unknown	230	J	ug/kg			1
Unknown	532	J	ug/kg			1
Unknown Ketone	252	J	ug/kg			1
Unknown PAH	468	J	ug/kg			1
Unknown Organic Acid	302	J	ug/kg			1
Unknown PAH	520	J	ug/kg			1
Unknown	492	J	ug/kg			1
Unknown PAH	640	J	ug/kg			1
Unknown PAH	210	J	ug/kg			1
Unknown	430	J	ug/kg			1
Unknown PAH	454	J	ug/kg			1
Unknown PAH	256	J	ug/kg			1
Unknown PAH	248	J	ug/kg			1
Unknown PAH	369	J	ug/kg			1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07 Date Collected: 06/12/24 11:10

Client ID: B-19 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	64		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	65		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 11:10
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/24/24 21:11
Analyst: JW
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.068	J	ng/g	0.711	0.045	1
Perfluoropentanoic Acid (PFPeA)	0.058	J	ng/g	0.356	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.178	0.038	1
Perfluorohexanoic Acid (PFHxA)	0.055	J	ng/g	0.178	0.041	1
Perfluoroheptanoic Acid (PFHpA)	0.10	J	ng/g	0.178	0.021	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.178	0.053	1
Perfluorooctanoic Acid (PFOA)	0.204		ng/g	0.178	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.711	0.249	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.178	0.033	1
Perfluorononanoic Acid (PFNA)	0.124	J	ng/g	0.178	0.070	1
Perfluorooctanesulfonic Acid (PFOS)	0.370		ng/g	0.178	0.070	1
Perfluorodecanoic Acid (PFDA)	0.319		ng/g	0.178	0.067	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.711	0.344	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.178	0.089	1
Perfluoroundecanoic Acid (PFUnA)	0.196		ng/g	0.178	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.178	0.028	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.178	0.038	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.178	0.073	1
Perfluorododecanoic Acid (PFDoA)	0.105	J	ng/g	0.178	0.036	1
Perfluorotridecanoic Acid (PFTrDA)	0.063	J	ng/g	0.178	0.047	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.178	0.095	1
PFOA/PFOS, Total	0.574		ng/g	0.178	0.046	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07 Date Collected: 06/12/24 11:10

Client ID: B-19 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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)	69		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	74		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	61		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	72		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)	72		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	72		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	66		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)	90		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	64		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	95		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/16/24 15:31
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1934854-1					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/16/24 15:31
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1934854-1					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/16/24 15:31
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1934854-1					
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	20.4	J	ug/l
Unknown	4.10	J	ug/l
Unknown	7.20	J	ug/l
Unknown	4.20	J	ug/l
Unknown	4.90	J	ug/l

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/16/24 15:31
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1934854-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	67		41-149

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/17/24 07:48
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1934857-1					
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	0.09	J	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	0.49	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/17/24 07:48
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 06/15/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1934857-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	80		41-149

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:05
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,07 Batch: WG1935035-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:05
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,07 Batch: WG1935035-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:05
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,07 Batch: WG1935035-1					
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	25	J	ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	91		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/24/24 16:02
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 04-05,07 Batch: WG1937801-1					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/24/24 16:02
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 04-05,07 Batch: WG1937801-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		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)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	110		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)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		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)	85		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**231**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	101		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/23/24 11:16
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1937841-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/23/24 11:16
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1937841-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	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	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/23/24 11:16
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/22/24 05:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1937841-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	86		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 11:13
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG1937998-1					
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

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Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 11:13
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG1937998-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		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)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		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)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		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)	79		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**194**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	96		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1934854-2 WG1934854-3								
Acenaphthene	68		68		37-111	0		30
1,2,4-Trichlorobenzene	48		52		39-98	8		30
Hexachlorobenzene	66		66		40-140	0		30
Bis(2-chloroethyl)ether	72		67		40-140	7		30
2-Chloronaphthalene	61		60		40-140	2		30
1,2-Dichlorobenzene	55		57		40-140	4		30
1,3-Dichlorobenzene	51		54		40-140	6		30
1,4-Dichlorobenzene	53		54		36-97	2		30
3,3'-Dichlorobenzidine	80		81		40-140	1		30
2,4-Dinitrotoluene	77		74		48-143	4		30
2,6-Dinitrotoluene	73		72		40-140	1		30
Fluoranthene	76		73		40-140	4		30
4-Chlorophenyl phenyl ether	62		62		40-140	0		30
4-Bromophenyl phenyl ether	67		66		40-140	2		30
Bis(2-chloroisopropyl)ether	62		62		40-140	0		30
Bis(2-chloroethoxy)methane	73		69		40-140	6		30
Hexachlorobutadiene	40		47		40-140	16		30
Hexachlorocyclopentadiene	40		**39**	Q	40-140	3		30
Hexachloroethane	51		52		40-140	2		30
Isophorone	74		68		40-140	8		30
Naphthalene	60		61		40-140	2		30
Nitrobenzene	72		70		40-140	3		30
NDPA/DPA	70		71		40-140	1		30

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1934854-2 WG1934854-3								
n-Nitrosodi-n-propylamine	68		68		29-132	0		30
Bis(2-ethylhexyl)phthalate	86		88		40-140	2		30
Butyl benzyl phthalate	90		93		40-140	3		30
Di-n-butylphthalate	80		82		40-140	2		30
Di-n-octylphthalate	90		89		40-140	1		30
Diethyl phthalate	78		78		40-140	0		30
Dimethyl phthalate	72		69		40-140	4		30
Benzo(a)anthracene	75		74		40-140	1		30
Benzo(a)pyrene	80		79		40-140	1		30
Benzo(b)fluoranthene	80		77		40-140	4		30
Benzo(k)fluoranthene	71		68		40-140	4		30
Chrysene	70		66		40-140	6		30
Acenaphthylene	66		66		45-123	0		30
Anthracene	70		71		40-140	1		30
Benzo(ghi)perylene	76		73		40-140	4		30
Fluorene	68		66		40-140	3		30
Phenanthrene	70		68		40-140	3		30
Dibenzo(a,h)anthracene	78		71		40-140	9		30
Indeno(1,2,3-cd)pyrene	75		70		40-140	7		30
Pyrene	78		73		26-127	7		30
Biphenyl	61		61		40-140	0		30
4-Chloroaniline	58		59		40-140	2		30
2-Nitroaniline	86		77		52-143	11		30

Lab Control Sample Analysis
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1934854-2 WG1934854-3								
3-Nitroaniline	80		78		25-145	3		30
4-Nitroaniline	82		82		51-143	0		30
Dibenzofuran	65		64		40-140	2		30
2-Methylnaphthalene	60		60		40-140	0		30
1,2,4,5-Tetrachlorobenzene	51		50		2-134	2		30
Acetophenone	74		69		39-129	7		30
2,4,6-Trichlorophenol	43		77		30-130	**57**	Q	30
p-Chloro-m-cresol	66		70		23-97	6		30
2-Chlorophenol	45		70		27-123	**43**	Q	30
2,4-Dichlorophenol	45		73		30-130	**47**	Q	30
2,4-Dimethylphenol	69		64		30-130	8		30
2-Nitrophenol	49		84		30-130	**53**	Q	30
4-Nitrophenol	31		47		10-80	**41**	Q	30
2,4-Dinitrophenol	49		87		20-130	**56**	Q	30
4,6-Dinitro-o-cresol	49		86		20-164	**55**	Q	30
Pentachlorophenol	43		84		9-103	**65**	Q	30
Phenol	29		36		12-110	22		30
2-Methylphenol	66		66		30-130	0		30
3-Methylphenol/4-Methylphenol	60		59		30-130	2		30
2,4,5-Trichlorophenol	46		72		30-130	**44**	Q	30
Benzoic Acid	**0**	Q	29		10-164	NC		30
Benzyl Alcohol	69		61		26-116	12		30
Carbazole	78		75		55-144	4		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1934854-2 WG1934854-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	29		48		21-120
Phenol-d6	30		39		10-120
Nitrobenzene-d5	73		72		23-120
2-Fluorobiphenyl	69		63		15-120
2,4,6-Tribromophenol	46		76		10-120
4-Terphenyl-d14	68		67		41-149

Lab Control Sample Analysis
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1934857-2 WG1934857-3								
Acenaphthene	69		69		40-140	0		40
2-Chloronaphthalene	63		64		40-140	2		40
Fluoranthene	81		80		40-140	1		40
Hexachlorobutadiene	44		48		40-140	9		40
Naphthalene	57		59		40-140	3		40
Benzo(a)anthracene	74		73		40-140	1		40
Benzo(a)pyrene	83		82		40-140	1		40
Benzo(b)fluoranthene	81		78		40-140	4		40
Benzo(k)fluoranthene	76		79		40-140	4		40
Chrysene	71		71		40-140	0		40
Acenaphthylene	74		73		40-140	1		40
Anthracene	74		73		40-140	1		40
Benzo(ghi)perylene	79		79		40-140	0		40
Fluorene	74		73		40-140	1		40
Phenanthrene	72		72		40-140	0		40
Dibenzo(a,h)anthracene	88		89		40-140	1		40
Indeno(1,2,3-cd)pyrene	86		87		40-140	1		40
Pyrene	82		80		40-140	2		40
2-Methylnaphthalene	62		62		40-140	0		40
Pentachlorophenol	42		75		40-140	**56**	Q	40
Hexachlorobenzene	71		70		40-140	1		40
Hexachloroethane	44		50		40-140	13		40

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1934857-2 WG1934857-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	26		49		21-120
Phenol-d6	25		36		10-120
Nitrobenzene-d5	77		77		23-120
2-Fluorobiphenyl	72		70		15-120
2,4,6-Tribromophenol	47		76		10-120
4-Terphenyl-d14	79		77		41-149

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,07 Batch: WG1935035-2 WG1935035-3								
Acenaphthene	92		91		31-137	1		50
1,2,4-Trichlorobenzene	92		94		38-107	2		50
Hexachlorobenzene	107		106		40-140	1		50
Bis(2-chloroethyl)ether	79		80		40-140	1		50
2-Chloronaphthalene	97		97		40-140	0		50
1,2-Dichlorobenzene	83		85		40-140	2		50
1,3-Dichlorobenzene	80		82		40-140	2		50
1,4-Dichlorobenzene	80		82		28-104	2		50
3,3'-Dichlorobenzidine	92		85		40-140	8		50
2,4-Dinitrotoluene	110		109		40-132	1		50
2,6-Dinitrotoluene	121		120		40-140	1		50
Fluoranthene	96		96		40-140	0		50
4-Chlorophenyl phenyl ether	92		92		40-140	0		50
4-Bromophenyl phenyl ether	99		98		40-140	1		50
Bis(2-chloroisopropyl)ether	56		58		40-140	4		50
Bis(2-chloroethoxy)methane	90		92		40-117	2		50
Hexachlorobutadiene	90		93		40-140	3		50
Hexachlorocyclopentadiene	109		111		40-140	2		50
Hexachloroethane	84		88		40-140	5		50
Isophorone	95		96		40-140	1		50
Naphthalene	84		87		40-140	4		50
Nitrobenzene	94		98		40-140	4		50
NDPA/DPA	95		93		36-157	2		50

Lab Control Sample Analysis

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Project Name: WEBSTER AVE, BRONX

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,07 Batch: WG1935035-2 WG1935035-3								
n-Nitrosodi-n-propylamine	94		97		32-121	3		50
Bis(2-ethylhexyl)phthalate	108		105		40-140	3		50
Butyl benzyl phthalate	116		113		40-140	3		50
Di-n-butylphthalate	103		101		40-140	2		50
Di-n-octylphthalate	117		114		40-140	3		50
Diethyl phthalate	99		98		40-140	1		50
Dimethyl phthalate	107		105		40-140	2		50
Benzo(a)anthracene	92		92		40-140	0		50
Benzo(a)pyrene	99		98		40-140	1		50
Benzo(b)fluoranthene	102		100		40-140	2		50
Benzo(k)fluoranthene	93		91		40-140	2		50
Chrysene	89		87		40-140	2		50
Acenaphthylene	99		99		40-140	0		50
Anthracene	93		91		40-140	2		50
Benzo(ghi)perylene	94		94		40-140	0		50
Fluorene	93		92		40-140	1		50
Phenanthrene	90		89		40-140	1		50
Dibenzo(a,h)anthracene	94		95		40-140	1		50
Indeno(1,2,3-cd)pyrene	96		97		40-140	1		50
Pyrene	96		95		35-142	1		50
Biphenyl	88		89		37-127	1		50
4-Chloroaniline	93		92		40-140	1		50
2-Nitroaniline	121		120		47-134	1		50

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,07 Batch: WG1935035-2 WG1935035-3								
3-Nitroaniline	94		91		26-129	3		50
4-Nitroaniline	97		94		41-125	3		50
Dibenzofuran	92		92		40-140	0		50
2-Methylnaphthalene	95		98		40-140	3		50
1,2,4,5-Tetrachlorobenzene	87		87		40-117	0		50
Acetophenone	86		88		14-144	2		50
2,4,6-Trichlorophenol	109		109		30-130	0		50
p-Chloro-m-cresol	**109**	Q	**109**	Q	26-103	0		50
2-Chlorophenol	92		95		25-102	3		50
2,4-Dichlorophenol	107		108		30-130	1		50
2,4-Dimethylphenol	121		122		30-130	1		50
2-Nitrophenol	118		122		30-130	3		50
4-Nitrophenol	108		107		11-114	1		50
2,4-Dinitrophenol	65		106		4-130	48		50
4,6-Dinitro-o-cresol	92		116		10-130	23		50
Pentachlorophenol	109		106		17-109	3		50
Phenol	87		88		26-90	1		50
2-Methylphenol	98		99		30-130.	1		50
3-Methylphenol/4-Methylphenol	108		109		30-130	1		50
2,4,5-Trichlorophenol	114		112		30-130	2		50
Benzoic Acid	10		**8**	Q	10-110	20		50
Benzyl Alcohol	102		105		40-140	3		50
Carbazole	92		91		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,07 Batch: WG1935035-2 WG1935035-3								
1,4-Dioxane	51		50		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		87		25-120
Phenol-d6	89		89		10-120
Nitrobenzene-d5	93		92		23-120
2-Fluorobiphenyl	92		91		30-120
2,4,6-Tribromophenol	124		119		10-136
4-Terphenyl-d14	92		88		18-120

Lab Control Sample Analysis

Batch Quality Control

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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05,07 Batch: WG1937801-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	116		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	118		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	124		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	110		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	114		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	112		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	119		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	117		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	123		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	125		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	112		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	**151**	Q	-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	116		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	135		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	137		-		40-150	-		30

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Batch Quality Control

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Lab Number: L2433160

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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05,07 Batch: WG1937801-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83				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)	86				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	111				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)	85				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**164**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05,07 Batch: WG1937801-3								
Perfluorobutanoic Acid (PFBA)	98		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	105		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	87		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	100		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	91		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	107		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	100		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	104		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	117		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	122		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 04-05,07 Batch: WG1937801-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				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)	86				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107				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)	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)	83				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)	102				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	40				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1937841-2 WG1937841-3								
Acenaphthene	73		85		31-137	15		50
1,2,4-Trichlorobenzene	72		85		38-107	17		50
Hexachlorobenzene	75		90		40-140	18		50
Bis(2-chloroethyl)ether	80		94		40-140	16		50
2-Chloronaphthalene	71		82		40-140	14		50
1,2-Dichlorobenzene	73		84		40-140	14		50
1,3-Dichlorobenzene	70		82		40-140	16		50
1,4-Dichlorobenzene	71		83		28-104	16		50
3,3'-Dichlorobenzidine	64		86		40-140	29		50
2,4-Dinitrotoluene	83		100		40-132	19		50
2,6-Dinitrotoluene	78		93		40-140	18		50
Fluoranthene	76		92		40-140	19		50
4-Chlorophenyl phenyl ether	72		86		40-140	18		50
4-Bromophenyl phenyl ether	76		92		40-140	19		50
Bis(2-chloroisopropyl)ether	54		65		40-140	18		50
Bis(2-chloroethoxy)methane	81		95		40-117	16		50
Hexachlorobutadiene	76		88		40-140	15		50
Hexachlorocyclopentadiene	65		75		40-140	14		50
Hexachloroethane	81		93		40-140	14		50
Isophorone	81		94		40-140	15		50
Naphthalene	71		82		40-140	14		50
Nitrobenzene	82		97		40-140	17		50
NDPA/DPA	72		87		36-157	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

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: WG1937841-2 WG1937841-3								
n-Nitrosodi-n-propylamine	80		96		32-121	18		50
Bis(2-ethylhexyl)phthalate	76		90		40-140	17		50
Butyl benzyl phthalate	85		104		40-140	20		50
Di-n-butylphthalate	82		97		40-140	17		50
Di-n-octylphthalate	91		110		40-140	19		50
Diethyl phthalate	77		90		40-140	16		50
Dimethyl phthalate	71		86		40-140	19		50
Benzo(a)anthracene	78		91		40-140	15		50
Benzo(a)pyrene	81		96		40-140	17		50
Benzo(b)fluoranthene	82		98		40-140	18		50
Benzo(k)fluoranthene	72		89		40-140	21		50
Chrysene	78		90		40-140	14		50
Acenaphthylene	68		80		40-140	16		50
Anthracene	78		90		40-140	14		50
Benzo(ghi)perylene	80		93		40-140	15		50
Fluorene	72		85		40-140	17		50
Phenanthrene	73		86		40-140	16		50
Dibenzo(a,h)anthracene	78		91		40-140	15		50
Indeno(1,2,3-cd)pyrene	82		96		40-140	16		50
Pyrene	77		92		35-142	18		50
Biphenyl	61		70		37-127	14		50
4-Chloroaniline	77		94		40-140	20		50
2-Nitroaniline	85		101		47-134	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

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: WG1937841-2 WG1937841-3								
3-Nitroaniline	68		92		26-129	30		50
4-Nitroaniline	75		95		41-125	24		50
Dibenzofuran	72		84		40-140	15		50
2-Methylnaphthalene	73		83		40-140	13		50
1,2,4,5-Tetrachlorobenzene	66		76		40-117	14		50
Acetophenone	72		85		14-144	17		50
2,4,6-Trichlorophenol	78		94		30-130	19		50
p-Chloro-m-cresol	86		100		26-103	15		50
2-Chlorophenol	80		98		25-102	20		50
2,4-Dichlorophenol	80		94		30-130	16		50
2,4-Dimethylphenol	92		112		30-130	20		50
2-Nitrophenol	91		112		30-130	21		50
4-Nitrophenol	89		114		11-114	25		50
2,4-Dinitrophenol	80		100		4-130	22		50
4,6-Dinitro-o-cresol	85		105		10-130	21		50
Pentachlorophenol	65		82		17-109	23		50
Phenol	80		**95**	Q	26-90	17		50
2-Methylphenol	84		102		30-130.	19		50
3-Methylphenol/4-Methylphenol	88		107		30-130	19		50
2,4,5-Trichlorophenol	78		92		30-130	16		50
Benzoic Acid	66		80		10-110	19		50
Benzyl Alcohol	86		103		40-140	18		50
Carbazole	75		89		54-128	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1937841-2 WG1937841-3								
1,4-Dioxane	60		75		40-140	22		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		102		25-120
Phenol-d6	80		96		10-120
Nitrobenzene-d5	80		95		23-120
2-Fluorobiphenyl	66		77		30-120
2,4,6-Tribromophenol	82		100		10-136
4-Terphenyl-d14	72		86		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1937998-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	96		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	93		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	104		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	91		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	96		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	93		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	100		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	94		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	93		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	92		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	88		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	115		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

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: WG1937998-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93				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)	72				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105				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)	84				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)	88				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**179**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

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: WG1937998-3								
Perfluorobutanoic Acid (PFBA)	98		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	101		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	89		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	101		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	105		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	106		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	108		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	99		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	126		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	111		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1937998-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				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)	73				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81				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)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**207**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49				20-150

PCBS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01
Client ID: TWP-1
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 07:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/19/24 03:47
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 06/18/24 17:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/24

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	83		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02
Client ID: TWP-2
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 08:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/19/24 03:56
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 06/18/24 17:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/24

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	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	142		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04
Client ID: B-14 (6.5-7)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 09:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 12:02
Analyst: AD
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.8	4.60	1	A
Aroclor 1221	ND		ug/kg	51.8	5.19	1	A
Aroclor 1232	ND		ug/kg	51.8	11.0	1	A
Aroclor 1242	ND		ug/kg	51.8	6.98	1	A
Aroclor 1248	ND		ug/kg	51.8	7.77	1	A
Aroclor 1254	ND		ug/kg	51.8	5.66	1	A
Aroclor 1260	ND		ug/kg	51.8	9.57	1	A
Aroclor 1262	ND		ug/kg	51.8	6.58	1	A
Aroclor 1268	ND		ug/kg	51.8	5.36	1	A
PCBs, Total	ND		ug/kg	51.8	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05
Client ID: B-17 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 10:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 12:10
Analyst: AD
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.1	4.90	1	A
Aroclor 1221	ND		ug/kg	55.1	5.52	1	A
Aroclor 1232	ND		ug/kg	55.1	11.7	1	A
Aroclor 1242	ND		ug/kg	55.1	7.43	1	A
Aroclor 1248	ND		ug/kg	55.1	8.27	1	A
Aroclor 1254	37.5	J	ug/kg	55.1	6.03	1	A
Aroclor 1260	51.0	J	ug/kg	55.1	10.2	1	B
Aroclor 1262	ND		ug/kg	55.1	7.00	1	A
Aroclor 1268	ND		ug/kg	55.1	5.71	1	A
PCBs, Total	88.5	J	ug/kg	55.1	4.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06
Client ID: B-18 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 10:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/23/24 11:15
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 03:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.97	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.55	1	A
Aroclor 1248	ND		ug/kg	56.0	8.40	1	A
Aroclor 1254	18.2	J	ug/kg	56.0	6.13	1	A
Aroclor 1260	28.4	J	ug/kg	56.0	10.4	1	A
Aroclor 1262	ND		ug/kg	56.0	7.11	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	A
PCBs, Total	46.6	J	ug/kg	56.0	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 11:10
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 12:18
Analyst: AD
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.8	4.60	1	A
Aroclor 1221	ND		ug/kg	51.8	5.20	1	A
Aroclor 1232	ND		ug/kg	51.8	11.0	1	A
Aroclor 1242	ND		ug/kg	51.8	6.99	1	A
Aroclor 1248	ND		ug/kg	51.8	7.78	1	A
Aroclor 1254	12.7	J	ug/kg	51.8	5.67	1	A
Aroclor 1260	13.0	J	ug/kg	51.8	9.58	1	B
Aroclor 1262	ND		ug/kg	51.8	6.59	1	A
Aroclor 1268	ND		ug/kg	51.8	5.37	1	A
PCBs, Total	25.7	J	ug/kg	51.8	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/17/24 11:23
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04-05,07 Batch: WG1935045-1						
Aroclor 1016	ND		ug/kg	45.6	4.05	A
Aroclor 1221	ND		ug/kg	45.6	4.57	A
Aroclor 1232	ND		ug/kg	45.6	9.67	A
Aroclor 1242	ND		ug/kg	45.6	6.15	A
Aroclor 1248	ND		ug/kg	45.6	6.84	A
Aroclor 1254	ND		ug/kg	45.6	4.99	A
Aroclor 1260	ND		ug/kg	45.6	8.43	A
Aroclor 1262	ND		ug/kg	45.6	5.79	A
Aroclor 1268	ND		ug/kg	45.6	4.73	A
PCBs, Total	ND		ug/kg	45.6	4.05	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/19/24 01:11
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 06/18/24 13:11
Cleanup Method: EPA 3665A
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1935917-1						
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	88		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	135		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/23/24 10:03
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/22/24 03:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06 Batch: WG1937835-1						
Aroclor 1016	ND		ug/kg	47.8	4.24	A
Aroclor 1221	ND		ug/kg	47.8	4.79	A
Aroclor 1232	ND		ug/kg	47.8	10.1	A
Aroclor 1242	ND		ug/kg	47.8	6.44	A
Aroclor 1248	ND		ug/kg	47.8	7.17	A
Aroclor 1254	ND		ug/kg	47.8	5.23	A
Aroclor 1260	ND		ug/kg	47.8	8.83	A
Aroclor 1262	ND		ug/kg	47.8	6.07	A
Aroclor 1268	ND		ug/kg	47.8	4.95	A
PCBs, Total	ND		ug/kg	47.8	4.24	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	83		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04-05,07 Batch: WG1935045-2 WG1935045-3									
Aroclor 1016	98		100		40-140	2		50	A
Aroclor 1260	80		83		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		79		30-150	A
Decachlorobiphenyl	72		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		84		30-150	B
Decachlorobiphenyl	82		89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1935917-2 WG1935917-3									
Aroclor 1016	93		87		40-140	7		50	A
Aroclor 1260	91		86		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		86		30-150	A
Decachlorobiphenyl	88		102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		86		30-150	B
Decachlorobiphenyl	133		143		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1937835-2 WG1937835-3									
Aroclor 1016	88		88		40-140	0		50	A
Aroclor 1260	80		78		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		78		30-150	A
Decachlorobiphenyl	77		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		84		30-150	B
Decachlorobiphenyl	84		86		30-150	B

PESTICIDES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01
Client ID: TWP-1
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 07:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/19/24 10:41
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/19/24 05:15

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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01 Date Collected: 06/12/24 07:45

Client ID: TWP-1 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	83		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02
Client ID: TWP-2
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 08:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/19/24 10:52
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/19/24 05:15

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: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02 Date Collected: 06/12/24 08:15

Client ID: TWP-2 Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	79		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04
Client ID: B-14 (6.5-7)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 09:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/18/24 22:17
Analyst: MMG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.691	0.309	1	A
Alpha-BHC	ND		ug/kg	0.691	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.933	1	A
Endrin	ND		ug/kg	0.691	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.726	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	0.705	J	ug/kg	1.04	0.518	1	B
4,4'-DDE	0.935	J	ug/kg	1.66	0.384	1	B
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	2.74		ug/kg	1.66	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.691	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.968	1	A
Toxaphene	ND		ug/kg	31.1	8.71	1	A
cis-Chlordane	3.06	IP	ug/kg	2.07	0.578	1	B
trans-Chlordane	5.29		ug/kg	2.07	0.548	1	A
Chlordane	39.5		ug/kg	13.8	5.50	1	B

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04 Date Collected: 06/12/24 09:45

Client ID: B-14 (6.5-7) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05
Client ID: B-17 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 10:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/18/24 22:28
Analyst: MMG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.749	0.335	1	A
Alpha-BHC	ND		ug/kg	0.749	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	ND		ug/kg	0.899	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.749	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.786	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	ND		ug/kg	1.12	0.562	1	A
4,4'-DDE	0.505	J	ug/kg	1.80	0.416	1	B
4,4'-DDD	1.13	J	ug/kg	1.80	0.641	1	B
4,4'-DDT	ND		ug/kg	1.80	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.601	1	A
Endosulfan sulfate	ND		ug/kg	0.749	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	1.79	J	ug/kg	2.25	0.626	1	A
trans-Chlordane	1.72	JIP	ug/kg	2.25	0.593	1	A
Chlordane	11.3	JIP	ug/kg	15.0	5.95	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05 Date Collected: 06/12/24 10:15

Client ID: B-17 (3-3.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	43		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06
Client ID: B-18 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 10:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/24/24 08:26
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.337	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.904	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	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.791	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.565	1	A
4,4'-DDE	ND		ug/kg	1.81	0.418	1	A
4,4'-DDD	2.21		ug/kg	1.81	0.645	1	B
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	9.49	1	A
cis-Chlordane	ND		ug/kg	2.26	0.630	1	A
trans-Chlordane	ND		ug/kg	2.26	0.596	1	A
Chlordane	ND		ug/kg	15.1	5.99	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06 Date Collected: 06/12/24 10:00

Client ID: B-18 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	59		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/12/24 11:10
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/18/24 22:39
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.692	0.310	1	A
Alpha-BHC	ND		ug/kg	0.692	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.831	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.935	1	A
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.727	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.519	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	4.60		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	0.555	1	A
Endosulfan sulfate	ND		ug/kg	0.692	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	0.836	J	ug/kg	2.08	0.579	1	A
trans-Chlordane	ND		ug/kg	2.08	0.548	1	A
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07 Date Collected: 06/12/24 11:10

Client ID: B-19 (4-4.5) Date Received: 06/12/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	57		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/18/24 21:21
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04-05,07 Batch: WG1935042-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.763	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.954	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.544	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.890	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/18/24 21:21
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04-05,07 Batch: WG1935042-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/19/24 09:57
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/19/24 05:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1936228-1						
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/19/24 09:57
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/19/24 05:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1936228-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/24/24 07:53
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06 Batch: WG1937822-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.588	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	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.399	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	0.553	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.905	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/24/24 07:53
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/22/24 01:08
Cleanup Method: EPA 3620B
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06 Batch: WG1937822-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04-05,07 Batch: WG1935042-2 WG1935042-3									
Delta-BHC	80		80		30-150	0		30	A
Lindane	69		73		30-150	6		30	A
Alpha-BHC	70		73		30-150	4		30	A
Beta-BHC	68		72		30-150	6		30	A
Heptachlor	70		74		30-150	6		30	A
Aldrin	68		71		30-150	4		30	A
Heptachlor epoxide	58		60		30-150	3		30	A
Endrin	71		77		30-150	8		30	A
Endrin aldehyde	55		66		30-150	18		30	A
Endrin ketone	65		72		30-150	10		30	A
Dieldrin	73		78		30-150	7		30	A
4,4'-DDE	65		70		30-150	7		30	A
4,4'-DDD	72		78		30-150	8		30	A
4,4'-DDT	74		79		30-150	7		30	A
Endosulfan I	65		70		30-150	7		30	A
Endosulfan II	68		74		30-150	8		30	A
Endosulfan sulfate	63		69		30-150	9		30	A
Methoxychlor	84		93		30-150	10		30	A
cis-Chlordane	62		66		30-150	6		30	A
trans-Chlordane	73		77		30-150	5		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04-05,07 Batch: WG1935042-2 WG1935042-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		65		30-150	A
Decachlorobiphenyl	62		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		75		30-150	B
Decachlorobiphenyl	70		77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1936228-2 WG1936228-3									
Delta-BHC	82		88		30-150	8		20	A
Lindane	83		87		30-150	4		20	A
Alpha-BHC	82		87		30-150	6		20	A
Beta-BHC	90		94		30-150	3		20	A
Heptachlor	90		92		30-150	2		20	A
Aldrin	83		87		30-150	4		20	A
Heptachlor epoxide	87		90		30-150	4		20	A
Endrin	90		94		30-150	4		20	A
Endrin aldehyde	87		93		30-150	7		20	A
Endrin ketone	96		103		30-150	7		20	A
Dieldrin	96		100		30-150	4		20	A
4,4'-DDE	88		90		30-150	3		20	A
4,4'-DDD	95		100		30-150	5		20	A
4,4'-DDT	96		99		30-150	4		20	A
Endosulfan I	85		89		30-150	4		20	A
Endosulfan II	92		98		30-150	6		20	A
Endosulfan sulfate	89		96		30-150	7		20	A
Methoxychlor	118		123		30-150	4		20	A
cis-Chlordane	81		82		30-150	1		20	A
trans-Chlordane	97		97		30-150	1		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1936228-2 WG1936228-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		77		30-150	A
Decachlorobiphenyl	82		89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		85		30-150	B
Decachlorobiphenyl	92		98		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

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: WG1937822-2 WG1937822-3									
Delta-BHC	95		87		30-150	9		30	A
Lindane	85		81		30-150	5		30	A
Alpha-BHC	88		84		30-150	5		30	A
Beta-BHC	82		77		30-150	6		30	A
Heptachlor	84		81		30-150	4		30	A
Aldrin	84		80		30-150	5		30	A
Heptachlor epoxide	73		76		30-150	4		30	A
Endrin	89		85		30-150	5		30	A
Endrin aldehyde	76		76		30-150	0		30	A
Endrin ketone	83		81		30-150	2		30	A
Dieldrin	92		90		30-150	2		30	A
4,4'-DDE	82		81		30-150	1		30	A
4,4'-DDD	90		88		30-150	2		30	A
4,4'-DDT	91		88		30-150	3		30	A
Endosulfan I	82		81		30-150	1		30	A
Endosulfan II	87		84		30-150	4		30	A
Endosulfan sulfate	78		77		30-150	1		30	A
Methoxychlor	103		98		30-150	5		30	A
cis-Chlordane	78		78		30-150	0		30	A
trans-Chlordane	92		89		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06 Batch: WG1937822-2 WG1937822-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		77		30-150	A
Decachlorobiphenyl	76		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		89		30-150	B
Decachlorobiphenyl	100		95		30-150	B

METALS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01
Client ID: TWP-1
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 07:45
Date Received: 06/12/24
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	1.31		mg/l	0.0100	0.00327	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00063		mg/l	0.00050	0.00016	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Barium, Total	0.2369		mg/l	0.00050	0.00017	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00012	J	mg/l	0.00020	0.00005	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Calcium, Total	120.		mg/l	0.100	0.0394	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00621		mg/l	0.00100	0.00017	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00470		mg/l	0.00050	0.00016	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Copper, Total	0.00990		mg/l	0.00100	0.00038	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Iron, Total	3.10		mg/l	0.0500	0.0191	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Lead, Total	0.00222		mg/l	0.00100	0.00034	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Magnesium, Total	41.0		mg/l	0.0700	0.0242	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Manganese, Total	0.7062		mg/l	0.00100	0.00044	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/16/24 17:40	06/19/24 11:04	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00645		mg/l	0.00200	0.00055	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Potassium, Total	5.49		mg/l	0.100	0.0309	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00744		mg/l	0.00500	0.00173	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Sodium, Total	26.1		mg/l	0.100	0.0293	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.00482	J	mg/l	0.00500	0.00157	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF
Zinc, Total	0.02054		mg/l	0.01000	0.00341	1	06/16/24 15:55	06/19/24 11:51	EPA 3005A	1,6020B	EJF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02
Client ID: TWP-2
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 08:15
Date Received: 06/12/24
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	0.0273		mg/l	0.0100	0.00327	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Barium, Total	0.08563		mg/l	0.00050	0.00017	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Calcium, Total	128.		mg/l	0.100	0.0394	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00059	J	mg/l	0.00100	0.00017	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00047	J	mg/l	0.00050	0.00016	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Copper, Total	0.00077	J	mg/l	0.00100	0.00038	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Iron, Total	0.0538		mg/l	0.0500	0.0191	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Magnesium, Total	51.5		mg/l	0.0700	0.0242	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Manganese, Total	0.04474		mg/l	0.00100	0.00044	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/16/24 17:40	06/17/24 10:18	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00107	J	mg/l	0.00200	0.00055	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Potassium, Total	3.83		mg/l	0.100	0.0309	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00216	J	mg/l	0.00500	0.00173	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Sodium, Total	60.8		mg/l	0.100	0.0293	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00409	J	mg/l	0.01000	0.00341	1	06/16/24 15:55	06/19/24 11:56	EPA 3005A	1,6020B	EJF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04
Client ID: B-14 (6.5-7)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 09:45
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	3500		mg/kg	8.27	2.23	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.14	0.314	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Arsenic, Total	0.640	J	mg/kg	0.827	0.172	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Barium, Total	41.7		mg/kg	0.827	0.144	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.112	J	mg/kg	0.414	0.027	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.827	0.081	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Calcium, Total	2030		mg/kg	8.27	2.89	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Chromium, Total	25.0		mg/kg	0.827	0.079	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Cobalt, Total	1.50	J	mg/kg	1.65	0.137	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Copper, Total	8.90		mg/kg	0.827	0.213	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Iron, Total	3920		mg/kg	4.14	0.747	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Lead, Total	61.9		mg/kg	4.14	0.222	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Magnesium, Total	1170		mg/kg	8.27	1.27	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Manganese, Total	38.8		mg/kg	0.827	0.132	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.069	0.045	1	06/18/24 12:35	06/19/24 13:25	EPA 7471B	1,7471B	JWN
Nickel, Total	6.38		mg/kg	2.07	0.200	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Potassium, Total	311		mg/kg	207	11.9	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.65	0.213	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.414	0.234	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Sodium, Total	64.7	J	mg/kg	165	2.60	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.65	0.260	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Vanadium, Total	6.53		mg/kg	0.827	0.168	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL
Zinc, Total	31.8		mg/kg	4.14	0.242	2	06/18/24 11:25	06/18/24 20:12	EPA 3050B	1,6010D	DHL

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05
Client ID: B-17 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 10:15
Date Received: 06/12/24
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	6930		mg/kg	9.10	2.46	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Antimony, Total	0.559	J	mg/kg	4.55	0.346	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.70		mg/kg	0.910	0.189	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Barium, Total	109		mg/kg	0.910	0.158	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.220	J	mg/kg	0.455	0.030	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.910	0.089	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Calcium, Total	36800		mg/kg	9.10	3.19	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Chromium, Total	22.3		mg/kg	0.910	0.087	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.69		mg/kg	1.82	0.151	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Copper, Total	34.5		mg/kg	0.910	0.235	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Iron, Total	15500		mg/kg	4.55	0.822	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Lead, Total	126		mg/kg	4.55	0.244	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Magnesium, Total	5500		mg/kg	9.10	1.40	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Manganese, Total	218		mg/kg	0.910	0.145	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Mercury, Total	0.128		mg/kg	0.074	0.049	1	06/18/24 12:35	06/19/24 13:28	EPA 7471B	1,7471B	JWN
Nickel, Total	16.4		mg/kg	2.28	0.220	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Potassium, Total	2010		mg/kg	228	13.1	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.82	0.235	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Silver, Total	0.442	J	mg/kg	0.455	0.258	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Sodium, Total	106	J	mg/kg	182	2.87	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Thallium, Total	0.866	J	mg/kg	1.82	0.287	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Vanadium, Total	30.2		mg/kg	0.910	0.185	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL
Zinc, Total	116		mg/kg	4.55	0.267	2	06/18/24 11:25	06/18/24 20:16	EPA 3050B	1,6010D	DHL

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06
Client ID: B-18 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 10:00
Date Received: 06/12/24
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	9810		mg/kg	9.02	2.44	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.51	0.343	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Arsenic, Total	7.18		mg/kg	0.902	0.188	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Barium, Total	86.4		mg/kg	0.902	0.157	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.576		mg/kg	0.451	0.030	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.219	J	mg/kg	0.902	0.088	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Calcium, Total	52500		mg/kg	9.02	3.16	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Chromium, Total	21.6		mg/kg	0.902	0.087	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.79		mg/kg	1.80	0.150	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Copper, Total	29.0		mg/kg	0.902	0.233	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Iron, Total	16700		mg/kg	4.51	0.815	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Lead, Total	111		mg/kg	4.51	0.242	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Magnesium, Total	9880		mg/kg	9.02	1.39	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Manganese, Total	331		mg/kg	0.902	0.143	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Mercury, Total	0.315		mg/kg	0.074	0.048	1	06/21/24 10:10	06/22/24 15:07	EPA 7471B	1,7471B	MJR
Nickel, Total	15.5		mg/kg	2.26	0.218	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Potassium, Total	1910		mg/kg	226	13.0	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.80	0.233	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.451	0.255	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Sodium, Total	249		mg/kg	180	2.84	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Thallium, Total	0.556	J	mg/kg	1.80	0.284	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Vanadium, Total	33.2		mg/kg	0.902	0.183	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC
Zinc, Total	73.3		mg/kg	4.51	0.264	2	06/21/24 08:10	06/21/24 17:17	EPA 3050B	1,6010D	DMC

Project Name: WEBSTER AVE, BRONX
Lab Number: L2433160
Project Number: 13581
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/12/24 11:10
Date Received: 06/12/24
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	10700		mg/kg	8.57	2.31	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.28	0.326	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.22		mg/kg	0.857	0.178	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Barium, Total	79.1		mg/kg	0.857	0.149	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.330	J	mg/kg	0.428	0.028	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.857	0.084	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Calcium, Total	5830		mg/kg	8.57	3.00	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Chromium, Total	25.8		mg/kg	0.857	0.082	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.91		mg/kg	1.71	0.142	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Copper, Total	54.8		mg/kg	0.857	0.221	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Iron, Total	20000		mg/kg	4.28	0.774	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Lead, Total	69.8		mg/kg	4.28	0.230	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Magnesium, Total	5450		mg/kg	8.57	1.32	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Manganese, Total	219		mg/kg	0.857	0.136	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Mercury, Total	0.261		mg/kg	0.070	0.046	1	06/18/24 12:35	06/19/24 13:38	EPA 7471B	1,7471B	JWN
Nickel, Total	17.2		mg/kg	2.14	0.207	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Potassium, Total	1730		mg/kg	214	12.3	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Silver, Total	0.471		mg/kg	0.428	0.242	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Sodium, Total	103	J	mg/kg	171	2.70	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Thallium, Total	0.752	J	mg/kg	1.71	0.270	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Vanadium, Total	36.8		mg/kg	0.857	0.174	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL
Zinc, Total	79.1		mg/kg	4.28	0.251	2	06/18/24 11:25	06/18/24 20:19	EPA 3050B	1,6010D	DHL

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

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: WG1934994-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Manganese, Total	0.00313		mg/l	0.00100	0.00044	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Sodium, Total	0.0497	J	mg/l	0.100	0.0293	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Thallium, Total	0.00023	J	mg/l	0.00100	0.00014	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/16/24 15:55	06/17/24 10:27	1,6020B	EJF

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): 01-02 Batch: WG1934995-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/16/24 17:40	06/17/24 09:53	1,7470A	JWN

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

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): 04-05,07 Batch: WG1935625-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Iron, Total	5.88		mg/kg	2.00	0.361	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Manganese, Total	0.082	J	mg/kg	0.400	0.064	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04-05,07 Batch: WG1935628-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/18/24 12:35	06/19/24 11:50	1,7471B	JWN

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): 06 Batch: WG1937400-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Antimony, Total	0.176	J	mg/kg	2.00	0.152	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Iron, Total	0.822	J	mg/kg	2.00	0.361	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Manganese, Total	0.099	J	mg/kg	0.400	0.064	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/21/24 08:10	06/21/24 10:39	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

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): 06 Batch: WG1937401-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/21/24 10:10	06/22/24 14:37	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1934994-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	109		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	111		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	99		-		80-120	-		
Copper, Total	101		-		80-120	-		
Iron, Total	105		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	92		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	99		-		80-120	-		
Thallium, Total	108		-		80-120	-		
Vanadium, Total	86		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1934994-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1934995-2					
Mercury, Total	88	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-05,07 Batch: WG1935625-2					
Aluminum, Total	101	-	80-120	-	
Antimony, Total	100	-	80-120	-	
Arsenic, Total	92	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	101	-	80-120	-	
Cadmium, Total	96	-	80-120	-	
Calcium, Total	97	-	80-120	-	
Chromium, Total	97	-	80-120	-	
Cobalt, Total	98	-	80-120	-	
Copper, Total	98	-	80-120	-	
Iron, Total	113	-	80-120	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	96	-	80-120	-	
Manganese, Total	97	-	80-120	-	
Nickel, Total	96	-	80-120	-	
Potassium, Total	98	-	80-120	-	
Selenium, Total	95	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	98	-	80-120	-	
Thallium, Total	97	-	80-120	-	
Vanadium, Total	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-05,07 Batch: WG1935625-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 04-05,07 Batch: WG1935628-2					
Mercury, Total	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1937400-2					
Aluminum, Total	106	-	80-120	-	
Antimony, Total	105	-	80-120	-	
Arsenic, Total	99	-	80-120	-	
Barium, Total	103	-	80-120	-	
Beryllium, Total	104	-	80-120	-	
Cadmium, Total	100	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	101	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	99	-	80-120	-	
Magnesium, Total	97	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Potassium, Total	106	-	80-120	-	
Selenium, Total	99	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	104	-	80-120	-	
Thallium, Total	93	-	80-120	-	
Vanadium, Total	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1937400-2					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1937401-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

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: WG1934994-3 WG1934994-4 QC Sample: L2432682-03 Client ID: MS Sample												
Aluminum, Total	0.236	2	2.15	96		2.24	100		75-125	4		20
Antimony, Total	ND	0.5	0.5138	103		0.5194	104		75-125	1		20
Arsenic, Total	0.0003J	0.12	0.1242	104		0.1292	108		75-125	4		20
Barium, Total	14.47	2	15.33	**43**	Q	15.68	**60**	Q	75-125	2		20
Beryllium, Total	ND	0.05	0.05316	106		0.05395	108		75-125	1		20
Cadmium, Total	ND	0.053	0.05580	105		0.05702	108		75-125	2		20
Calcium, Total	59.3	10	93.0	**337**	Q	92.0	**327**	Q	75-125	1		20
Chromium, Total	0.0007J	0.2	0.1871	94		0.1894	95		75-125	1		20
Cobalt, Total	0.0003J	0.5	0.5033	101		0.5084	102		75-125	1		20
Copper, Total	0.0024	0.25	0.2586	102		0.2611	103		75-125	1		20
Iron, Total	1.09	1	2.27	118		2.27	118		75-125	0		20
Lead, Total	0.0006J	0.53	0.5310	100		0.5407	102		75-125	2		20
Magnesium, Total	27.4	10	44.8	**174**	Q	46.0	**186**	Q	75-125	3		20
Manganese, Total	1.586	0.5	2.260	**135**	Q	2.307	**144**	Q	75-125	2		20
Nickel, Total	0.0009J	0.5	0.5110	102		0.5169	103		75-125	1		20
Potassium, Total	11.0	10	21.6	106		21.8	108		75-125	1		20
Selenium, Total	ND	0.12	0.0349J	**29**	Q	0.0322J	**27**	Q	75-125	8		20
Silver, Total	ND	0.05	0.05236	105		0.05252	105		75-125	0		20
Sodium, Total	128	10	164	**360**	Q	169	**410**	Q	75-125	3		20
Thallium, Total	ND	0.12	0.1327	110		0.1368	114		75-125	3		20
Vanadium, Total	ND	0.5	0.4256	85		0.4211	84		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

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: WG1934994-3 WG1934994-4 QC Sample: L2432682-03 Client ID: MS Sample									
Zinc, Total	0.0071J	0.5	0.5066	101	0.5132	103	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1934995-3 QC Sample: L2433817-01 Client ID: MS Sample									
Mercury, Total	0.00015J	0.005	0.00469	94	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-05,07 QC Batch ID: WG1935625-3 WG1935625-4 QC Sample: L2433099-08 Client ID: MS Sample												
Aluminum, Total	5520	174	6080	**322**	Q	5750	**132**	Q	75-125	6		20
Antimony, Total	1.74J	43.5	39.1	90		39.1	90		75-125	0		20
Arsenic, Total	17.0	10.4	26.9	95		26.7	93		75-125	1		20
Barium, Total	69.2	174	229	92		230	93		75-125	0		20
Beryllium, Total	0.390J	4.35	4.63	106		4.48	103		75-125	3		20
Cadmium, Total	0.277J	4.61	4.06	88		4.21	92		75-125	4		20
Calcium, Total	14800	870	24600	**1120**	Q	13000	**0**	Q	75-125	**62**	Q	20
Chromium, Total	15.5	17.4	32.4	97		31.9	94		75-125	2		20
Cobalt, Total	5.44	43.5	43.8	88		43.7	88		75-125	0		20
Copper, Total	85.4	21.8	100	**67**	Q	108	104		75-125	8		20
Iron, Total	21700	87	23600	**2180**	Q	22300	**691**	Q	75-125	6		20
Lead, Total	209	46.1	242	**72**	Q	233	**52**	Q	75-125	4		20
Magnesium, Total	5090	870	8480	**389**	Q	5650	**64**	Q	75-125	**40**	Q	20
Manganese, Total	389	43.5	449	**138**	Q	395	**14**	Q	75-125	13		20
Nickel, Total	14.6	43.5	53.4	89		52.6	88		75-125	2		20
Potassium, Total	459	870	1330	100		1250	91		75-125	6		20
Selenium, Total	ND	10.4	9.44	90		9.26	89		75-125	2		20
Silver, Total	1.19	4.35	5.39	96		5.29	94		75-125	2		20
Sodium, Total	103J	870	956	110		915	105		75-125	4		20
Thallium, Total	ND	10.4	9.57	92		9.23	89		75-125	4		20
Vanadium, Total	15.2	43.5	56.8	96		56.1	94		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-05,07 QC Batch ID: WG1935625-3 WG1935625-4 QC Sample: L2433099-08 Client ID: MS Sample										
Zinc, Total	196	43.5	218	**50**	Q	230	78	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 04-05,07 QC Batch ID: WG1935628-3 WG1935628-4 QC Sample: L2433099-08 Client ID: MS Sample										
Mercury, Total	0.419	1.4	1.86	102		1.91	106	80-120	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

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: WG1937400-3 QC Sample: L2435064-06 Client ID: MS Sample										
Aluminum, Total	13800	187	11200	**0**	Q	-	-	75-125	-	20
Antimony, Total	ND	46.7	38.7	83		-	-	75-125	-	20
Arsenic, Total	6.31	11.2	17.6	101		-	-	75-125	-	20
Barium, Total	127	187	259	**71**	Q	-	-	75-125	-	20
Beryllium, Total	1.17	4.67	5.61	95		-	-	75-125	-	20
Cadmium, Total	ND	4.95	4.25	86		-	-	75-125	-	20
Calcium, Total	1350	935	2270	98		-	-	75-125	-	20
Chromium, Total	26.9	18.7	34.8	**42**	Q	-	-	75-125	-	20
Cobalt, Total	16.2	46.7	56.4	86		-	-	75-125	-	20
Copper, Total	101	23.4	87.2	**0**	Q	-	-	75-125	-	20
Iron, Total	36200	93.5	32200	**0**	Q	-	-	75-125	-	20
Lead, Total	22.1	49.5	58.7	**74**	Q	-	-	75-125	-	20
Magnesium, Total	6290	935	6600	**33**	Q	-	-	75-125	-	20
Manganese, Total	532	46.7	748	**462**	Q	-	-	75-125	-	20
Nickel, Total	30.4	46.7	67.3	79		-	-	75-125	-	20
Potassium, Total	1290	935	2480	**127**	Q	-	-	75-125	-	20
Selenium, Total	ND	11.2	8.73	78		-	-	75-125	-	20
Silver, Total	ND	4.67	4.36	93		-	-	75-125	-	20
Sodium, Total	350	935	1190	90		-	-	75-125	-	20
Thallium, Total	0.385J	11.2	9.66	86		-	-	75-125	-	20
Vanadium, Total	27.1	46.7	59.8	**70**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

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: WG1937400-3 QC Sample: L2435064-06 Client ID: MS Sample										
Zinc, Total	81.3	46.7	106	**53**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1937401-3 QC Sample: L2433890-01 Client ID: MS Sample										
Mercury, Total	ND	1.58	1.58	100		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1934995-4 QC Sample: L2433817-01 Client ID: DUP Sample						
Mercury, Total	0.00015J	0.00014J	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1937400-4 QC Sample: L2435064-06 Client ID: DUP Sample						
Lead, Total	22.1	17.4	mg/kg	**24**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1937401-4 QC Sample: L2433890-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2433160
Report Date: 07/03/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-05,07 QC Batch ID: WG1935625-6 QC Sample: L2433099-08 Client ID: DUP Sample						
Aluminum, Total	5520	5530	mg/kg	0		20
Barium, Total	69.2	69.6	mg/kg	1		20
Calcium, Total	14800	15500	mg/kg	5		20
Copper, Total	85.4	87.5	mg/kg	2		20
Iron, Total	21700	23400	mg/kg	8		20
Lead, Total	209	210	mg/kg	0		20
Magnesium, Total	5090	5410	mg/kg	6		20
Manganese, Total	389	403	mg/kg	4		20
Zinc, Total	196	209	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-01
Client ID: TWP-1
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Water
Date Collected: 06/12/24 07:45
Date Received: 06/12/24
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	06/18/24 12:45	06/18/24 16:00	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-02
Client ID: TWP-2
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Water
Date Collected: 06/12/24 08:15
Date Received: 06/12/24
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	0.003	J	mg/l	0.005	0.001	1	06/17/24 11:15	06/17/24 14:54	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-04
Client ID: B-14 (6.5-7)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/12/24 09:45
Date Received: 06/12/24
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	91.6		%	0.100	NA	1	-	06/13/24 20:22	121,2540G	SJB
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/18/24 20:00	06/19/24 14:45	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-05
Client ID: B-17 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/12/24 10:15
Date Received: 06/12/24
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	86.2		%	0.100	NA	1	-	06/13/24 20:22	121,2540G	SJB
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/18/24 20:00	06/19/24 14:46	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-06
Client ID: B-18 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 10:00
Date Received: 06/12/24
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	87.0		%	0.100	NA	1	-	06/15/24 10:52	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 06:40	06/21/24 15:18	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2433160-07
Client ID: B-19 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 11:10
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	06/13/24 20:22	121,2540G	SJB
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/18/24 20:00	06/19/24 14:47	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

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): 02 Batch: WG1935218-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/17/24 11:15	06/17/24 14:43	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1935800-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/18/24 12:45	06/18/24 15:54	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 04-05,07 Batch: WG1936098-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	06/18/24 20:00	06/19/24 14:32	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG1937369-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/21/24 06:40	06/21/24 13:50	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433160

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1935218-2 WG1935218-3								
Cyanide, Total	105		102		85-115	3		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1935800-2 WG1935800-3								
Cyanide, Total	104		104		85-115	0		20
General Chemistry - Westborough Lab Associated sample(s): 04-05,07 Batch: WG1936098-2 WG1936098-3								
Cyanide, Total	94		99		80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG1937369-2 WG1937369-3								
Cyanide, Total	99		98		80-120	1		35

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

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): 02 QC Batch ID: WG1935218-4 WG1935218-5 QC Sample: L2432996-05 Client ID: MS Sample												
Cyanide, Total	0.006	0.2	0.203	98		0.207	100		80-120	2		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1935800-4 WG1935800-5 QC Sample: L2433160-01 Client ID: TWP-1												
Cyanide, Total	ND	0.2	0.207	104		0.155	**78**	Q	80-120	**29**	Q	20
General Chemistry - Westborough Lab Associated sample(s): 04-05,07 QC Batch ID: WG1936098-4 WG1936098-5 QC Sample: L2432929-01 Client ID: MS Sample												
Cyanide, Total	ND	13	12	94		12	97		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1937369-4 WG1937369-5 QC Sample: L2434075-01 Client ID: MS Sample												
Cyanide, Total	ND	12	13	100		13	110		75-125	10		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04-05,07 QC Batch ID: WG1934112-1 QC Sample: L2432996-02 Client ID: DUP Sample						
Solids, Total	85.6	85.5	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1934736-1 QC Sample: L2433786-07 Client ID: DUP Sample						
Solids, Total	58.4	58.9	%	1		20

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

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(*)
L2433160-01A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2433160-01B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2433160-01C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2433160-01D	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2433160-01E	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2433160-01F	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2433160-01G	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2433160-01H	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2433160-01I	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2433160-01J	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-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),AG-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2433160-01K	Plastic 250ml NaOH preserved	A	>12	>12	2.7	Y	Absent		TCN-9010(14)
L2433160-02A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2433160-02B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2433160-02C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2433160-02D	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2433160-02E	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2433160-02F	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2433160-02G	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433160-02H	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2433160-02I	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2433160-02J	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2433160-02K	Plastic 250ml NaOH preserved	A	>12	>12	2.7	Y	Absent		TCN-9010(14)
L2433160-03A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2433160-03B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2433160-04A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-04B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-04C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-04D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2433160-04E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2433160-04F	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),NI-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2433160-04G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2433160-04H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2433160-04X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-04Y	Vial Water preserved split	A	NA		2.7	Y	Absent	14-JUN-24 07:57	NYTCL-8260HLW(14)
L2433160-04Z	Vial Water preserved split	A	NA		2.7	Y	Absent	14-JUN-24 07:57	NYTCL-8260HLW(14)
L2433160-05A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-05B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-05C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-05D	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(*)
L2433160-05E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2433160-05F	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),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2433160-05G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2433160-05H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2433160-05X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-05Y	Vial Water preserved split	A	NA		2.7	Y	Absent	14-JUN-24 07:57	NYTCL-8260HLW(14)
L2433160-05Z	Vial Water preserved split	A	NA		2.7	Y	Absent	14-JUN-24 07:57	NYTCL-8260HLW(14)
L2433160-06A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-06B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-06C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-06D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TCN-9010(14),TS(7)
L2433160-06E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TCN-9010(14),TS(7)
L2433160-06F	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),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-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)
L2433160-06G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2433160-06H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2433160-06X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-06Y	Vial Water preserved split	A	NA		2.7	Y	Absent	14-JUN-24 07:57	NYTCL-8260HLW(14)
L2433160-06Z	Vial Water preserved split	A	NA		2.7	Y	Absent	14-JUN-24 07:57	NYTCL-8260HLW(14)
L2433160-07A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-07B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-07C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-07D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2433160-07E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433160-07F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	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),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2433160-07G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2433160-07H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2433160-07X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2433160-07Y	Vial Water preserved split	A	NA		2.7	Y	Absent	14-JUN-24 07:57	NYTCL-8260HLW(14)
L2433160-07Z	Vial Water preserved split	A	NA		2.7	Y	Absent	14-JUN-24 07:57	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 07/03/24

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: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 07/03/24

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:	WEBSTER AVE, BRONX	**Lab Number:**	L2433160
Project Number:	13581	**Report Date:**	07/03/24

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:	WEBSTER AVE, BRONX	**Lab Number:**	L2433160
Project Number:	13581	**Report Date:**	07/03/24

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:	WEBSTER AVE, BRONX	**Lab Number:**	L2433160
Project Number:	13581	**Report Date:**	07/03/24

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:	WEBSTER AVE, BRONX	**Lab Number:**	L2433160
Project Number:	13581	**Report Date:**	07/03/24

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; 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
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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, 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

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: 6/13/24

ALPHA Job #: L2433160

Client Information
Client: GESI
Address: 959 US 46 FL 3 S300 Parsippany, NJ 07054
Phone: 973 808 9050
Fax:
Email: RMW@gesi.org

Project Information
Project Name: Webster Ave Bronx
Project Location: 2740 Webster Ave Bronx, NY
Project #: 13681
(Use Project name as Project #) ☐
Project Manager: Ryan Warren
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days: 5

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:
H → Extract and Hold for analyses

Please specify Metals or TAL.

ANALYSIS
TCL+30 TAL
PFAS (1633)
VOCs Only

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

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30 TAL	PFAS (1633)	VOCs Only	Sample Specific Comments
33160-01	TWP-1	6/12/24	745	GW	CB	✓	✓		
-02	TWP-2	↓	815	GW	CB	✓	✓		
-03	TB20240612	6/10/24		DI				✓	
-04	B-14 (6.5-7)	6/12/24	945	Soil	CB	✓	✓		
-05	B-17 (3-3.5)	↓	1015	Soil	CB	✓	✓		
-06	B-18 (4-4.5)	↓	1000	Soil	CB	H	H		Hold
-07	B-19 (4-4.5)	↓	1110	Soil	CB	✓	✓		

Container Type: A/P | A/P | Amb
Preservative: Some CW | Some CW | HCl

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
WIFI (Pace)	6/12/24	WIFI (Pace)	6/12/24 19:00
Anthony Green	6/12/24 2055	Anthony Green	JUN 12 2024 2330
			6/13/24 0200
	6/13/24 0410		6/13/24 0410

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:	L2433175
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Ryan Warren
Phone:	(973) 808-9050
Project Name:	WEBSTER AVE BRONX
Project Number:	13581
Report Date:	06/25/24

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-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: WEBSTER AVE BRONX
Project Number: 13581

Lab Number: L2433175
Report Date: 06/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433175-01	SV-1	SOIL_VAPOR	2740 WEBSTER AVE BX, NY	06/12/24 09:15	06/12/24
L2433175-02	SV-3	SOIL_VAPOR	2740 WEBSTER AVE BX, NY	06/12/24 09:25	06/12/24
L2433175-03	SV-2	SOIL_VAPOR	2740 WEBSTER AVE BX, NY	06/12/24 13:15	06/12/24
L2433175-04	SV-4	SOIL_VAPOR	2740 WEBSTER AVE BX, NY	06/12/24 12:40	06/12/24
L2433175-05	UNUSED CAN #3724	SOIL_VAPOR	2740 WEBSTER AVE BX, NY		06/12/24

Project Name:	WEBSTER AVE BRONX	**Lab Number:**	L2433175
Project Number:	13581	**Report Date:**	06/25/24

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:	WEBSTER AVE BRONX	**Lab Number:**	L2433175
Project Number:	13581	**Report Date:**	06/25/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 10, 2024. The canister certification data is provided as an addendum.

L2433175-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2433175-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2433175-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2433175-04D: 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: 06/25/24

AIR

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-01 D
Client ID: SV-1
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 09:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/21/24 01:15
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.620	0.400	--	3.07	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
Freon-114	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	ND	0.400	--	ND	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethanol	ND	10.0	--	ND	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	12.9	2.00	--	30.6	4.75	--		2
Trichlorofluoromethane	0.414	0.400	--	2.33	2.25	--		2
Isopropanol	ND	1.00	--	ND	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Tertiary butyl Alcohol	4.42	1.00	--	13.4	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	1.72	0.400	--	5.36	1.25	--		2
Freon-113	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	2.04	1.00	--	6.02	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-01 D
Client ID: SV-1
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 09:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2
Chloroform	ND	0.400	--	ND	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	0.668	0.400	--	2.35	1.41	--		2
1,1,1-Trichloroethane	0.810	0.400	--	4.42	2.18	--		2
Benzene	0.420	0.400	--	1.34	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	1.39	0.400	--	4.78	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	ND	0.400	--	ND	2.15	--		2
2,2,4-Trimethylpentane	0.748	0.400	--	3.49	1.87	--		2
Heptane	0.650	0.400	--	2.66	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	1.12	0.400	--	4.22	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	1.04	0.400	--	7.05	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	1.25	0.400	--	5.43	1.74	--		2

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-01 D
Client ID: SV-1
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 09:15
Date Received: 06/12/24
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	5.61	0.800	--	24.4	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	5.76	0.400	--	25.0	1.74	--		2
4-Ethyltoluene	49.9	0.400	--	245	1.97	--		2
1,3,5-Trimethylbenzene	53.4	0.400	--	263	1.97	--		2
1,2,4-Trimethylbenzene	128	0.400	--	629	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Naphthalene	6.99	0.400	--	36.7	2.10	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	123		60-140

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-02 D
Client ID: SV-3
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 09:25
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/21/24 03:54
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.71	0.588	--	8.46	2.91	--		2.941
Chloromethane	ND	0.588	--	ND	1.21	--		2.941
Freon-114	ND	0.588	--	ND	4.11	--		2.941
Vinyl chloride	ND	0.588	--	ND	1.50	--		2.941
1,3-Butadiene	2.04	0.588	--	4.51	1.30	--		2.941
Bromomethane	ND	0.588	--	ND	2.28	--		2.941
Chloroethane	ND	0.588	--	ND	1.55	--		2.941
Ethanol	ND	14.7	--	ND	27.7	--		2.941
Vinyl bromide	ND	0.588	--	ND	2.57	--		2.941
Acetone	26.4	2.94	--	62.7	6.98	--		2.941
Trichlorofluoromethane	5.98	0.588	--	33.6	3.30	--		2.941
Isopropanol	7.88	1.47	--	19.4	3.61	--		2.941
1,1-Dichloroethene	ND	0.588	--	ND	2.33	--		2.941
Tertiary butyl Alcohol	7.17	1.47	--	21.7	4.46	--		2.941
Methylene chloride	ND	1.47	--	ND	5.11	--		2.941
3-Chloropropene	ND	0.588	--	ND	1.84	--		2.941
Carbon disulfide	7.94	0.588	--	24.7	1.83	--		2.941
Freon-113	ND	0.588	--	ND	4.51	--		2.941
trans-1,2-Dichloroethene	ND	0.588	--	ND	2.33	--		2.941
1,1-Dichloroethane	ND	0.588	--	ND	2.38	--		2.941
Methyl tert butyl ether	ND	0.588	--	ND	2.12	--		2.941
2-Butanone	5.74	1.47	--	16.9	4.34	--		2.941
cis-1,2-Dichloroethene	ND	0.588	--	ND	2.33	--		2.941

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-02 D
Client ID: SV-3
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 09:25
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.47	--	ND	5.30	--		2.941
Chloroform	2.59	0.588	--	12.6	2.87	--		2.941
Tetrahydrofuran	2.62	1.47	--	7.73	4.34	--		2.941
1,2-Dichloroethane	ND	0.588	--	ND	2.38	--		2.941
n-Hexane	2.11	0.588	--	7.44	2.07	--		2.941
1,1,1-Trichloroethane	4.04	0.588	--	22.0	3.21	--		2.941
Benzene	1.23	0.588	--	3.93	1.88	--		2.941
Carbon tetrachloride	ND	0.588	--	ND	3.70	--		2.941
Cyclohexane	5.56	0.588	--	19.1	2.02	--		2.941
1,2-Dichloropropane	ND	0.588	--	ND	2.72	--		2.941
Bromodichloromethane	ND	0.588	--	ND	3.94	--		2.941
1,4-Dioxane	ND	0.588	--	ND	2.12	--		2.941
Trichloroethene	ND	0.588	--	ND	3.16	--		2.941
2,2,4-Trimethylpentane	1.86	0.588	--	8.69	2.75	--		2.941
Heptane	1.14	0.588	--	4.67	2.41	--		2.941
cis-1,3-Dichloropropene	ND	0.588	--	ND	2.67	--		2.941
4-Methyl-2-pentanone	1.63	1.47	--	6.68	6.02	--		2.941
trans-1,3-Dichloropropene	ND	0.588	--	ND	2.67	--		2.941
1,1,2-Trichloroethane	ND	0.588	--	ND	3.21	--		2.941
Toluene	2.75	0.588	--	10.4	2.22	--		2.941
2-Hexanone	ND	0.588	--	ND	2.41	--		2.941
Dibromochloromethane	ND	0.588	--	ND	5.01	--		2.941
1,2-Dibromoethane	ND	0.588	--	ND	4.52	--		2.941
Tetrachloroethene	ND	0.588	--	ND	3.99	--		2.941
Chlorobenzene	ND	0.588	--	ND	2.71	--		2.941
Ethylbenzene	2.88	0.588	--	12.5	2.55	--		2.941

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-02 D
Client ID: SV-3
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 09:25
Date Received: 06/12/24
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	11.6	1.18	--	50.4	5.13	--		2.941
Bromoform	ND	0.588	--	ND	6.08	--		2.941
Styrene	ND	0.588	--	ND	2.50	--		2.941
1,1,2,2-Tetrachloroethane	ND	0.588	--	ND	4.04	--		2.941
o-Xylene	11.1	0.588	--	48.2	2.55	--		2.941
4-Ethyltoluene	71.8	0.588	--	353	2.89	--		2.941
1,3,5-Trimethylbenzene	71.8	0.588	--	353	2.89	--		2.941
1,2,4-Trimethylbenzene	172	0.588	--	846	2.89	--		2.941
Benzyl chloride	ND	0.588	--	ND	3.04	--		2.941
1,3-Dichlorobenzene	ND	0.588	--	ND	3.54	--		2.941
1,4-Dichlorobenzene	ND	0.588	--	ND	3.54	--		2.941
1,2-Dichlorobenzene	ND	0.588	--	ND	3.54	--		2.941
1,2,4-Trichlorobenzene	ND	0.588	--	ND	4.36	--		2.941
Naphthalene	8.39	0.588	--	44.0	3.08	--		2.941
Hexachlorobutadiene	ND	0.588	--	ND	6.27	--		2.941

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	122		60-140

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-03 D
Client ID: SV-2
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 13:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/20/24 19:39
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.84	0.714	--	9.10	3.53	--		3.571
Chloromethane	ND	0.714	--	ND	1.47	--		3.571
Freon-114	2.27	0.714	--	15.9	4.99	--		3.571
Vinyl chloride	ND	0.714	--	ND	1.83	--		3.571
1,3-Butadiene	ND	0.714	--	ND	1.58	--		3.571
Bromomethane	ND	0.714	--	ND	2.77	--		3.571
Chloroethane	ND	0.714	--	ND	1.88	--		3.571
Ethanol	27.8	17.8	--	52.4	33.5	--		3.571
Vinyl bromide	ND	0.714	--	ND	3.12	--		3.571
Acetone	109	3.57	--	259	8.48	--		3.571
Trichlorofluoromethane	ND	0.714	--	ND	4.01	--		3.571
Isopropanol	7.20	1.78	--	17.7	4.38	--		3.571
1,1-Dichloroethene	ND	0.714	--	ND	2.83	--		3.571
Tertiary butyl Alcohol	26.6	1.78	--	80.6	5.40	--		3.571
Methylene chloride	ND	1.78	--	ND	6.18	--		3.571
3-Chloropropene	ND	0.714	--	ND	2.23	--		3.571
Carbon disulfide	11.6	0.714	--	36.1	2.22	--		3.571
Freon-113	ND	0.714	--	ND	5.47	--		3.571
trans-1,2-Dichloroethene	ND	0.714	--	ND	2.83	--		3.571
1,1-Dichloroethane	ND	0.714	--	ND	2.89	--		3.571
Methyl tert butyl ether	ND	0.714	--	ND	2.57	--		3.571
2-Butanone	9.32	1.78	--	27.5	5.25	--		3.571
cis-1,2-Dichloroethene	ND	0.714	--	ND	2.83	--		3.571

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-03 D
Client ID: SV-2
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 13:15
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.78	--	ND	6.41	--		3.571
Chloroform	ND	0.714	--	ND	3.49	--		3.571
Tetrahydrofuran	ND	1.78	--	ND	5.25	--		3.571
1,2-Dichloroethane	ND	0.714	--	ND	2.89	--		3.571
n-Hexane	11.6	0.714	--	40.9	2.52	--		3.571
1,1,1-Trichloroethane	ND	0.714	--	ND	3.90	--		3.571
Benzene	3.12	0.714	--	9.97	2.28	--		3.571
Carbon tetrachloride	ND	0.714	--	ND	4.49	--		3.571
Cyclohexane	6.10	0.714	--	21.0	2.46	--		3.571
1,2-Dichloropropane	ND	0.714	--	ND	3.30	--		3.571
Bromodichloromethane	ND	0.714	--	ND	4.78	--		3.571
1,4-Dioxane	ND	0.714	--	ND	2.57	--		3.571
Trichloroethene	ND	0.714	--	ND	3.84	--		3.571
2,2,4-Trimethylpentane	ND	0.714	--	ND	3.33	--		3.571
Heptane	3.11	0.714	--	12.7	2.93	--		3.571
cis-1,3-Dichloropropene	ND	0.714	--	ND	3.24	--		3.571
4-Methyl-2-pentanone	3.22	1.78	--	13.2	7.29	--		3.571
trans-1,3-Dichloropropene	ND	0.714	--	ND	3.24	--		3.571
1,1,2-Trichloroethane	ND	0.714	--	ND	3.90	--		3.571
Toluene	3.33	0.714	--	12.5	2.69	--		3.571
2-Hexanone	ND	0.714	--	ND	2.93	--		3.571
Dibromochloromethane	ND	0.714	--	ND	6.08	--		3.571
1,2-Dibromoethane	ND	0.714	--	ND	5.49	--		3.571
Tetrachloroethene	ND	0.714	--	ND	4.84	--		3.571
Chlorobenzene	ND	0.714	--	ND	3.29	--		3.571
Ethylbenzene	3.06	0.714	--	13.3	3.10	--		3.571

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-03 D
Client ID: SV-2
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 13:15
Date Received: 06/12/24
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	12.6	1.43	--	54.7	6.21	--		3.571
Bromoform	ND	0.714	--	ND	7.38	--		3.571
Styrene	ND	0.714	--	ND	3.04	--		3.571
1,1,2,2-Tetrachloroethane	ND	0.714	--	ND	4.90	--		3.571
o-Xylene	13.6	0.714	--	59.1	3.10	--		3.571
4-Ethyltoluene	95.4	0.714	--	469	3.51	--		3.571
1,3,5-Trimethylbenzene	99.1	0.714	--	487	3.51	--		3.571
1,2,4-Trimethylbenzene	232	0.714	--	1140	3.51	--		3.571
Benzyl chloride	ND	0.714	--	ND	3.70	--		3.571
1,3-Dichlorobenzene	ND	0.714	--	ND	4.29	--		3.571
1,4-Dichlorobenzene	ND	0.714	--	ND	4.29	--		3.571
1,2-Dichlorobenzene	ND	0.714	--	ND	4.29	--		3.571
1,2,4-Trichlorobenzene	ND	0.714	--	ND	5.30	--		3.571
Naphthalene	14.2	0.714	--	74.5	3.74	--		3.571
Hexachlorobutadiene	ND	0.714	--	ND	7.62	--		3.571

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	111		60-140

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-04 D
Client ID: SV-4
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 12:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/20/24 20:07
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.832	0.588	--	4.11	2.91	--		2.941
Chloromethane	ND	0.588	--	ND	1.21	--		2.941
Freon-114	ND	0.588	--	ND	4.11	--		2.941
Vinyl chloride	ND	0.588	--	ND	1.50	--		2.941
1,3-Butadiene	8.07	0.588	--	17.9	1.30	--		2.941
Bromomethane	ND	0.588	--	ND	2.28	--		2.941
Chloroethane	ND	0.588	--	ND	1.55	--		2.941
Ethanol	ND	14.7	--	ND	27.7	--		2.941
Vinyl bromide	ND	0.588	--	ND	2.57	--		2.941
Acetone	45.5	2.94	--	108	6.98	--		2.941
Trichlorofluoromethane	28.2	0.588	--	158	3.30	--		2.941
Isopropanol	ND	1.47	--	ND	3.61	--		2.941
1,1-Dichloroethene	ND	0.588	--	ND	2.33	--		2.941
Tertiary butyl Alcohol	8.52	1.47	--	25.8	4.46	--		2.941
Methylene chloride	ND	1.47	--	ND	5.11	--		2.941
3-Chloropropene	ND	0.588	--	ND	1.84	--		2.941
Carbon disulfide	15.9	0.588	--	49.5	1.83	--		2.941
Freon-113	ND	0.588	--	ND	4.51	--		2.941
trans-1,2-Dichloroethene	ND	0.588	--	ND	2.33	--		2.941
1,1-Dichloroethane	ND	0.588	--	ND	2.38	--		2.941
Methyl tert butyl ether	ND	0.588	--	ND	2.12	--		2.941
2-Butanone	21.8	1.47	--	64.3	4.34	--		2.941
cis-1,2-Dichloroethene	ND	0.588	--	ND	2.33	--		2.941

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-04 D
Client ID: SV-4
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 12:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.47	--	ND	5.30	--		2.941
Chloroform	1.85	0.588	--	9.03	2.87	--		2.941
Tetrahydrofuran	ND	1.47	--	ND	4.34	--		2.941
1,2-Dichloroethane	ND	0.588	--	ND	2.38	--		2.941
n-Hexane	15.7	0.588	--	55.3	2.07	--		2.941
1,1,1-Trichloroethane	ND	0.588	--	ND	3.21	--		2.941
Benzene	3.69	0.588	--	11.8	1.88	--		2.941
Carbon tetrachloride	4.14	0.588	--	26.0	3.70	--		2.941
Cyclohexane	8.82	0.588	--	30.4	2.02	--		2.941
1,2-Dichloropropane	ND	0.588	--	ND	2.72	--		2.941
Bromodichloromethane	ND	0.588	--	ND	3.94	--		2.941
1,4-Dioxane	ND	0.588	--	ND	2.12	--		2.941
Trichloroethene	0.712	0.588	--	3.83	3.16	--		2.941
2,2,4-Trimethylpentane	1.90	0.588	--	8.87	2.75	--		2.941
Heptane	19.6	0.588	--	80.3	2.41	--		2.941
cis-1,3-Dichloropropene	ND	0.588	--	ND	2.67	--		2.941
4-Methyl-2-pentanone	4.51	1.47	--	18.5	6.02	--		2.941
trans-1,3-Dichloropropene	ND	0.588	--	ND	2.67	--		2.941
1,1,2-Trichloroethane	ND	0.588	--	ND	3.21	--		2.941
Toluene	9.88	0.588	--	37.2	2.22	--		2.941
2-Hexanone	ND	0.588	--	ND	2.41	--		2.941
Dibromochloromethane	ND	0.588	--	ND	5.01	--		2.941
1,2-Dibromoethane	ND	0.588	--	ND	4.52	--		2.941
Tetrachloroethene	3.39	0.588	--	23.0	3.99	--		2.941
Chlorobenzene	ND	0.588	--	ND	2.71	--		2.941
Ethylbenzene	5.38	0.588	--	23.4	2.55	--		2.941

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2433175-04 D
Client ID: SV-4
Sample Location: 2740 WEBSTER AVE BX, NY

Date Collected: 06/12/24 12:40
Date Received: 06/12/24
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	24.3	1.18	--	106	5.13	--		2.941
Bromoform	ND	0.588	--	ND	6.08	--		2.941
Styrene	ND	0.588	--	ND	2.50	--		2.941
1,1,2,2-Tetrachloroethane	ND	0.588	--	ND	4.04	--		2.941
o-Xylene	23.4	0.588	--	102	2.55	--		2.941
4-Ethyltoluene	80.1	0.588	--	394	2.89	--		2.941
1,3,5-Trimethylbenzene	86.0	0.588	--	423	2.89	--		2.941
1,2,4-Trimethylbenzene	192	0.588	--	944	2.89	--		2.941
Benzyl chloride	ND	0.588	--	ND	3.04	--		2.941
1,3-Dichlorobenzene	ND	0.588	--	ND	3.54	--		2.941
1,4-Dichlorobenzene	ND	0.588	--	ND	3.54	--		2.941
1,2-Dichlorobenzene	ND	0.588	--	ND	3.54	--		2.941
1,2,4-Trichlorobenzene	ND	0.588	--	ND	4.36	--		2.941
Naphthalene	11.5	0.588	--	60.3	3.08	--		2.941
Hexachlorobutadiene	ND	0.588	--	ND	6.27	--		2.941

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	116		60-140

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/20/24 15:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1937259-4								
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: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/20/24 15:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1937259-4								
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: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/20/24 15:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1937259-4								
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	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1937259-3								
Dichlorodifluoromethane	90		-		70-130	-		
Chloromethane	103		-		70-130	-		
Freon-114	124		-		70-130	-		
Vinyl chloride	112		-		70-130	-		
1,3-Butadiene	114		-		70-130	-		
Bromomethane	113		-		70-130	-		
Chloroethane	112		-		70-130	-		
Ethanol	98		-		40-160	-		
Vinyl bromide	101		-		70-130	-		
Acetone	105		-		40-160	-		
Trichlorofluoromethane	98		-		70-130	-		
Isopropanol	93		-		40-160	-		
1,1-Dichloroethene	114		-		70-130	-		
Tertiary butyl Alcohol	111		-		70-130	-		
Methylene chloride	113		-		70-130	-		
3-Chloropropene	120		-		70-130	-		
Carbon disulfide	111		-		70-130	-		
Freon-113	116		-		70-130	-		
trans-1,2-Dichloroethene	110		-		70-130	-		
1,1-Dichloroethane	111		-		70-130	-		
Methyl tert butyl ether	107		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	112		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1937259-3								
Ethyl Acetate	125		-		70-130	-		
Chloroform	111		-		70-130	-		
Tetrahydrofuran	106		-		70-130	-		
1,2-Dichloroethane	93		-		70-130	-		
n-Hexane	111		-		70-130	-		
1,1,1-Trichloroethane	92		-		70-130	-		
Benzene	106		-		70-130	-		
Carbon tetrachloride	96		-		70-130	-		
Cyclohexane	107		-		70-130	-		
1,2-Dichloropropane	108		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	111		-		70-130	-		
Trichloroethene	109		-		70-130	-		
2,2,4-Trimethylpentane	111		-		70-130	-		
Heptane	104		-		70-130	-		
cis-1,3-Dichloropropene	108		-		70-130	-		
4-Methyl-2-pentanone	102		-		70-130	-		
trans-1,3-Dichloropropene	106		-		70-130	-		
1,1,2-Trichloroethane	108		-		70-130	-		
Toluene	111		-		70-130	-		
2-Hexanone	109		-		70-130	-		
Dibromochloromethane	118		-		70-130	-		
1,2-Dibromoethane	118		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE BRONX
Project Number: 13581
Lab Number: L2433175
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1937259-3								
Tetrachloroethene	121		-		70-130	-		
Chlorobenzene	119		-		70-130	-		
Ethylbenzene	114		-		70-130	-		
p/m-Xylene	117		-		70-130	-		
Bromoform	121		-		70-130	-		
Styrene	119		-		70-130	-		
1,1,2,2-Tetrachloroethane	125		-		70-130	-		
o-Xylene	119		-		70-130	-		
4-Ethyltoluene	114		-		70-130	-		
1,3,5-Trimethylbenzene	120		-		70-130	-		
1,2,4-Trimethylbenzene	120		-		70-130	-		
Benzyl chloride	125		-		70-130	-		
1,3-Dichlorobenzene	129		-		70-130	-		
1,4-Dichlorobenzene	119		-		70-130	-		
1,2-Dichlorobenzene	120		-		70-130	-		
1,2,4-Trichlorobenzene	130		-		70-130	-		
Naphthalene	113		-		70-130	-		
Hexachlorobutadiene	125		-		70-130	-		

Project Name: WEBSTER AVE BRONX

Project Number: 13581

Lab Number: L2433175

Report Date: 06/25/24

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
L2433175-01	SV-1	0429	Flow 1	06/10/24	470357		-	-	-	Pass	145	147	1
L2433175-01	SV-1	1750	2.7L Can	06/10/24	470357	L2430098-01	Pass	-29.0	-4.6	-	-	-	-
L2433175-02	SV-3	0941	Flow 1	06/10/24	470357		-	-	-	Pass	145	148	2
L2433175-02	SV-3	3749	2.7L Can	06/10/24	470357	L2430098-01	Pass	-29.0	-5.5	-	-	-	-
L2433175-03	SV-2	01713	Flow 3	06/10/24	470357		-	-	-	Pass	144	148	3
L2433175-03	SV-2	3880	2.7L Can	06/10/24	470357	L2430098-01	Pass	-28.9	-5.0	-	-	-	-
L2433175-04	SV-4	01764	Flow 2	06/10/24	470357		-	-	-	Pass	145	148	2
L2433175-04	SV-4	2073	2.7L Can	06/10/24	470357	L2430098-01	Pass	-29.0	-5.1	-	-	-	-
L2433175-05	UNUSED CAN #3724	02090	Flow 2	06/10/24	470357		-	-	-	Pass	144	151	5
L2433175-05	UNUSED CAN #3724	3724	2.7L Can	06/10/24	470357	L2430098-01	Pass	-29.0	-29.7	-	-	-	-

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

Lab Number: L2430098
Report Date: 06/25/24

Air Canister Certification Results

Lab ID: L2430098-01
Client ID: CAN 379 SHELF 7
Sample Location:

Date Collected: 05/30/24 15:00
Date Received: 05/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/05/24 18:37
Analyst: KJD

	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: L2430098
Report Date: 06/25/24

Air Canister Certification Results

Lab ID: L2430098-01
Client ID: CAN 379 SHELF 7
Sample Location:

Date Collected: 05/30/24 15:00
Date Received: 05/31/24
Field Prep: Not Specified

Sample Depth:

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

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

Lab Number: L2430098
Report Date: 06/25/24

Air Canister Certification Results

Lab ID: L2430098-01
Client ID: CAN 379 SHELF 7
Sample Location:

Date Collected: 05/30/24 15:00
Date Received: 05/31/24
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: L2430098
Report Date: 06/25/24

Air Canister Certification Results

Lab ID: L2430098-01
Client ID: CAN 379 SHELF 7
Sample Location:

Date Collected: 05/30/24 15:00
Date Received: 05/31/24
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: L2430098
Report Date: 06/25/24

Air Canister Certification Results

Lab ID: L2430098-01
Client ID: CAN 379 SHELF 7
Sample Location:

Date Collected: 05/30/24 15:00
Date Received: 05/31/24
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	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	98		60-140

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

Lab Number: L2430098
Report Date: 06/25/24

Air Canister Certification Results

Lab ID: L2430098-01
Client ID: CAN 379 SHELF 7
Sample Location:

Date Collected: 05/30/24 15:00
Date Received: 05/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/05/24 18:37
Analyst: KJD

	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: L2430098
Report Date: 06/25/24

Air Canister Certification Results

Lab ID: L2430098-01
Client ID: CAN 379 SHELF 7
Sample Location:

Date Collected: 05/30/24 15:00
Date Received: 05/31/24
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: L2430098
Report Date: 06/25/24

Air Canister Certification Results

Lab ID: L2430098-01
Client ID: CAN 379 SHELF 7
Sample Location:

Date Collected: 05/30/24 15:00
Date Received: 05/31/24
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	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

Project Name: WEBSTER AVE BRONX
Project Number: 13581

Lab Number: L2433175
Report Date: 06/25/24

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(*)
L2433175-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2433175-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2433175-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2433175-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2433175-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	WEBSTER AVE BRONX	**Lab Number:**	L2433175
Project Number:	13581	**Report Date:**	06/25/24

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:	WEBSTER AVE BRONX	**Lab Number:**	L2433175
Project Number:	13581	**Report Date:**	06/25/24

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:	WEBSTER AVE BRONX	**Lab Number:**	L2433175
Project Number:	13581	**Report Date:**	06/25/24

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 624.1: 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
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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, 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 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: 6/13/24

ALPHA Job #: L2433175

Client Information

Client: SESI
Address: 959 US-46 Parsippany NJ 07054 FI3 5300
Phone: 973 808 9050
Fax:
Email: RMW@sesi.org

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Webster Ave Bronx
Project Location: 2740 Webster Ave Bx, NY
Project #: 13581
Project Manager: Ryan Warren
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
(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	TO-15	TO-15 SIM	APH (Subset Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
33175-01	SV-1	6/12/24	9:00	9:15	-29.57	-4.80	SV	CB	2.7	1750	0429	✓					
-02	SV-3	↓	9:10	9:25	-29.51	-5.44	SV	CB	2.7	3740	0941	✓					
-03	SV-2		13:00	13:15	-29.93	-5.36	SV	CB	2.7	3660	1713	✓					
-04	SV-4		12:25	12:40	-30.00	-4.98	SV	CB	2.7	2073	1764	✓					

*SAMPLE MATRIX CODES

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

Container Type: SUMMA

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:
WIFI (Pace) Anthony Green	6/12/24 2055	WIFI (Pace) Anthony Green	6/12/24 19:00
Pace	6/13/24 0730	Pace	6/13/24 0200

JUN 12 2024 1215

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

ANALYTICAL REPORT

Lab Number:	L2433831
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Ryan Warren
Phone:	(973) 808-9050
Project Name:	WEBSTER AVE, BRONX
Project Number:	13581
Report Date:	07/08/24

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), 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: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433831-01	B-22 (2.5-3)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 07:30	06/14/24
L2433831-02	B-24 (4-4.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 08:15	06/14/24
L2433831-03	B-25 (3-3.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 08:30	06/14/24
L2433831-04	B-26 (1.5-2)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 07:50	06/14/24
L2433831-05	B-27 (3-3.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 08:05	06/14/24
L2433831-06	B-28 (3-3.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 09:20	06/14/24
L2433831-07	B-29 (4.5-5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 08:50	06/14/24
L2433831-08	B-30 (6.5-7)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 09:05	06/14/24
L2433831-09	B-31 (3.5-4)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 09:50	06/14/24
L2433831-10	B-32 (1.5-2)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/14/24 09:40	06/14/24
L2433831-11	TWP-1	WATER	2740 WEBSTER AVE, BRONX, NY	06/14/24 14:55	06/14/24
L2433831-12	TWP-2	WATER	2740 WEBSTER AVE, BRONX, NY	06/14/24 14:45	06/14/24
L2433831-13	TB20240614	WATER	2740 WEBSTER AVE, BRONX, NY	06/14/24 00:00	06/14/24

Project Name:	WEBSTER AVE, BRONX	**Lab Number:**	L2433831
Project Number:	13581	**Report Date:**	07/08/24

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: WEBSTER AVE, BRONX **Lab Number:** L2433831
Project Number: 13581 **Report Date:** 07/08/24

Case Narrative (continued)

Report Submission

July 08, 2024: This final report includes the results of all requested analyses.

July 05, 2024: This preliminary report includes the results of the following analyses:

L2433831-03: Perfluorinated Alkyl Acids by 1633

June 28, 2024: This is a preliminary report.

June 24, 2024: 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

L2433831-01: The sample identified as "B-22 (2.5-3)" on the chain of custody was identified as "B-22 (2-2.5)" on the container label. At the client's request, the sample is reported as "B-22 (2.5-3)".

L2433831-03: At the client's request, the sample was activated for the analyses listed on the chain of custody.

Perfluorinated Alkyl Acids by 1633

L2433831-03, WG1937998-1, WG1937998-2, WG1941885-2, WG1937998-3, and WG1941885-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Pesticides

L2433831-03: The internal standard (IS) response for 1-bromo-2-nitrobenzene (253%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias. The surrogate recovery is outside the method acceptance criteria for decachlorobiphenyl (27%) due to interference with the Internal Standard.

Project Name:	WEBSTER AVE, BRONX	**Lab Number:**	L2433831
Project Number:	13581	**Report Date:**	07/08/24

Case Narrative (continued)

Total Metals

L2433831-03, -09 and -10: 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/08/24

ORGANICS

VOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03
Client ID: B-25 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 14:53
Analyst: LAC
Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.26	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.49	1
Tetrachloroethene	ND		ug/kg	0.91	0.36	1
Chlorobenzene	ND		ug/kg	0.91	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.3	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.30	1
Bromodichloromethane	ND		ug/kg	0.91	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.91	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.91	0.29	1
Bromoform	ND		ug/kg	7.3	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.30	1
Benzene	ND		ug/kg	0.91	0.30	1
Toluene	ND		ug/kg	1.8	0.99	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.3	1.7	1
Bromomethane	ND		ug/kg	3.6	1.1	1
Vinyl chloride	ND		ug/kg	1.8	0.61	1
Chloroethane	ND		ug/kg	3.6	0.82	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.25	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03 Date Collected: 06/14/24 08:30

Client ID: B-25 (3-3.5) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	0.91	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	0.42	J	ug/kg	3.6	0.27	1
1,4-Dichlorobenzene	1.4	J	ug/kg	3.6	0.31	1
Methyl tert butyl ether	1.1	J	ug/kg	3.6	0.37	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.53	1
Xylenes, Total	ND		ug/kg	1.8	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.6	0.43	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	ND		ug/kg	18	8.8	1
Carbon disulfide	ND		ug/kg	18	8.3	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.2	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.91	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.27	1
tert-Butylbenzene	ND		ug/kg	3.6	0.22	1
o-Chlorotoluene	ND		ug/kg	3.6	0.35	1
p-Chlorotoluene	ND		ug/kg	3.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.3	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	1.1	J	ug/kg	1.8	0.20	1
Naphthalene	22		ug/kg	7.3	1.2	1
Acrylonitrile	ND		ug/kg	7.3	2.1	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03 Date Collected: 06/14/24 08:30

Client ID: B-25 (3-3.5) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.59	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.50	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.61	1
1,4-Dioxane	ND		ug/kg	150	64.	1
p-Diethylbenzene	0.65	J	ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.70	1
1,2,4,5-Tetramethylbenzene	0.47	J	ug/kg	3.6	0.35	1
Ethyl ether	ND		ug/kg	3.6	0.62	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.1	2.6	1
Tentatively Identified Compounds						
Total TIC Compounds	40.1	J	ug/kg			1
Unknown	22.8	J	ug/kg			1
Unknown	7.27	J	ug/kg			1
Unknown	4.08	J	ug/kg			1
Unknown	5.98	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	97		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09
Client ID: B-31 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/14/24 09:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 15:15
Analyst: LAC
Percent Solids: 89%

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	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	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	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09 Date Collected: 06/14/24 09:50

Client ID: B-31 (3.5-4) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	0.46	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	0.35	J	ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	24		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	4.6	J	ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09
Client ID: B-31 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/14/24 09:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	74	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	4.6	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	2.63	J	ug/kg			1
Unknown	2.63	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10
Client ID: B-32 (1.5-2)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/14/24 09:40
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 18:30
Analyst: MJV
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	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: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10 Date Collected: 06/14/24 09:40

Client ID: B-32 (1.5-2) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	27		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	4.8	J	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: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10 Date Collected: 06/14/24 09:40

Client ID: B-32 (1.5-2) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	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	2.24	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	2.24	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	98		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-13
Client ID: TB20240614
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:10
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: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-13 Date Collected: 06/14/24 00:00

Client ID: TB20240614 Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-13
Client ID: TB20240614
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/14/24 00:00
Date Received: 06/14/24
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	115		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,09 Batch: WG1937146-5					
Methylene chloride	4.2	J	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: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,09 Batch: WG1937146-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,09 Batch: WG1937146-5					
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	2.23	J	ug/kg
Unknown	2.23	J	ug/kg

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,09 Batch: WG1937146-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 13:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG1937210-5					
Methylene chloride	3.5	J	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: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 13:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG1937210-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 13:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG1937210-5					
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	2.73	J	ug/kg
Unknown	2.73	J	ug/kg

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 13:46
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG1937210-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	94		70-130

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 07:46
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1937425-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
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Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 07:46
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1937425-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 07:46
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1937425-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 07:46
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1937425-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,09 Batch: WG1937146-3 WG1937146-4								
Methylene chloride	87		84		70-130	4		30
1,1-Dichloroethane	86		77		70-130	11		30
Chloroform	97		88		70-130	10		30
Carbon tetrachloride	92		82		70-130	11		30
1,2-Dichloropropane	99		94		70-130	5		30
Dibromochloromethane	84		83		70-130	1		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	96		84		70-130	13		30
Chlorobenzene	93		85		70-130	9		30
Trichlorofluoromethane	103		87		70-139	17		30
1,2-Dichloroethane	102		98		70-130	4		30
1,1,1-Trichloroethane	95		85		70-130	11		30
Bromodichloromethane	89		84		70-130	6		30
trans-1,3-Dichloropropene	91		87		70-130	4		30
cis-1,3-Dichloropropene	92		87		70-130	6		30
1,1-Dichloropropene	92		81		70-130	13		30
Bromoform	77		77		70-130	0		30
1,1,2,2-Tetrachloroethane	82		80		70-130	2		30
Benzene	95		87		70-130	9		30
Toluene	92		82		70-130	11		30
Ethylbenzene	92		83		70-130	10		30
Chloromethane	**141**	Q	121		52-130	15		30
Bromomethane	109		94		57-147	15		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,09 Batch: WG1937146-3 WG1937146-4								
Vinyl chloride	102		85		67-130	18		30
Chloroethane	95		80		50-151	17		30
1,1-Dichloroethene	83		72		65-135	14		30
trans-1,2-Dichloroethene	83		72		70-130	14		30
Trichloroethene	95		86		70-130	10		30
1,2-Dichlorobenzene	92		86		70-130	7		30
1,3-Dichlorobenzene	93		86		70-130	8		30
1,4-Dichlorobenzene	93		85		70-130	9		30
Methyl tert butyl ether	80		80		66-130	0		30
p/m-Xylene	95		85		70-130	11		30
o-Xylene	92		84		70-130	9		30
cis-1,2-Dichloroethene	87		77		70-130	12		30
Dibromomethane	90		90		70-130	0		30
Styrene	92		85		70-130	8		30
Dichlorodifluoromethane	120		102		30-146	16		30
Acetone	94		99		54-140	5		30
Carbon disulfide	90		77		59-130	16		30
2-Butanone	92		101		70-130	9		30
Vinyl acetate	92		81		70-130	13		30
4-Methyl-2-pentanone	79		85		70-130	7		30
1,2,3-Trichloropropane	88		88		68-130	0		30
2-Hexanone	78		86		70-130	10		30
Bromochloromethane	91		86		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,09 Batch: WG1937146-3 WG1937146-4								
2,2-Dichloropropane	96		85		70-130	12		30
1,2-Dibromoethane	89		87		70-130	2		30
1,3-Dichloropropane	93		90		69-130	3		30
1,1,1,2-Tetrachloroethane	89		82		70-130	8		30
Bromobenzene	89		84		70-130	6		30
n-Butylbenzene	96		84		70-130	13		30
sec-Butylbenzene	93		82		70-130	13		30
tert-Butylbenzene	89		79		70-130	12		30
o-Chlorotoluene	92		99		70-130	7		30
p-Chlorotoluene	95		85		70-130	11		30
1,2-Dibromo-3-chloropropane	73		74		68-130	1		30
Hexachlorobutadiene	94		82		67-130	14		30
Isopropylbenzene	92		82		70-130	11		30
p-Isopropyltoluene	92		81		70-130	13		30
Naphthalene	78		77		70-130	1		30
Acrylonitrile	93		96		70-130	3		30
n-Propylbenzene	95		84		70-130	12		30
1,2,3-Trichlorobenzene	90		84		70-130	7		30
1,2,4-Trichlorobenzene	90		83		70-130	8		30
1,3,5-Trimethylbenzene	94		83		70-130	12		30
1,2,4-Trimethylbenzene	93		84		70-130	10		30
1,4-Dioxane	85		93		65-136	9		30
p-Diethylbenzene	92		81		70-130	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,09 Batch: WG1937146-3 WG1937146-4								
p-Ethyltoluene	94		83		70-130	12		30
1,2,4,5-Tetramethylbenzene	88		80		70-130	10		30
Ethyl ether	81		75		67-130	8		30
trans-1,4-Dichloro-2-butene	90		92		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		113		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	103		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG1937210-3 WG1937210-4								
Methylene chloride	105		98		70-130	7		30
1,1-Dichloroethane	102		98		70-130	4		30
Chloroform	93		89		70-130	4		30
Carbon tetrachloride	92		89		70-130	3		30
1,2-Dichloropropane	101		100		70-130	1		30
Dibromochloromethane	97		98		70-130	1		30
1,1,2-Trichloroethane	94		96		70-130	2		30
Tetrachloroethene	98		97		70-130	1		30
Chlorobenzene	102		101		70-130	1		30
Trichlorofluoromethane	104		99		70-139	5		30
1,2-Dichloroethane	94		94		70-130	0		30
1,1,1-Trichloroethane	95		91		70-130	4		30
Bromodichloromethane	90		89		70-130	1		30
trans-1,3-Dichloropropene	99		100		70-130	1		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
1,1-Dichloropropene	100		96		70-130	4		30
Bromoform	90		92		70-130	2		30
1,1,2,2-Tetrachloroethane	85		84		70-130	1		30
Benzene	101		98		70-130	3		30
Toluene	98		98		70-130	0		30
Ethylbenzene	99		98		70-130	1		30
Chloromethane	89		83		52-130	7		30
Bromomethane	115		109		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG1937210-3 WG1937210-4								
Vinyl chloride	110		104		67-130	6		30
Chloroethane	112		107		50-151	5		30
1,1-Dichloroethene	98		92		65-135	6		30
trans-1,2-Dichloroethene	99		93		70-130	6		30
Trichloroethene	100		102		70-130	2		30
1,2-Dichlorobenzene	100		101		70-130	1		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	100		101		70-130	1		30
Methyl tert butyl ether	102		98		66-130	4		30
p/m-Xylene	101		101		70-130	0		30
o-Xylene	100		100		70-130	0		30
cis-1,2-Dichloroethene	98		91		70-130	7		30
Dibromomethane	94		94		70-130	0		30
Styrene	103		103		70-130	0		30
Dichlorodifluoromethane	95		88		30-146	8		30
Acetone	94		88		54-140	7		30
Carbon disulfide	100		92		59-130	8		30
2-Butanone	88		91		70-130	3		30
Vinyl acetate	**61**	Q	**38**	Q	70-130	**46**	Q	30
4-Methyl-2-pentanone	106		110		70-130	4		30
1,2,3-Trichloropropane	97		100		68-130	3		30
2-Hexanone	92		96		70-130	4		30
Bromochloromethane	97		94		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG1937210-3 WG1937210-4								
2,2-Dichloropropane	92		88		70-130	4		30
1,2-Dibromoethane	94		94		70-130	0		30
1,3-Dichloropropane	102		102		69-130	0		30
1,1,1,2-Tetrachloroethane	94		95		70-130	1		30
Bromobenzene	97		101		70-130	4		30
n-Butylbenzene	103		104		70-130	1		30
sec-Butylbenzene	101		101		70-130	0		30
tert-Butylbenzene	100		100		70-130	0		30
o-Chlorotoluene	96		98		70-130	2		30
p-Chlorotoluene	95		97		70-130	2		30
1,2-Dibromo-3-chloropropane	94		96		68-130	2		30
Hexachlorobutadiene	107		107		67-130	0		30
Isopropylbenzene	102		100		70-130	2		30
p-Isopropyltoluene	103		104		70-130	1		30
Naphthalene	99		103		70-130	4		30
Acrylonitrile	98		95		70-130	3		30
n-Propylbenzene	100		101		70-130	1		30
1,2,3-Trichlorobenzene	103		107		70-130	4		30
1,2,4-Trichlorobenzene	108		111		70-130	3		30
1,3,5-Trimethylbenzene	98		99		70-130	1		30
1,2,4-Trimethylbenzene	101		101		70-130	0		30
1,4-Dioxane	116		120		65-136	3		30
p-Diethylbenzene	104		104		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG1937210-3 WG1937210-4								
p-Ethyltoluene	99		100		70-130	1		30
1,2,4,5-Tetramethylbenzene	100		102		70-130	2		30
Ethyl ether	102		97		67-130	5		30
trans-1,4-Dichloro-2-butene	92		95		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		91		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	93		98		70-130
Dibromofluoromethane	95		93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1937425-3 WG1937425-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	92		94		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	89		91		70-130	2		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	130		130		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	96		97		67-130	1		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	96		98		70-130	2		20
cis-1,3-Dichloropropene	100		99		70-130	1		20
1,1-Dichloropropene	100		98		70-130	2		20
Bromoform	82		85		54-136	4		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	85		81		64-130	5		20
Bromomethane	81		79		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1937425-3 WG1937425-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	**170**	Q	**170**	Q	55-138	0		20
1,1-Dichloroethene	83		84		61-145	1		20
trans-1,2-Dichloroethene	98		94		70-130	4		20
Trichloroethene	90		88		70-130	2		20
1,2-Dichlorobenzene	96		98		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	82		83		63-130	1		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	93		100		64-130	7		20
Acrylonitrile	100		100		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	84		85		36-147	1		20
Acetone	100		92		58-148	8		20
Carbon disulfide	99		94		51-130	5		20
2-Butanone	84		89		63-138	6		20
Vinyl acetate	**190**	Q	**200**	Q	70-130	5		20
4-Methyl-2-pentanone	84		87		59-130	4		20
2-Hexanone	73		83		57-130	13		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1937425-3 WG1937425-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	89		92		70-130	3		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	97		98		64-130	1		20
Bromobenzene	92		92		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	98		100		70-130	2		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	70		73		41-144	4		20
Hexachlorobutadiene	81		82		63-130	1		20
Isopropylbenzene	97		98		70-130	1		20
p-Isopropyltoluene	98		100		70-130	2		20
Naphthalene	74		79		70-130	7		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	77		82		70-130	6		20
1,2,4-Trichlorobenzene	81		83		70-130	2		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	72		74		56-162	3		20
p-Diethylbenzene	97		99		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1937425-3 WG1937425-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		93		70-130	4		20
Ethyl ether	120		130		59-134	8		20
trans-1,4-Dichloro-2-butene	96		97		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		108		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	90		92		70-130
Dibromofluoromethane	102		105		70-130

SEMIVOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03
Client ID: B-25 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 11:16
Analyst: SZ
Percent Solids: 63%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	11000	E	ug/kg	210	27.	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	30.	1
Hexachlorobenzene	ND		ug/kg	160	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	230	35.	1
2-Chloronaphthalene	ND		ug/kg	260	26.	1
1,2-Dichlorobenzene	ND		ug/kg	260	46.	1
1,3-Dichlorobenzene	ND		ug/kg	260	44.	1
1,4-Dichlorobenzene	ND		ug/kg	260	45.	1
3,3'-Dichlorobenzidine	ND		ug/kg	260	69.	1
2,4-Dinitrotoluene	ND		ug/kg	260	52.	1
2,6-Dinitrotoluene	ND		ug/kg	260	44.	1
Fluoranthene	29000	E	ug/kg	160	30.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	260	28.	1
4-Bromophenyl phenyl ether	ND		ug/kg	260	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	310	44.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	280	26.	1
Hexachlorobutadiene	ND		ug/kg	260	38.	1
Hexachlorocyclopentadiene	ND		ug/kg	740	230	1
Hexachloroethane	ND		ug/kg	210	42.	1
Isophorone	ND		ug/kg	230	34.	1
Naphthalene	11000	E	ug/kg	260	31.	1
Nitrobenzene	ND		ug/kg	230	38.	1
NDPA/DPA	ND		ug/kg	210	29.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	260	40.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	260	89.	1
Butyl benzyl phthalate	ND		ug/kg	260	65.	1
Di-n-butylphthalate	ND		ug/kg	260	49.	1
Di-n-octylphthalate	ND		ug/kg	260	88.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03 Date Collected: 06/14/24 08:30

Client ID: B-25 (3-3.5) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	260	24.	1
Dimethyl phthalate	ND		ug/kg	260	54.	1
Benzo(a)anthracene	19000	E	ug/kg	160	29.	1
Benzo(a)pyrene	12000	E	ug/kg	210	63.	1
Benzo(b)fluoranthene	12000	E	ug/kg	160	44.	1
Benzo(k)fluoranthene	3000		ug/kg	160	41.	1
Chrysene	17000	E	ug/kg	160	27.	1
Acenaphthylene	2100		ug/kg	210	40.	1
Anthracene	22000	E	ug/kg	160	50.	1
Benzo(ghi)perylene	5900		ug/kg	210	30.	1
Fluorene	12000	E	ug/kg	260	25.	1
Phenanthrene	33000	E	ug/kg	160	31.	1
Dibenzo(a,h)anthracene	1700		ug/kg	160	30.	1
Indeno(1,2,3-cd)pyrene	5600		ug/kg	210	36.	1
Pyrene	33000	E	ug/kg	160	26.	1
Biphenyl	2300		ug/kg	590	34.	1
4-Chloroaniline	ND		ug/kg	260	47.	1
2-Nitroaniline	ND		ug/kg	260	50.	1
3-Nitroaniline	ND		ug/kg	260	49.	1
4-Nitroaniline	ND		ug/kg	260	110	1
Dibenzofuran	8500		ug/kg	260	24.	1
2-Methylnaphthalene	12000	E	ug/kg	310	31.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	260	27.	1
Acetophenone	ND		ug/kg	260	32.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	49.	1
p-Chloro-m-cresol	ND		ug/kg	260	38.	1
2-Chlorophenol	ND		ug/kg	260	30.	1
2,4-Dichlorophenol	ND		ug/kg	230	42.	1
2,4-Dimethylphenol	ND		ug/kg	260	85.	1
2-Nitrophenol	ND		ug/kg	560	97.	1
4-Nitrophenol	ND		ug/kg	360	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	670	120	1
Pentachlorophenol	ND		ug/kg	210	57.	1
Phenol	ND		ug/kg	260	39.	1
2-Methylphenol	57	J	ug/kg	260	40.	1
3-Methylphenol/4-Methylphenol	47	J	ug/kg	370	40.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03 Date Collected: 06/14/24 08:30

Client ID: B-25 (3-3.5) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	260	50.	1
Benzoic Acid	ND		ug/kg	840	260	1
Benzyl Alcohol	400		ug/kg	260	79.	1
Carbazole	4200		ug/kg	260	25.	1
1,4-Dioxane	ND		ug/kg	39	12.	1
Tentatively Identified Compounds						
Total TIC Compounds	35500	J	ug/kg			1
Unknown Naphthalene	2700	J	ug/kg			1
Unknown	1440	J	ug/kg			1
Unknown Benzene	1680	J	ug/kg			1
Unknown PAH	1260	J	ug/kg			1
Unknown	3070	J	ug/kg			1
Unknown Ketone	1640	J	ug/kg			1
Unknown PAH	1180	J	ug/kg			1
Unknown PAH	2200	J	ug/kg			1
Unknown Naphthalene	2260	J	ug/kg			1
Unknown PAH	7450	J	ug/kg			1
Unknown PAH	2870	J	ug/kg			1
Unknown Naphthalene	1510	J	ug/kg			1
Unknown Naphthalene	1220	J	ug/kg			1
Unknown	1990	J	ug/kg			1
Unknown PAH	3020	J	ug/kg			1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03 Date Collected: 06/14/24 08:30

Client ID: B-25 (3-3.5) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	59		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	65		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03
Client ID: B-25 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/02/24 17:24
Analyst: AC
Percent Solids: 63%

Extraction Method: EPA 1633
Extraction Date: 07/01/24 19:10
Cleanup Method: EPA 1633
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.788	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.102	J	ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.051	J	ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.788	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	2.42		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.788	0.381	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
PFOA/PFOS, Total	2.42		ng/g	0.197	0.051	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03 Date Collected: 06/14/24 08:30

Client ID: B-25 (3-3.5) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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)	75		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	74		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		48-111
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	108		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**139**	Q	19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**287**	Q	10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**206**	Q	10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	101		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**213**	Q	10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		15-109

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03 D
Client ID: B-25 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 20:50
Analyst: SZ
Percent Solids: 63%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	14000		ug/kg	2100	270	10
Fluoranthene	45000		ug/kg	1600	300	10
Naphthalene	15000		ug/kg	2600	310	10
Benzo(a)anthracene	25000		ug/kg	1600	290	10
Benzo(a)pyrene	18000		ug/kg	2100	630	10
Benzo(b)fluoranthene	19000		ug/kg	1600	440	10
Chrysene	23000		ug/kg	1600	270	10
Anthracene	31000		ug/kg	1600	500	10
Fluorene	15000		ug/kg	2600	250	10
Phenanthrene	55000		ug/kg	1600	310	10
Pyrene	50000		ug/kg	1600	260	10
2-Methylnaphthalene	14000		ug/kg	3100	310	10

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09
Client ID: B-31 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 09:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 08:54
Analyst: CMM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

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	220		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	19.	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	41	J	ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	80	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09 Date Collected: 06/14/24 09:50

Client ID: B-31 (3.5-4) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	110		ug/kg	110	21.	1
Benzo(a)pyrene	110	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	140		ug/kg	110	31.	1
Benzo(k)fluoranthene	40	J	ug/kg	110	30.	1
Chrysene	110		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	74	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	100	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	69	J	ug/kg	150	26.	1
Pyrene	200		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	77.	1
Dibenzofuran	ND		ug/kg	180	18.	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	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09 Date Collected: 06/14/24 09:50

Client ID: B-31 (3.5-4) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
Total TIC Compounds	6560	J	ug/kg			1
Unknown	217	J	ug/kg			1
Unknown	240	J	ug/kg			1
Unknown	295	J	ug/kg			1
Unknown	669	J	ug/kg			1
Unknown	453	J	ug/kg			1
Unknown	1500	J	ug/kg			1
Unknown	265	J	ug/kg			1
Unknown	155	J	ug/kg			1
Unknown	201	J	ug/kg			1
Unknown	221	J	ug/kg			1
Unknown Ketone	644	J	ug/kg			1
Unknown	437	J	ug/kg			1
Unknown	1260	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	74		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09
Client ID: B-31 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 09:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/25/24 16:28
Analyst: AC
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.795	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.060	J	ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.795	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.794		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.795	0.385	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		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)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
PFOA/PFOS, Total	0.854	J	ng/g	0.199	0.052	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09 Date Collected: 06/14/24 09:50

Client ID: B-31 (3.5-4) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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)	69		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		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)	74		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	61		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	69		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	71		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	65		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	65		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	64		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	116		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	59		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	61		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10
Client ID: B-32 (1.5-2)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 09:40
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 09:17
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

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	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	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	130	J	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: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10 Date Collected: 06/14/24 09:40

Client ID: B-32 (1.5-2) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	93	J	ug/kg	110	20.	1
Benzo(a)pyrene	96	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	120		ug/kg	110	30.	1
Benzo(k)fluoranthene	39	J	ug/kg	110	28.	1
Chrysene	92	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	73	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	37	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	68	J	ug/kg	140	25.	1
Pyrene	150		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	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: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10 Date Collected: 06/14/24 09:40

Client ID: B-32 (1.5-2) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	207	J	ug/kg			1
Unknown Ketone	207	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	88		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10
Client ID: B-32 (1.5-2)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 09:40
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/25/24 16:41
Analyst: AC
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.785	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.393	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.196	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.785	0.275	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.785	0.380	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
PFOA/PFOS, Total	ND		ng/g	0.196	0.051	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10 Date Collected: 06/14/24 09:40

Client ID: B-32 (1.5-2) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	74		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	64		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	73		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		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)	77		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	72		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)	102		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	143		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	125		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	77		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-11
Client ID: TWP-1
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 14:55
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/26/24 22:37
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	17.7		ng/l	7.52	1.20	1
Perfluoropentanoic Acid (PFPeA)	10.3		ng/l	3.76	1.00	1
Perfluorobutanesulfonic Acid (PFBS)	24.6		ng/l	1.88	0.630	1
Perfluorohexanoic Acid (PFHxA)	8.95		ng/l	1.88	0.554	1
Perfluoroheptanoic Acid (PFHpA)	8.50		ng/l	1.88	0.376	1
Perfluorohexanesulfonic Acid (PFHxS)	4.07		ng/l	1.88	0.451	1
Perfluorooctanoic Acid (PFOA)	41.3		ng/l	1.88	0.817	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	7.52	2.54	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.88	0.507	1
Perfluorononanoic Acid (PFNA)	2.74		ng/l	1.88	0.592	1
Perfluorooctanesulfonic Acid (PFOS)	24.0		ng/l	1.88	0.855	1
Perfluorodecanoic Acid (PFDA)	1.22	JF	ng/l	1.88	0.761	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	7.52	2.92	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	1.02	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.817	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.432	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.88	0.507	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	1.01	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.864	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.705	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.88	0.498	1
PFOA/PFOS, Total	65.3		ng/l	1.88	0.817	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-11 Date Collected: 06/14/24 14:55

Client ID: TWP-1 Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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)	84		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		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)	113		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	66		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	61		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	72		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	60		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	50		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-12
Client ID: TWP-2
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 14:45
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/26/24 22:50
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	12.2		ng/l	5.55	0.888	1
Perfluoropentanoic Acid (PFPeA)	8.69		ng/l	2.78	0.742	1
Perfluorobutanesulfonic Acid (PFBS)	23.3		ng/l	1.39	0.465	1
Perfluorohexanoic Acid (PFHxA)	7.03		ng/l	1.39	0.409	1
Perfluoroheptanoic Acid (PFHpA)	4.90		ng/l	1.39	0.278	1
Perfluorohexanesulfonic Acid (PFHxS)	3.02		ng/l	1.39	0.333	1
Perfluorooctanoic Acid (PFOA)	19.0		ng/l	1.39	0.604	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.55	1.87	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.479	J	ng/l	1.39	0.375	1
Perfluorononanoic Acid (PFNA)	1.97		ng/l	1.39	0.437	1
Perfluorooctanesulfonic Acid (PFOS)	23.0		ng/l	1.39	0.631	1
Perfluorodecanoic Acid (PFDA)	1.35	J	ng/l	1.39	0.562	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.55	2.16	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.39	0.756	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.39	0.604	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.39	0.319	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.39	0.375	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.39	0.749	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.39	0.638	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.39	0.520	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.39	0.368	1
PFOA/PFOS, Total	42.0		ng/l	1.39	0.604	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-12 Date Collected: 06/14/24 14:45

Client ID: TWP-2 Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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)	85		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		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)	94		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	113		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	55		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)	69		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:20
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/20/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,09-10 Batch: WG1937194-1					
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	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	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	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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:20
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/20/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,09-10 Batch: WG1937194-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	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	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:20
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/20/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,09-10 Batch: WG1937194-1					
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	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	74		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 11:13
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09-10 Batch: WG1937998-1					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 11:13
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09-10 Batch: WG1937998-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		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)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		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)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		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)	79		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**194**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	96		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 16:58
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 11-12 Batch: WG1939435-1					
Perfluorobutanoic Acid (PFBA)	1.48	J	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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 16:58
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 11-12 Batch: WG1939435-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	72		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	71		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	68		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)	75		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	68		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	59		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/02/24 15:54
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/01/24 19:10
Cleanup Method: EPA 1633
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1941885-1					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/02/24 15:54
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/01/24 19:10
Cleanup Method: EPA 1633
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1941885-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		48-111
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	63		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	145		10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	27		15-109

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,09-10 Batch: WG1937194-2 WG1937194-3								
Acenaphthene	60		53		31-137	12		50
1,2,4-Trichlorobenzene	67		58		38-107	14		50
Hexachlorobenzene	65		55		40-140	17		50
Bis(2-chloroethyl)ether	53		47		40-140	12		50
2-Chloronaphthalene	68		58		40-140	16		50
1,2-Dichlorobenzene	59		52		40-140	13		50
1,3-Dichlorobenzene	58		49		40-140	17		50
1,4-Dichlorobenzene	60		52		28-104	14		50
3,3'-Dichlorobenzidine	54		48		40-140	12		50
2,4-Dinitrotoluene	71		62		40-132	14		50
2,6-Dinitrotoluene	76		63		40-140	19		50
Fluoranthene	70		59		40-140	17		50
4-Chlorophenyl phenyl ether	72		63		40-140	13		50
4-Bromophenyl phenyl ether	68		61		40-140	11		50
Bis(2-chloroisopropyl)ether	54		46		40-140	16		50
Bis(2-chloroethoxy)methane	55		48		40-117	14		50
Hexachlorobutadiene	77		66		40-140	15		50
Hexachlorocyclopentadiene	55		46		40-140	18		50
Hexachloroethane	57		48		40-140	17		50
Isophorone	59		50		40-140	17		50
Naphthalene	62		52		40-140	18		50
Nitrobenzene	64		55		40-140	15		50
NDPA/DPA	64		56		36-157	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,09-10 Batch: WG1937194-2 WG1937194-3								
n-Nitrosodi-n-propylamine	60		52		32-121	14		50
Bis(2-ethylhexyl)phthalate	54		45		40-140	18		50
Butyl benzyl phthalate	59		51		40-140	15		50
Di-n-butylphthalate	60		51		40-140	16		50
Di-n-octylphthalate	51		42		40-140	19		50
Diethyl phthalate	61		53		40-140	14		50
Dimethyl phthalate	72		58		40-140	22		50
Benzo(a)anthracene	62		54		40-140	14		50
Benzo(a)pyrene	62		52		40-140	18		50
Benzo(b)fluoranthene	61		48		40-140	24		50
Benzo(k)fluoranthene	61		54		40-140	12		50
Chrysene	63		53		40-140	17		50
Acenaphthylene	69		57		40-140	19		50
Anthracene	66		55		40-140	18		50
Benzo(ghi)perylene	61		52		40-140	16		50
Fluorene	64		56		40-140	13		50
Phenanthrene	62		53		40-140	16		50
Dibenzo(a,h)anthracene	62		52		40-140	18		50
Indeno(1,2,3-cd)pyrene	59		50		40-140	17		50
Pyrene	70		59		35-142	17		50
Biphenyl	62		52		37-127	18		50
4-Chloroaniline	60		58		40-140	3		50
2-Nitroaniline	70		58		47-134	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,09-10 Batch: WG1937194-2 WG1937194-3								
3-Nitroaniline	54		50		26-129	8		50
4-Nitroaniline	59		50		41-125	17		50
Dibenzofuran	63		55		40-140	14		50
2-Methylnaphthalene	65		55		40-140	17		50
1,2,4,5-Tetrachlorobenzene	72		61		40-117	17		50
Acetophenone	54		48		14-144	12		50
2,4,6-Trichlorophenol	79		66		30-130	18		50
p-Chloro-m-cresol	69		56		26-103	21		50
2-Chlorophenol	60		52		25-102	14		50
2,4-Dichlorophenol	68		58		30-130	16		50
2,4-Dimethylphenol	59		51		30-130	15		50
2-Nitrophenol	68		57		30-130	18		50
4-Nitrophenol	71		59		11-114	18		50
2,4-Dinitrophenol	70		59		4-130	17		50
4,6-Dinitro-o-cresol	80		68		10-130	16		50
Pentachlorophenol	60		52		17-109	14		50
Phenol	60		51		26-90	16		50
2-Methylphenol	61		51		30-130.	18		50
3-Methylphenol/4-Methylphenol	66		56		30-130	16		50
2,4,5-Trichlorophenol	79		68		30-130	15		50
Benzoic Acid	47		39		10-110	19		50
Benzyl Alcohol	67		58		40-140	14		50
Carbazole	62		**52**	Q	54-128	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,09-10 Batch: WG1937194-2 WG1937194-3								
1,4-Dioxane	**39**	Q	**37**	Q	40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		52		25-120
Phenol-d6	61		52		10-120
Nitrobenzene-d5	65		56		23-120
2-Fluorobiphenyl	73		62		30-120
2,4,6-Tribromophenol	61		55		10-136
4-Terphenyl-d14	70		59		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

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): 09-10 Batch: WG1937998-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	96		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	93		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	104		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	91		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	96		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	93		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	100		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	94		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	93		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	92		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	88		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	115		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

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): 09-10 Batch: WG1937998-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93				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)	72				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105				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)	84				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)	88				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**179**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09-10 Batch: WG1937998-3								
Perfluorobutanoic Acid (PFBA)	98		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	101		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	89		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	101		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	105		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	106		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	108		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	99		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	126		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	111		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09-10 Batch: WG1937998-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				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)	73				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81				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)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**207**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

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): 11-12 Batch: WG1939435-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	128		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	121		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	120		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	128		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	118		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	112		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	140		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	128		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	132		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	102		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	130		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	120		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	127		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	138		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	102		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	133		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	132		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	108		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	119		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

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): 11-12 Batch: WG1939435-2 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)	91				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80				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)	84				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				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)	75				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	68				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)	69				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 11-12 Batch: WG1939435-3								
Perfluorobutanoic Acid (PFBA)	101		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	99		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	96		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	99		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	103		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	100		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	93		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	93		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	106		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	104		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 11-12 Batch: WG1939435-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				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)	81				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)	86				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)	106				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				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)	88				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)	73				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	93				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	106		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	103		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	120		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	87		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	109		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	110		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	122		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	119		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	105		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	140		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	113		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	124		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	131		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				48-111
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	66				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	**112**	Q			48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**163**	Q			10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	24				15-109

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-3								
Perfluorobutanoic Acid (PFBA)	100		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	101		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	97		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	118		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	95		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	79		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	101		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	114		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	97		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	93		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	109		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	103		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	97		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	110		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	137		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	122		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				48-111
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	104				48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**175**	Q			10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	41				15-109

PCBS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03
Client ID: B-25 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 10:09
Analyst: MHG
Percent Solids: 63%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	72.6	6.45	1	A
Aroclor 1221	ND		ug/kg	72.6	7.27	1	A
Aroclor 1232	ND		ug/kg	72.6	15.4	1	A
Aroclor 1242	ND		ug/kg	72.6	9.78	1	A
Aroclor 1248	ND		ug/kg	72.6	10.9	1	A
Aroclor 1254	ND		ug/kg	72.6	7.94	1	A
Aroclor 1260	ND		ug/kg	72.6	13.4	1	A
Aroclor 1262	ND		ug/kg	72.6	9.22	1	A
Aroclor 1268	ND		ug/kg	72.6	7.52	1	A
PCBs, Total	ND		ug/kg	72.6	6.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09
Client ID: B-31 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 09:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 10:17
Analyst: MHG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.6	4.67	1	A
Aroclor 1221	ND		ug/kg	52.6	5.26	1	A
Aroclor 1232	ND		ug/kg	52.6	11.1	1	A
Aroclor 1242	ND		ug/kg	52.6	7.08	1	A
Aroclor 1248	ND		ug/kg	52.6	7.88	1	A
Aroclor 1254	7.74	J	ug/kg	52.6	5.75	1	A
Aroclor 1260	10.8	J	ug/kg	52.6	9.71	1	A
Aroclor 1262	ND		ug/kg	52.6	6.67	1	A
Aroclor 1268	ND		ug/kg	52.6	5.44	1	A
PCBs, Total	18.5	J	ug/kg	52.6	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10
Client ID: B-32 (1.5-2)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 09:40
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/24 10:25
Analyst: RMP
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.5	4.48	1	A
Aroclor 1221	ND		ug/kg	50.5	5.06	1	A
Aroclor 1232	ND		ug/kg	50.5	10.7	1	A
Aroclor 1242	ND		ug/kg	50.5	6.80	1	A
Aroclor 1248	ND		ug/kg	50.5	7.57	1	B
Aroclor 1254	7.96	J	ug/kg	50.5	5.52	1	A
Aroclor 1260	ND		ug/kg	50.5	9.33	1	A
Aroclor 1262	ND		ug/kg	50.5	6.41	1	A
Aroclor 1268	ND		ug/kg	50.5	5.23	1	A
PCBs, Total	7.96	J	ug/kg	50.5	4.48	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/21/24 08:19
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 06/20/24 12:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03,09-10 Batch: WG1937097-1						
Aroclor 1016	ND		ug/kg	46.3	4.11	A
Aroclor 1221	ND		ug/kg	46.3	4.64	A
Aroclor 1232	ND		ug/kg	46.3	9.82	A
Aroclor 1242	ND		ug/kg	46.3	6.25	A
Aroclor 1248	ND		ug/kg	46.3	6.95	A
Aroclor 1254	ND		ug/kg	46.3	5.07	A
Aroclor 1260	ND		ug/kg	46.3	8.56	A
Aroclor 1262	ND		ug/kg	46.3	5.88	A
Aroclor 1268	ND		ug/kg	46.3	4.80	A
PCBs, Total	ND		ug/kg	46.3	4.11	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03,09-10 Batch: WG1937097-2 WG1937097-3									
Aroclor 1016	70		74		40-140	19		50	A
Aroclor 1260	65		70		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		66		30-150	A
Decachlorobiphenyl	74		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		70		30-150	B
Decachlorobiphenyl	76		79		30-150	B

PESTICIDES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03
Client ID: B-25 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 16:23
Analyst: EJL
Percent Solids: 63%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.44	0.477	1	B
Lindane	ND		ug/kg	1.02	0.454	1	B
Alpha-BHC	ND		ug/kg	1.02	0.288	1	B
Beta-BHC	ND		ug/kg	2.44	0.924	1	B
Heptachlor	ND		ug/kg	1.22	0.546	1	B
Aldrin	ND		ug/kg	2.44	0.858	1	B
Heptachlor epoxide	ND		ug/kg	4.57	1.37	1	B
Endrin	ND		ug/kg	1.02	0.416	1	B
Endrin aldehyde	ND		ug/kg	3.04	1.06	1	B
Endrin ketone	ND		ug/kg	2.44	0.627	1	B
Dieldrin	ND		ug/kg	1.52	0.761	1	B
4,4'-DDE	ND		ug/kg	2.44	0.563	1	B
4,4'-DDD	ND		ug/kg	2.44	0.869	1	B
4,4'-DDT	ND		ug/kg	2.44	1.96	1	B
Endosulfan I	ND		ug/kg	2.44	0.576	1	B
Endosulfan II	ND		ug/kg	2.44	0.814	1	B
Endosulfan sulfate	ND		ug/kg	1.02	0.483	1	B
Methoxychlor	ND		ug/kg	4.57	1.42	1	B
Toxaphene	ND		ug/kg	45.7	12.8	1	B
cis-Chlordane	ND		ug/kg	3.04	0.849	1	B
trans-Chlordane	ND		ug/kg	3.04	0.804	1	B
Chlordane	ND		ug/kg	20.3	8.07	1	B

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03 Date Collected: 06/14/24 08:30

Client ID: B-25 (3-3.5) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	48		30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	**860**	Q	30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09
Client ID: B-31 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 09:50
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 16:35
Analyst: EJL
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.717	0.320	1	A
Alpha-BHC	ND		ug/kg	0.717	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.968	1	A
Endrin	ND		ug/kg	0.717	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	4.09		ug/kg	1.72	0.398	1	A
4,4'-DDD	3.21		ug/kg	1.72	0.614	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.717	0.341	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.03	1	A
cis-Chlordane	1.16	JIP	ug/kg	2.15	0.599	1	B
trans-Chlordane	2.18		ug/kg	2.15	0.568	1	A
Chlordane	ND		ug/kg	14.3	5.70	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09 Date Collected: 06/14/24 09:50

Client ID: B-31 (3.5-4) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	135		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10
Client ID: B-32 (1.5-2)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/14/24 09:40
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/24 16:46
Analyst: EJL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.838	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.943	1	A
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.733	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	1.21	J	ug/kg	1.68	0.388	1	B
4,4'-DDD	0.627	J	ug/kg	1.68	0.598	1	B
4,4'-DDT	ND		ug/kg	1.68	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.978	1	A
Toxaphene	ND		ug/kg	31.4	8.80	1	A
cis-Chlordane	ND		ug/kg	2.10	0.584	1	A
trans-Chlordane	ND		ug/kg	2.10	0.553	1	A
Chlordane	ND		ug/kg	14.0	5.55	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10 Date Collected: 06/14/24 09:40

Client ID: B-32 (1.5-2) Date Received: 06/14/24

Sample Location: 2740 WEBSTER AVE, BRONX, 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	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/24 12:28
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,09-10 Batch: WG1937178-1						
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/24 12:28
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/20/24 14:20
Cleanup Method: EPA 3620B
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,09-10 Batch: WG1937178-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,09-10 Batch: WG1937178-2 WG1937178-3									
Delta-BHC	73		76		30-150	4		30	A
Lindane	70		72		30-150	3		30	A
Alpha-BHC	73		74		30-150	1		30	A
Beta-BHC	68		70		30-150	3		30	A
Heptachlor	70		73		30-150	4		30	A
Aldrin	69		72		30-150	4		30	A
Heptachlor epoxide	60		61		30-150	2		30	A
Endrin	74		77		30-150	4		30	A
Endrin aldehyde	64		66		30-150	3		30	A
Endrin ketone	69		72		30-150	4		30	A
Dieldrin	77		80		30-150	4		30	A
4,4'-DDE	69		73		30-150	6		30	A
4,4'-DDD	75		78		30-150	4		30	A
4,4'-DDT	77		79		30-150	3		30	A
Endosulfan I	68		72		30-150	6		30	A
Endosulfan II	73		75		30-150	3		30	A
Endosulfan sulfate	66		68		30-150	3		30	A
Methoxychlor	88		90		30-150	2		30	A
cis-Chlordane	66		69		30-150	4		30	A
trans-Chlordane	76		80		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,09-10 Batch: WG1937178-2 WG1937178-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		70		30-150	A
Decachlorobiphenyl	72		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		82		30-150	B
Decachlorobiphenyl	89		84		30-150	B

METALS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03
Client ID: B-25 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10900		mg/kg	12.4	3.34	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Antimony, Total	0.487	J	mg/kg	6.18	0.469	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Arsenic, Total	7.12		mg/kg	1.24	0.257	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Barium, Total	387		mg/kg	1.24	0.215	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.441	J	mg/kg	0.618	0.041	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.682	J	mg/kg	1.24	0.121	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Calcium, Total	4790		mg/kg	12.4	4.32	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Chromium, Total	28.3		mg/kg	1.24	0.118	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.36		mg/kg	2.47	0.205	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Copper, Total	69.0		mg/kg	1.24	0.319	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Iron, Total	20200		mg/kg	6.18	1.12	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Lead, Total	365		mg/kg	6.18	0.331	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Magnesium, Total	4830		mg/kg	12.4	1.90	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Manganese, Total	292		mg/kg	1.24	0.196	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Mercury, Total	0.259		mg/kg	0.104	0.068	1	06/20/24 01:00	06/21/24 12:51	EPA 7471B	1,7471B	JWN
Nickel, Total	21.3		mg/kg	3.09	0.299	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Potassium, Total	2040		mg/kg	309	17.8	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Selenium, Total	0.491	J	mg/kg	2.47	0.319	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Silver, Total	0.388	J	mg/kg	0.618	0.350	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Sodium, Total	112	J	mg/kg	247	3.89	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Thallium, Total	0.729	J	mg/kg	2.47	0.389	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Vanadium, Total	34.8		mg/kg	1.24	0.251	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF
Zinc, Total	694		mg/kg	6.18	0.362	2	06/20/24 00:15	06/21/24 00:23	EPA 3050B	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09
Client ID: B-31 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/14/24 09:50
Date Received: 06/14/24
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	9940		mg/kg	8.80	2.38	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.40	0.334	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.21		mg/kg	0.880	0.183	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Barium, Total	105		mg/kg	0.880	0.153	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.239	J	mg/kg	0.440	0.029	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.178	J	mg/kg	0.880	0.086	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Calcium, Total	7780		mg/kg	8.80	3.08	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Chromium, Total	20.0		mg/kg	0.880	0.085	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.76		mg/kg	1.76	0.146	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Copper, Total	24.8		mg/kg	0.880	0.227	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Iron, Total	19800		mg/kg	4.40	0.794	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Lead, Total	25.6		mg/kg	4.40	0.236	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Magnesium, Total	7750		mg/kg	8.80	1.36	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Manganese, Total	289		mg/kg	0.880	0.140	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Mercury, Total	0.080		mg/kg	0.070	0.046	1	06/20/24 01:00	06/21/24 12:54	EPA 7471B	1,7471B	JWN
Nickel, Total	16.0		mg/kg	2.20	0.213	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Potassium, Total	5340		mg/kg	220	12.7	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.440	0.249	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Sodium, Total	129	J	mg/kg	176	2.77	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Thallium, Total	0.817	J	mg/kg	1.76	0.277	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Vanadium, Total	38.0		mg/kg	0.880	0.179	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF
Zinc, Total	65.7		mg/kg	4.40	0.258	2	06/20/24 00:15	06/21/24 00:27	EPA 3050B	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10
Client ID: B-32 (1.5-2)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/14/24 09:40
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	7140		mg/kg	8.29	2.24	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.15	0.315	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.41		mg/kg	0.829	0.172	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Barium, Total	63.2		mg/kg	0.829	0.144	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.218	J	mg/kg	0.415	0.027	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.829	0.081	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Calcium, Total	1790		mg/kg	8.29	2.90	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Chromium, Total	23.2		mg/kg	0.829	0.080	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.45		mg/kg	1.66	0.138	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Copper, Total	17.2		mg/kg	0.829	0.214	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Iron, Total	13100		mg/kg	4.15	0.749	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Lead, Total	9.09		mg/kg	4.15	0.222	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Magnesium, Total	3430		mg/kg	8.29	1.28	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Manganese, Total	202		mg/kg	0.829	0.132	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	06/20/24 01:00	06/21/24 12:57	EPA 7471B	1,7471B	JWN
Nickel, Total	16.5		mg/kg	2.07	0.201	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Potassium, Total	1830		mg/kg	207	11.9	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.66	0.214	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.415	0.235	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Sodium, Total	94.2	J	mg/kg	166	2.61	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Thallium, Total	0.287	J	mg/kg	1.66	0.261	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Vanadium, Total	24.1		mg/kg	0.829	0.168	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF
Zinc, Total	28.5		mg/kg	4.15	0.243	2	06/20/24 00:15	06/21/24 00:31	EPA 3050B	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03,09-10 Batch: WG1936692-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Iron, Total	0.970	J	mg/kg	2.00	0.361	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/20/24 00:15	06/20/24 22:54	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): 03,09-10 Batch: WG1936693-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/20/24 01:00	06/21/24 12:01	1,7471B	JWN

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,09-10 Batch: WG1936692-2								
Aluminum, Total	109		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	105		-		80-120	-		
Beryllium, Total	107		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	99		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	98		-		80-120	-		
Potassium, Total	107		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	101		-		80-120	-		
Vanadium, Total	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,09-10 Batch: WG1936692-2					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 03,09-10 Batch: WG1936693-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

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): 03,09-10 QC Batch ID: WG1936692-3 QC Sample: L2433717-01 Client ID: MS Sample												
Aluminum, Total	2110	176	2860	**426**	Q	-	-		75-125	-		20
Antimony, Total	2.60J	44	46.5	106		-	-		75-125	-		20
Arsenic, Total	26.8	10.5	39.5	120		-	-		75-125	-		20
Barium, Total	19.4	176	210	108		-	-		75-125	-		20
Beryllium, Total	0.213J	4.4	4.91	112		-	-		75-125	-		20
Cadmium, Total	0.414J	4.66	5.34	115		-	-		75-125	-		20
Calcium, Total	670	879	1720	119		-	-		75-125	-		20
Chromium, Total	22.8	17.6	48.3	**145**	Q	-	-		75-125	-		20
Cobalt, Total	3.35	44	48.4	102		-	-		75-125	-		20
Copper, Total	879	22	921	**191**	Q	-	-		75-125	-		20
Iron, Total	5160	87.9	6170	**1150**	Q	-	-		75-125	-		20
Lead, Total	160	46.6	175	**32**	Q	-	-		75-125	-		20
Magnesium, Total	752	879	1560	92		-	-		75-125	-		20
Manganese, Total	29.2	44	81.0	118		-	-		75-125	-		20
Nickel, Total	20.0	44	67.8	109		-	-		75-125	-		20
Potassium, Total	133J	879	1130	**128**	Q	-	-		75-125	-		20
Selenium, Total	1.56J	10.5	12.4	118		-	-		75-125	-		20
Silver, Total	0.406J	4.4	5.11	116		-	-		75-125	-		20
Sodium, Total	327	879	1450	**128**	Q	-	-		75-125	-		20
Thallium, Total	ND	10.5	10.2	97		-	-		75-125	-		20
Vanadium, Total	34.8	44	93.7	**134**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,09-10 QC Batch ID: WG1936692-3 QC Sample: L2433717-01 Client ID: MS Sample										
Zinc, Total	60.7	44	119	**133**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 03,09-10 QC Batch ID: WG1936693-3 QC Sample: L2433793-01 Client ID: MS Sample										
Mercury, Total	0.408	1.52	1.76	89		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,09-10 QC Batch ID: WG1936692-4 QC Sample: L2433717-01 Client ID: DUP Sample						
Lead, Total	160	124	mg/kg	**25**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 03,09-10 QC Batch ID: WG1936693-4 QC Sample: L2433793-01 Client ID: DUP Sample						
Mercury, Total	0.408	0.415	mg/kg	2		20

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2433831
Report Date: 07/08/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,09-10 QC Batch ID: WG1936692-6 QC Sample: L2433717-01 Client ID: DUP Sample						
Lead, Total	160	158	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-03
Client ID: B-25 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 08:30
Date Received: 06/14/24
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	62.9		%	0.100	NA	1	-	06/18/24 09:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.6	0.33	1	06/20/24 11:20	06/20/24 15:29	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-09
Client ID: B-31 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 09:50
Date Received: 06/14/24
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	89.0		%	0.100	NA	1	-	06/18/24 02:54	121,2540G	WJM
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/20/24 11:20	06/20/24 15:30	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2433831-10
Client ID: B-32 (1.5-2)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 09:40
Date Received: 06/14/24
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	93.1		%	0.100	NA	1	-	06/18/24 02:54	121,2540G	WJM
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/20/24 11:20	06/20/24 15:31	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

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): 03,09-10 Batch: WG1936945-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	06/20/24 11:20	06/20/24 15:15	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 03,09-10		Batch: WG1936945-2		WG1936945-3			
Cyanide, Total	97		102		80-120	5		35

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 07/08/24

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): 03,09-10 QC Batch ID: WG1936945-4 WG1936945-5 QC Sample: L2433436-02 Client ID: MS Sample												
Cyanide, Total	ND	9.7	10	100		9.8	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2433831

Report Date: 07/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09-10 QC Batch ID: WG1935580-1 QC Sample: L2433821-01 Client ID: DUP Sample						
Solids, Total	86.5	86.5	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1935694-1 QC Sample: L2432005-01 Client ID: DUP Sample						
Solids, Total	83.3	86.9	%	4		20

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

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(*)
L2433831-01A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-01B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-01C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-01D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-01E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-01F	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		HOLD-METAL(180)
L2433831-01G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-1633(90)
L2433831-01H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2433831-01X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-01Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-01Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-02A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-02B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-02C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-02D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-02E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-02F	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		HOLD-METAL(180)
L2433831-02G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-1633(90)
L2433831-02H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2433831-02X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-02Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433831-02Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-03A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-03B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-03C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-03D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TCN-9010(14),TS(7)
L2433831-03E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TCN-9010(14),TS(7)
L2433831-03F	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2433831-03G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2433831-03H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2433831-03X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-03Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	NYTCL-8260HLW(14)
L2433831-03Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	NYTCL-8260HLW(14)
L2433831-04A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-04B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-04C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-04D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-04E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-04F	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		HOLD-METAL(180)
L2433831-04G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-1633(90)
L2433831-04H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2433831-04X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-04Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-04Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-05A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-05B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433831-05C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-05D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-05E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-05F	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		HOLD-METAL(180)
L2433831-05G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-1633(90)
L2433831-05H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2433831-05X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-05Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-05Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-06A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-06B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-06C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-06D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-06E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-06F	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		HOLD-METAL(180)
L2433831-06G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-1633(90)
L2433831-06H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2433831-06X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-06Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-06Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-07A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-07B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-07C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-07D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-07E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-07F	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		HOLD-METAL(180)
L2433831-07G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-1633(90)

*Values in parentheses indicate holding time in days

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Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433831-07H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2433831-07X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-07Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-07Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-08A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-08B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-08C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-08D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-08E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2433831-08F	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		HOLD-METAL(180)
L2433831-08G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-1633(90)
L2433831-08H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2433831-08X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2433831-08Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-08Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	HOLD-8260HLW(14)
L2433831-09A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-09B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-09C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-09D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2433831-09E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2433831-09F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	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),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-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)
L2433831-09G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2433831-09H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2433831-09X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-09Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

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Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433831-09Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	NYTCL-8260HLW(14)
L2433831-10A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-10B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-10C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-10D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2433831-10E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2433831-10F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2433831-10G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2433831-10H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2433831-10X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2433831-10Y	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	NYTCL-8260HLW(14)
L2433831-10Z	Vial Water preserved split	A	NA		3.5	Y	Absent	15-JUN-24 14:31	NYTCL-8260HLW(14)
L2433831-11A	Plastic 500ml unpreserved	B	NA		5.6	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2433831-11B	Plastic 500ml unpreserved	B	NA		5.6	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2433831-11C	Plastic 500ml unpreserved	B	NA		5.6	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2433831-12A	Plastic 500ml unpreserved	B	NA		5.6	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2433831-12B	Plastic 500ml unpreserved	B	NA		5.6	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2433831-12C	Plastic 500ml unpreserved	B	NA		5.6	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2433831-13A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2433831-13B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

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Project Number:	13581	**Report Date:**	07/08/24

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:	WEBSTER AVE, BRONX	**Lab Number:**	L2433831
Project Number:	13581	**Report Date:**	07/08/24

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:	WEBSTER AVE, BRONX	**Lab Number:**	L2433831
Project Number:	13581	**Report Date:**	07/08/24

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:	WEBSTER AVE, BRONX	**Lab Number:**	L2433831
Project Number:	13581	**Report Date:**	07/08/24

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; 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
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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, 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: 6/15/24

ALPHA Job #: L2433831

Client Information
Client: SESI
Address: 959 US46 Parsippany NJ 07054 F13 S300
Phone: 973 808 9050
Fax:
Email: AMW@sesi.org

Project Information
Project Name: Webster Ave Bronx
Project Location: 2740 Webster Ave Bronx
Project #: 13581
(Use Project name as Project #) ☐
Project Manager: Ryan Warren
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days: 5

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:
H: Hold samples for analyses

Please specify Metals or TAL.

ANALYSIS
TCL+30/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	TCL+30/TAL	PFAS	Sample Specific Comments
33831 -01	B-[redacted]22 (2.5-3)	6/14/24	730	Soil	CB	H	H	
-02	B-24 (4-4.5)		815			H	H	
-03	B-25 (3-3.5)		830			H	H	
-04	B-26 (1.5-2)		750			H	H	
-05	B-27 (3-3.5)		805			H	H	
-06	B-28 (3-3.5)		920			H	H	
-07	B-29 (4.5-5)		850			H	H	
-08	B-30 (6.5-7)		905			H	H	
-09	B-31 (3.5-4)		950			✓	✓	
-10	B-32 (1.5-2)		940			✓	✓	

Container Type: A/P P
Preservative: - -

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/24 1510	SSmith	6-14-24 1510
SSmith	6-14-24 1921	Anthony Green	JUN 14 2024 2235
Anthony Green	6/15/24 0350		6/15/24 0150
			6/15/24 0350

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: 6/15/24

ALPHA Job #: L2433831

Client Information
Client: SESI
Address: 959 US 46 Flr 3 S300
Phone: 973 808 9050
Fax:
Email: RMW@sesi.org

Project Information
Project Name: Webster Ave Bronx
Project Location: 2740 Webster Ave Bronx NY
Project #: 13581
(Use Project name as Project #): ☐
Project Manager: Ryan Warren
ALPHAQuote #:

Turn-Around Time
Standard: ☑ Due Date:
Rush (only if pre approved): ☐ # of Days: 5

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)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL 30/TAL	PFAS	VOCs on 1#	Sample Specific Comments
33831-01	IWP-1	6/14/24	1455	GW	CB		✓		
-02	IWP-2	6/14/24	1496	GW	CB		✓		
-03	TB20240614	6/14/24		DI	CB			✓	

TAT 6/15

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

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

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

Container Type	P	P							
Preservative	-	-	HCl						

Relinquished By:	Date/Time	Received By:	Date/Time
	06/14/24 1510	SSmi	6-14-24 1510
SSmi	6-14-24 1921	Anthony Green	JUN 14 2024 0935
Anthony Green	6/15/24 0350		6/15/24 0150
			6/15/24 0350

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:	L2506138
Client:	Soils Engineering Services, Inc. 959 Route 46E Suite 300 Parsippany, NJ 07054
ATTN:	Anthony Raposo
Phone:	(862) 702-5723
Project Name:	2742 WEBSTER AVE
Project Number:	13581B
Report Date:	02/18/25

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).

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2506138-01	TB20250204	WATER	BRONX, NY	02/04/25 00:00	02/04/25
L2506138-02	SB-2 (9.5-10)	SOIL	BRONX, NY	02/04/25 10:00	02/04/25
L2506138-03	SB-7 (4.5-5)	SOIL	BRONX, NY	02/04/25 08:45	02/04/25
L2506138-04	SB-5 (8-8.5)	SOIL	BRONX, NY	02/04/25 11:00	02/04/25
L2506138-05	SB-1 (0.5-1)	SOIL	BRONX, NY	02/04/25 09:30	02/04/25
L2506138-06	SB-3 (3-3.5)	SOIL	BRONX, NY	02/04/25 10:30	02/04/25
L2506138-07	SB-4 (1-1.5)	SOIL	BRONX, NY	02/04/25 10:45	02/04/25
L2506138-08	SB-8 (6.5-7)	SOIL	BRONX, NY	02/04/25 09:00	02/04/25
L2506138-09	SB-6 (5-5.5)	SOIL	BRONX, NY	02/04/25 11:30	02/04/25
L2506138-10	TW-2	WATER	BRONX, NY	02/04/25 13:00	02/04/25
L2506138-11	TW-1	WATER	BRONX, NY	02/04/25 13:45	02/04/25
L2506138-12	TRIP BLANK-SOIL	SOIL	BRONX, NY	02/04/25 13:00	02/04/25

Project Name:	2742 WEBSTER AVE	**Lab Number:**	L2506138
Project Number:	13581B	**Report Date:**	02/18/25

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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Case Narrative (continued)

Report Submission

February 18, 2025: This final report includes the results of all requested analyses.

February 11, 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.

Sample Receipt

L2506138-10: The collection date and time on the chain of custody was 04-FEB-25 13:45; however, the collection date/time on the container label was 04-FEB-25 13:00. At the client's request, the collection date/time is reported as 04-FEB-25 13:00.

L2506138-11: The collection date and time on the chain of custody was 04-FEB-25 13:00; however, the collection date/time on the container label was 04-FEB-25 13:45. At the client's request, the collection date/time is reported as 04-FEB-25 13:45.

Volatile Organics

L2506138-08: The internal standard (IS) response(s) for 1,4-dichlorobenzene-d4 (19%) and the surrogate recovery for 4-bromofluorobenzene (150%) were outside the acceptance criteria; however, re-analysis achieved the following results: chlorobenzene-d5 (32%) and 1,4-dichlorobenzene-d4 (11%), and toluene-d8 (160%) and 4-bromofluorobenzene (151%). The results of both analyses are reported.

Semivolatile Organics

L2506138-08D: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG2027509-2/-3 LCS/LCSD recoveries associated with L2506138-10 and -11 are below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Project Name:	2742 WEBSTER AVE	**Lab Number:**	L2506138
Project Number:	13581B	**Report Date:**	02/18/25

Case Narrative (continued)

Perfluorinated Alkyl Acids by 1633

L2506138-04: The Extracted Internal Standard recovery was below the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (37%); however, the associated target analytes are not reported from this analysis.

L2506138-04D and -06D: The sample was re-analyzed on dilution due to EIS failure in the original analysis. The results of the re-analysis are reported for the associated target compounds.

L2506138-04D: The Extracted Internal Standard recovery was outside the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (37%); however, this recovery does not apply to the abbreviated list of target analytes reported.

L2506138-06: The Extracted Internal Standard recovery was below the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (35%); however, the associated target analytes are not reported from this analysis.

L2506138-10: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (228%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (236%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2506138-10: The sample was centrifuged and decanted prior to extraction due to sample matrix.

WG2027363-2R, WG2027662-2R2, and WG2027662-3R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

The Extracted Internal Standard recovery for the WG2027662-2R2 LCS, associated with L2506138-10 and -11, is outside the acceptance criteria for perfluoro[13c8]octanoic acid (m8pfoa) (131%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

Pesticides

L2506138-02: The internal standard (IS) response for 1-bromo-2-nitrobenzene (1225%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are

Project Name:	2742 WEBSTER AVE	**Lab Number:**	L2506138
Project Number:	13581B	**Report Date:**	02/18/25

Case Narrative (continued)

considered to have a potentially low bias. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (3%) and decachlorobiphenyl (3%) due to interference with the Internal Standard.

Total Metals

L2506138-02 through -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2506138-10: The initial analysis yielded a high Relative Standard Deviation (>30%) for arsenic. Re-analysis confirmed the original result.

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: 02/18/25

ORGANICS

VOLATILES

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-01
Client ID: TB20250204
Sample Location: BRONX, NY

Date Collected: 02/04/25 00:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/08/25 14:18
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-01
Client ID: TB20250204
Sample Location: BRONX, NY
Date Collected: 02/04/25 00:00
Date Received: 02/04/25
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	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-01
Client ID: TB20250204
Sample Location: BRONX, NY
Date Collected: 02/04/25 00:00
Date Received: 02/04/25
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	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 14:54
Analyst: JIC
Percent Solids: 91%

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	1.7	0.16	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	0.16	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	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.18	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	1.7	0.15	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02 Date Collected: 02/04/25 10:00

Client ID: SB-2 (9.5-10) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	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	34		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	8.8	J	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	0.23	J	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	0.18	J	ug/kg	1.1	0.12	1
Naphthalene	130		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02 Date Collected: 02/04/25 10:00

Client ID: SB-2 (9.5-10) Date Received: 02/04/25

Sample Location: BRONX, 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	0.19	J	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	89	39.	1
p-Diethylbenzene	0.74	J	ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	1.4	J	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	55.4	J	ug/kg			1
Unknown	15.6	J	ug/kg			1
Unknown Aromatic	4.46	J	ug/kg			1
Unknown Aromatic	3.47	J	ug/kg			1
Unknown Benzene	2.79	J	ug/kg			1
Unknown	7.44	J	ug/kg			1
Unknown Aromatic	10.2	J	ug/kg			1
Unknown	11.4	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 08:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 15:20
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.22	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03 Date Collected: 02/04/25 08:45

Client ID: SB-7 (4.5-5) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	3.3	J	ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03 Date Collected: 02/04/25 08:45

Client ID: SB-7 (4.5-5) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	99		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 15:46
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.19	1
Benzene	ND		ug/kg	0.59	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04 Date Collected: 02/04/25 11:00

Client ID: SB-5 (8-8.5) Date Received: 02/04/25

Sample Location: BRONX, 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	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	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	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04 Date Collected: 02/04/25 11:00

Client ID: SB-5 (8-8.5) Date Received: 02/04/25

Sample Location: BRONX, 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	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	100		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 16:12
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	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	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05 Date Collected: 02/04/25 09:30

Client ID: SB-1 (0.5-1) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05 Date Collected: 02/04/25 09:30

Client ID: SB-1 (0.5-1) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	99		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 16:38
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.89	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.89	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.89	0.11	1
Dibromochloromethane	ND		ug/kg	0.89	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	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	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.89	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	0.89	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	3.6	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	0.89	0.48	1
Ethylbenzene	ND		ug/kg	0.89	0.12	1
Chloromethane	ND		ug/kg	3.6	0.83	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.89	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06 Date Collected: 02/04/25 10:30

Client ID: SB-3 (3-3.5) Date Received: 02/04/25

Sample Location: BRONX, 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	0.44	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	0.50	1
o-Xylene	ND		ug/kg	0.89	0.26	1
Xylenes, Total	ND		ug/kg	0.89	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.89	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.89	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.81	1
Acetone	ND		ug/kg	8.9	4.3	1
Carbon disulfide	ND		ug/kg	8.9	4.0	1
2-Butanone	ND		ug/kg	8.9	2.0	1
Vinyl acetate	ND		ug/kg	8.9	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.9	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	0.89	0.25	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	0.89	0.15	1
sec-Butylbenzene	ND		ug/kg	0.89	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	2.7	0.89	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.89	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.89	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:30
Date Received: 02/04/25
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	0.89	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	71	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	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	100		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 17:04
Analyst: JIC
Percent Solids: 87%

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

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07 Date Collected: 02/04/25 10:45

Client ID: SB-4 (1-1.5) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	5.4	J	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	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07 Date Collected: 02/04/25 10:45

Client ID: SB-4 (1-1.5) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	91		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 17:30
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	320	150	1
1,1-Dichloroethane	ND		ug/kg	64	9.4	1
Chloroform	ND		ug/kg	97	9.0	1
Carbon tetrachloride	ND		ug/kg	64	15.	1
1,2-Dichloropropane	ND		ug/kg	64	8.1	1
Dibromochloromethane	ND		ug/kg	64	9.0	1
1,1,2-Trichloroethane	ND		ug/kg	64	17.	1
Tetrachloroethene	ND		ug/kg	32	13.	1
Chlorobenzene	ND		ug/kg	32	8.2	1
Trichlorofluoromethane	ND		ug/kg	260	45.	1
1,2-Dichloroethane	ND		ug/kg	64	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	11.	1
Bromodichloromethane	ND		ug/kg	32	7.0	1
trans-1,3-Dichloropropene	ND		ug/kg	64	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	32	10.	1
1,1-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	11.	1
Benzene	13	J	ug/kg	32	11.	1
Toluene	ND		ug/kg	64	35.	1
Ethylbenzene	ND		ug/kg	64	9.1	1
Chloromethane	ND		ug/kg	260	60.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	64	22.	1
Chloroethane	ND		ug/kg	130	29.	1
1,1-Dichloroethene	ND		ug/kg	64	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	97	8.8	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 Date Collected: 02/04/25 09:00

Client ID: SB-8 (6.5-7) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	32	8.8	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.3	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.6	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	36.	1
o-Xylene	ND		ug/kg	64	19.	1
Xylenes, Total	ND		ug/kg	64	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	64	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	64	8.8	1
Dibromomethane	ND		ug/kg	130	15.	1
Styrene	ND		ug/kg	64	13.	1
Dichlorodifluoromethane	ND		ug/kg	640	59.	1
Acetone	330	J	ug/kg	640	310	1
Carbon disulfide	ND		ug/kg	640	290	1
2-Butanone	ND		ug/kg	640	140	1
Vinyl acetate	ND		ug/kg	640	140	1
4-Methyl-2-pentanone	ND		ug/kg	640	83.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.2	1
2-Hexanone	ND		ug/kg	640	76.	1
Bromochloromethane	ND		ug/kg	130	13.	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	64	18.	1
1,3-Dichloropropane	ND		ug/kg	130	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	32	8.5	1
Bromobenzene	ND		ug/kg	130	9.4	1
n-Butylbenzene	ND		ug/kg	64	11.	1
sec-Butylbenzene	ND		ug/kg	64	9.4	1
tert-Butylbenzene	ND		ug/kg	130	7.6	1
o-Chlorotoluene	ND		ug/kg	130	12.	1
p-Chlorotoluene	ND		ug/kg	130	7.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	64.	1
Hexachlorobutadiene	ND		ug/kg	260	11.	1
Isopropylbenzene	ND		ug/kg	64	7.0	1
p-Isopropyltoluene	ND		ug/kg	64	7.0	1
Naphthalene	ND		ug/kg	260	42.	1
Acrylonitrile	ND		ug/kg	260	74.	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 Date Collected: 02/04/25 09:00

Client ID: SB-8 (6.5-7) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	64	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
1,3,5-Trimethylbenzene	ND		ug/kg	130	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	22.	1
1,4-Dioxane	ND		ug/kg	5200	2300	1
p-Diethylbenzene	ND		ug/kg	130	11.	1
p-Ethyltoluene	ND		ug/kg	130	25.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	130	12.	1
Ethyl ether	ND		ug/kg	130	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	320	92.	1
Tentatively Identified Compounds						
Total TIC Compounds	138	J	ug/kg			1
Cyclohexane, methyl-	138	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	**150**	Q	70-130
Dibromofluoromethane	104		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 R
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/11/25 10:03
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	0.77	0.35	1
1,1-Dichloroethane	ND		ug/kg	0.15	0.02	1
Chloroform	ND		ug/kg	0.23	0.02	1
Carbon tetrachloride	ND		ug/kg	0.15	0.04	1
1,2-Dichloropropane	ND		ug/kg	0.15	0.02	1
Dibromochloromethane	ND		ug/kg	0.15	0.02	1
1,1,2-Trichloroethane	ND		ug/kg	0.15	0.04	1
Tetrachloroethene	ND		ug/kg	0.08	0.03	1
Chlorobenzene	ND		ug/kg	0.08	0.02	1
Trichlorofluoromethane	ND		ug/kg	0.62	0.11	1
1,2-Dichloroethane	ND		ug/kg	0.15	0.04	1
1,1,1-Trichloroethane	ND		ug/kg	0.08	0.03	1
Bromodichloromethane	ND		ug/kg	0.08	0.02	1
trans-1,3-Dichloropropene	ND		ug/kg	0.15	0.04	1
cis-1,3-Dichloropropene	ND		ug/kg	0.08	0.02	1
1,3-Dichloropropene, Total	ND		ug/kg	0.08	0.02	1
1,1-Dichloropropene	ND		ug/kg	0.08	0.03	1
Bromoform	ND		ug/kg	0.62	0.04	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.08	0.03	1
Benzene	0.16		ug/kg	0.08	0.03	1
Toluene	0.47		ug/kg	0.15	0.08	1
Ethylbenzene	0.05	J	ug/kg	0.15	0.02	1
Chloromethane	ND		ug/kg	0.62	0.14	1
Bromomethane	ND		ug/kg	0.31	0.09	1
Vinyl chloride	ND		ug/kg	0.15	0.05	1
Chloroethane	ND		ug/kg	0.31	0.07	1
1,1-Dichloroethene	ND		ug/kg	0.15	0.04	1
trans-1,2-Dichloroethene	ND		ug/kg	0.23	0.02	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 R
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:00
Date Received: 02/04/25
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	0.08	0.02	1
1,2-Dichlorobenzene	ND		ug/kg	0.31	0.02	1
1,3-Dichlorobenzene	ND		ug/kg	0.31	0.02	1
1,4-Dichlorobenzene	ND		ug/kg	0.31	0.03	1
Methyl tert butyl ether	ND		ug/kg	0.31	0.03	1
p/m-Xylene	0.16	J	ug/kg	0.31	0.09	1
o-Xylene	0.10	J	ug/kg	0.15	0.05	1
Xylenes, Total	0.26	J	ug/kg	0.15	0.05	1
cis-1,2-Dichloroethene	ND		ug/kg	0.15	0.03	1
1,2-Dichloroethene, Total	ND		ug/kg	0.15	0.02	1
Dibromomethane	ND		ug/kg	0.31	0.04	1
Styrene	ND		ug/kg	0.15	0.03	1
Dichlorodifluoromethane	ND		ug/kg	1.5	0.14	1
Acetone	1.6		ug/kg	1.5	0.74	1
Carbon disulfide	2.0		ug/kg	1.5	0.70	1
2-Butanone	0.57	J	ug/kg	1.5	0.34	1
Vinyl acetate	ND		ug/kg	1.5	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	1.5	0.20	1
1,2,3-Trichloropropane	ND		ug/kg	0.31	0.02	1
2-Hexanone	ND		ug/kg	1.5	0.18	1
Bromochloromethane	ND		ug/kg	0.31	0.03	1
2,2-Dichloropropane	ND		ug/kg	0.31	0.03	1
1,2-Dibromoethane	ND		ug/kg	0.15	0.04	1
1,3-Dichloropropane	ND		ug/kg	0.31	0.03	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.08	0.02	1
Bromobenzene	ND		ug/kg	0.31	0.02	1
n-Butylbenzene	ND		ug/kg	0.15	0.03	1
sec-Butylbenzene	ND		ug/kg	0.15	0.02	1
tert-Butylbenzene	ND		ug/kg	0.31	0.02	1
o-Chlorotoluene	ND		ug/kg	0.31	0.03	1
p-Chlorotoluene	ND		ug/kg	0.31	0.02	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	0.46	0.15	1
Hexachlorobutadiene	ND		ug/kg	0.62	0.03	1
Isopropylbenzene	ND		ug/kg	0.15	0.02	1
p-Isopropyltoluene	ND		ug/kg	0.15	0.02	1
Naphthalene	0.13	J	ug/kg	0.62	0.10	1
Acrylonitrile	ND		ug/kg	0.62	0.18	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 R
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:00
Date Received: 02/04/25
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	0.15	0.03	1
1,2,3-Trichlorobenzene	ND		ug/kg	0.31	0.05	1
1,2,4-Trichlorobenzene	ND		ug/kg	0.31	0.04	1
1,3,5-Trimethylbenzene	0.03	J	ug/kg	0.31	0.03	1
1,2,4-Trimethylbenzene	0.07	J	ug/kg	0.31	0.05	1
1,4-Dioxane	ND		ug/kg	12	5.4	1
p-Diethylbenzene	ND		ug/kg	0.31	0.03	1
p-Ethyltoluene	ND		ug/kg	0.31	0.06	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	0.31	0.03	1
Ethyl ether	ND		ug/kg	0.31	0.05	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	0.77	0.22	1
Tentatively Identified Compounds						
Total TIC Compounds	12.4	J	ug/kg			1
Unknown	1.83	J	ug/kg			1
Unknown	0.423	J	ug/kg			1
Unknown	1.79	J	ug/kg			1
Butane, 2-Methyl-	0.455	NJ	ug/kg			1
Unknown	1.77	J	ug/kg			1
Unknown	0.516	J	ug/kg			1
Unknown	0.554	J	ug/kg			1
Unknown	0.635	J	ug/kg			1
Unknown Alcohol	3.78	J	ug/kg			1
Unknown	0.681	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	**160**	Q	70-130
4-Bromofluorobenzene	**151**	Q	70-130
Dibromofluoromethane	122		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/10/25 17:56
Analyst: JIC
Percent Solids: 87%

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	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	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	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	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	0.95	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	0.95	0.51	1
Ethylbenzene	ND		ug/kg	0.95	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	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09 Date Collected: 02/04/25 11:30

Client ID: SB-6 (5-5.5) Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	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	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.95	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	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	0.95	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	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	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	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:30
Date Received: 02/04/25
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	0.95	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	0.32	1
1,4-Dioxane	ND		ug/kg	76	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						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	99		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/08/25 14:42
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: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10 Date Collected: 02/04/25 13:00

Client ID: TW-2 Date Received: 02/04/25

Sample Location: BRONX, 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	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY
Date Collected: 02/04/25 13:00
Date Received: 02/04/25
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	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/08/25 15:06
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: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11 Date Collected: 02/04/25 13:45

Client ID: TW-1 Date Received: 02/04/25

Sample Location: BRONX, 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	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY
Date Collected: 02/04/25 13:45
Date Received: 02/04/25
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	1.10	J	ug/l			1
Unknown	1.10	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-12
Client ID: TRIP BLANK-SOIL
Sample Location: BRONX, NY
Date Collected: 02/04/25 13:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/17/25 13:01
Analyst: MJV
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	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: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-12 Date Collected: 02/04/25 13:00

Client ID: TRIP BLANK-SOIL Date Received: 02/04/25

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-12
Client ID: TRIP BLANK-SOIL
Sample Location: BRONX, NY
Date Collected: 02/04/25 13:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2.45	J	ug/kg			1
Unknown	2.45	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/08/25 10:40
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,10-11 Batch: WG2028493-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/08/25 10:40
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,10-11 Batch: WG2028493-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/08/25 10:40
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,10-11 Batch: WG2028493-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/08/25 10:40
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,10-11 Batch: WG2028493-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-09 Batch: WG2028512-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-09 Batch: WG2028512-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-09 Batch: WG2028512-5					
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	0.88	J	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	0.34	J	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	0.20	J	ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	0.19	J	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/10/25 10:08
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-09 Batch: WG2028512-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	96		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 09:01
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2029007-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 09:01
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2029007-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 09:01
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2029007-5					
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	3.15	J	ug/kg
Anthracene	3.15	NJ	ug/kg

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/11/25 09:01
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2029007-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/17/25 09:59
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG2031032-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/17/25 09:59
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG2031032-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/17/25 09:59
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG2031032-5					
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/17/25 09:59
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG2031032-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,10-11 Batch: WG2028493-3 WG2028493-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	91		96		63-130	5		20
1,1,2-Trichloroethane	94		100		70-130	6		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		96		62-150	4		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	95		100		70-130	5		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
1,1-Dichloropropene	100		97		70-130	3		20
Bromoform	90		96		54-136	6		20
1,1,2,2-Tetrachloroethane	97		100		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		100		64-130	10		20
Bromomethane	75		73		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,10-11 Batch: WG2028493-3 WG2028493-4								
Vinyl chloride	120		110		55-140	9		20
Chloroethane	130		120		55-138	8		20
1,1-Dichloroethene	100		96		61-145	4		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		99		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	91		95		63-130	4		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	97		100		64-130	3		20
Acrylonitrile	100		110		70-130	10		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	83		78		36-147	6		20
Acetone	97		98		58-148	1		20
Carbon disulfide	100		99		51-130	1		20
2-Butanone	93		94		63-138	1		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	79		86		59-130	8		20
2-Hexanone	80		86		57-130	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,10-11 Batch: WG2028493-3 WG2028493-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	91		95		70-130	4		20
1,3-Dichloropropane	97		100		70-130	3		20
1,1,1,2-Tetrachloroethane	99		100		64-130	1		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	78		84		41-144	7		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	92		99		70-130	7		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	97		98		64-130	1		20
1,2,4-Trimethylbenzene	89		89		70-130	0		20
1,4-Dioxane	96		102		56-162	6		20
p-Diethylbenzene	100		99		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,10-11 Batch: WG2028493-3 WG2028493-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	99		97		70-130	2		20
Ethyl ether	99		100		59-134	1		20
trans-1,4-Dichloro-2-butene	96		99		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		111		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	96		99		70-130
Dibromofluoromethane	103		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-09 Batch: WG2028512-3 WG2028512-4								
Methylene chloride	89		84		70-130	6		30
1,1-Dichloroethane	87		83		70-130	5		30
Chloroform	90		89		70-130	1		30
Carbon tetrachloride	95		92		70-130	3		30
1,2-Dichloropropane	79		81		70-130	3		30
Dibromochloromethane	86		86		70-130	0		30
1,1,2-Trichloroethane	86		86		70-130	0		30
Tetrachloroethene	103		102		70-130	1		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	104		95		70-139	9		30
1,2-Dichloroethane	84		84		70-130	0		30
1,1,1-Trichloroethane	90		89		70-130	1		30
Bromodichloromethane	83		85		70-130	2		30
trans-1,3-Dichloropropene	87		85		70-130	2		30
cis-1,3-Dichloropropene	88		90		70-130	2		30
1,1-Dichloropropene	92		90		70-130	2		30
Bromoform	93		92		70-130	1		30
1,1,2,2-Tetrachloroethane	84		82		70-130	2		30
Benzene	86		86		70-130	0		30
Toluene	84		83		70-130	1		30
Ethylbenzene	87		87		70-130	0		30
Chloromethane	83		73		52-130	13		30
Bromomethane	135		122		57-147	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-09 Batch: WG2028512-3 WG2028512-4								
Vinyl chloride	97		87		67-130	11		30
Chloroethane	110		99		50-151	11		30
1,1-Dichloroethene	97		90		65-135	7		30
trans-1,2-Dichloroethene	96		91		70-130	5		30
Trichloroethene	96		97		70-130	1		30
1,2-Dichlorobenzene	91		94		70-130	3		30
1,3-Dichlorobenzene	96		97		70-130	1		30
1,4-Dichlorobenzene	93		95		70-130	2		30
Methyl tert butyl ether	91		86		66-130	6		30
p/m-Xylene	90		90		70-130	0		30
o-Xylene	88		89		70-130	1		30
cis-1,2-Dichloroethene	92		90		70-130	2		30
Dibromomethane	87		88		70-130	1		30
Styrene	88		89		70-130	1		30
Dichlorodifluoromethane	78		69		30-146	12		30
Acetone	62		56		54-140	10		30
Carbon disulfide	98		90		59-130	9		30
2-Butanone	79		76		70-130	4		30
Vinyl acetate	97		90		70-130	7		30
4-Methyl-2-pentanone	76		73		70-130	4		30
1,2,3-Trichloropropane	82		81		68-130	1		30
2-Hexanone	77		74		70-130	4		30
Bromochloromethane	96		95		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-09 Batch: WG2028512-3 WG2028512-4								
2,2-Dichloropropane	91		85		70-130	7		30
1,2-Dibromoethane	93		92		70-130	1		30
1,3-Dichloropropane	85		84		69-130	1		30
1,1,1,2-Tetrachloroethane	90		89		70-130	1		30
Bromobenzene	94		96		70-130	2		30
n-Butylbenzene	97		98		70-130	1		30
sec-Butylbenzene	89		89		70-130	0		30
tert-Butylbenzene	89		89		70-130	0		30
o-Chlorotoluene	89		92		70-130	3		30
p-Chlorotoluene	90		90		70-130	0		30
1,2-Dibromo-3-chloropropane	92		93		68-130	1		30
Hexachlorobutadiene	100		104		67-130	4		30
Isopropylbenzene	89		89		70-130	0		30
p-Isopropyltoluene	93		93		70-130	0		30
Naphthalene	101		104		70-130	3		30
Acrylonitrile	82		78		70-130	5		30
n-Propylbenzene	89		89		70-130	0		30
1,2,3-Trichlorobenzene	104		108		70-130	4		30
1,2,4-Trichlorobenzene	109		114		70-130	4		30
1,3,5-Trimethylbenzene	88		88		70-130	0		30
1,2,4-Trimethylbenzene	88		89		70-130	1		30
1,4-Dioxane	107		108		65-136	1		30
p-Diethylbenzene	98		99		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-09 Batch: WG2028512-3 WG2028512-4								
p-Ethyltoluene	94		94		70-130	0		30
1,2,4,5-Tetramethylbenzene	105		108		70-130	3		30
Ethyl ether	94		87		67-130	8		30
trans-1,4-Dichloro-2-butene	77		76		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		82		70-130
Toluene-d8	92		90		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	96		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2029007-3 WG2029007-4								
Methylene chloride	86		86		70-130	0		30
1,1-Dichloroethane	112		111		70-130	1		30
Chloroform	114		104		70-130	9		30
Carbon tetrachloride	114		107		70-130	6		30
1,2-Dichloropropane	122		119		70-130	2		30
Dibromochloromethane	110		108		70-130	2		30
1,1,2-Trichloroethane	106		106		70-130	0		30
Tetrachloroethene	106		103		70-130	3		30
Chlorobenzene	109		104		70-130	5		30
Trichlorofluoromethane	97		91		70-139	6		30
1,2-Dichloroethane	116		118		70-130	2		30
1,1,1-Trichloroethane	112		112		70-130	0		30
Bromodichloromethane	110		109		70-130	1		30
trans-1,3-Dichloropropene	113		112		70-130	1		30
cis-1,3-Dichloropropene	112		112		70-130	0		30
1,1-Dichloropropene	113		112		70-130	1		30
Bromoform	101		102		70-130	1		30
1,1,2,2-Tetrachloroethane	101		105		70-130	4		30
Benzene	114		112		70-130	2		30
Toluene	109		106		70-130	3		30
Ethylbenzene	108		104		70-130	4		30
Chloromethane	125		121		52-130	3		30
Bromomethane	92		88		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2029007-3 WG2029007-4								
Vinyl chloride	111		110		67-130	1		30
Chloroethane	101		102		50-151	1		30
1,1-Dichloroethene	94		94		65-135	0		30
trans-1,2-Dichloroethene	99		97		70-130	2		30
Trichloroethene	115		114		70-130	1		30
1,2-Dichlorobenzene	103		102		70-130	1		30
1,3-Dichlorobenzene	108		105		70-130	3		30
1,4-Dichlorobenzene	107		107		70-130	0		30
Methyl tert butyl ether	89		90		66-130	1		30
p/m-Xylene	107		105		70-130	2		30
o-Xylene	107		105		70-130	2		30
cis-1,2-Dichloroethene	106		96		70-130	10		30
Dibromomethane	103		103		70-130	0		30
Styrene	103		102		70-130	1		30
Dichlorodifluoromethane	80		78		30-146	3		30
Acetone	71		80		54-140	12		30
Carbon disulfide	100		99		59-130	1		30
2-Butanone	105		113		70-130	7		30
Vinyl acetate	106		105		70-130	1		30
4-Methyl-2-pentanone	99		109		70-130	10		30
1,2,3-Trichloropropane	106		108		68-130	2		30
2-Hexanone	85		92		70-130	8		30
Bromochloromethane	109		93		70-130	16		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2029007-3 WG2029007-4								
2,2-Dichloropropane	120		108		70-130	11		30
1,2-Dibromoethane	105		104		70-130	1		30
1,3-Dichloropropane	109		109		69-130	0		30
1,1,1,2-Tetrachloroethane	115		111		70-130	4		30
Bromobenzene	104		103		70-130	1		30
n-Butylbenzene	114		111		70-130	3		30
sec-Butylbenzene	108		106		70-130	2		30
tert-Butylbenzene	102		100		70-130	2		30
o-Chlorotoluene	130		128		70-130	2		30
p-Chlorotoluene	111		110		70-130	1		30
1,2-Dibromo-3-chloropropane	92		96		68-130	4		30
Hexachlorobutadiene	103		101		67-130	2		30
Isopropylbenzene	106		104		70-130	2		30
p-Isopropyltoluene	106		104		70-130	2		30
Naphthalene	91		94		70-130	3		30
Acrylonitrile	92		92		70-130	0		30
n-Propylbenzene	111		109		70-130	2		30
1,2,3-Trichlorobenzene	102		100		70-130	2		30
1,2,4-Trichlorobenzene	104		100		70-130	4		30
1,3,5-Trimethylbenzene	109		108		70-130	1		30
1,2,4-Trimethylbenzene	108		106		70-130	2		30
1,4-Dioxane	108		116		65-136	7		30
p-Diethylbenzene	106		104		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2029007-3 WG2029007-4								
p-Ethyltoluene	108		106		70-130	2		30
1,2,4,5-Tetramethylbenzene	99		98		70-130	1		30
Ethyl ether	97		97		67-130	0		30
trans-1,4-Dichloro-2-butene	121		122		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		111		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	102		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG2031032-3 WG2031032-4								
Methylene chloride	95		94		70-130	1		30
1,1-Dichloroethane	110		108		70-130	2		30
Chloroform	95		94		70-130	1		30
Carbon tetrachloride	89		89		70-130	0		30
1,2-Dichloropropane	113		111		70-130	2		30
Dibromochloromethane	99		98		70-130	1		30
1,1,2-Trichloroethane	104		102		70-130	2		30
Tetrachloroethene	93		91		70-130	2		30
Chlorobenzene	104		100		70-130	4		30
Trichlorofluoromethane	92		92		70-139	0		30
1,2-Dichloroethane	92		91		70-130	1		30
1,1,1-Trichloroethane	92		90		70-130	2		30
Bromodichloromethane	94		92		70-130	2		30
trans-1,3-Dichloropropene	104		101		70-130	3		30
cis-1,3-Dichloropropene	107		106		70-130	1		30
1,1-Dichloropropene	99		97		70-130	2		30
Bromoform	93		93		70-130	0		30
1,1,2,2-Tetrachloroethane	113		111		70-130	2		30
Benzene	102		100		70-130	2		30
Toluene	104		100		70-130	4		30
Ethylbenzene	101		97		70-130	4		30
Chloromethane	**149**	Q	**139**	Q	52-130	7		30
Bromomethane	127		123		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG2031032-3 WG2031032-4								
Vinyl chloride	112		107		67-130	5		30
Chloroethane	111		110		50-151	1		30
1,1-Dichloroethene	107		106		65-135	1		30
trans-1,2-Dichloroethene	107		104		70-130	3		30
Trichloroethene	99		98		70-130	1		30
1,2-Dichlorobenzene	105		102		70-130	3		30
1,3-Dichlorobenzene	108		105		70-130	3		30
1,4-Dichlorobenzene	106		103		70-130	3		30
Methyl tert butyl ether	113		112		66-130	1		30
p/m-Xylene	104		100		70-130	4		30
o-Xylene	103		100		70-130	3		30
cis-1,2-Dichloroethene	102		102		70-130	0		30
Dibromomethane	93		92		70-130	1		30
Styrene	104		102		70-130	2		30
Dichlorodifluoromethane	118		115		30-146	3		30
Acetone	102		102		54-140	0		30
Carbon disulfide	112		109		59-130	3		30
2-Butanone	110		112		70-130	2		30
Vinyl acetate	117		115		70-130	2		30
4-Methyl-2-pentanone	120		115		70-130	4		30
1,2,3-Trichloropropane	108		106		68-130	2		30
2-Hexanone	105		102		70-130	3		30
Bromochloromethane	103		102		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG2031032-3 WG2031032-4								
2,2-Dichloropropane	98		96		70-130	2		30
1,2-Dibromoethane	104		103		70-130	1		30
1,3-Dichloropropane	104		102		69-130	2		30
1,1,1,2-Tetrachloroethane	99		98		70-130	1		30
Bromobenzene	99		97		70-130	2		30
n-Butylbenzene	117		114		70-130	3		30
sec-Butylbenzene	112		109		70-130	3		30
tert-Butylbenzene	110		108		70-130	2		30
o-Chlorotoluene	114		109		70-130	4		30
p-Chlorotoluene	111		109		70-130	2		30
1,2-Dibromo-3-chloropropane	86		89		68-130	3		30
Hexachlorobutadiene	82		81		67-130	1		30
Isopropylbenzene	113		109		70-130	4		30
p-Isopropyltoluene	115		112		70-130	3		30
Naphthalene	108		108		70-130	0		30
Acrylonitrile	**138**	Q	**139**	Q	70-130	1		30
n-Propylbenzene	114		110		70-130	4		30
1,2,3-Trichlorobenzene	94		97		70-130	3		30
1,2,4-Trichlorobenzene	98		98		70-130	0		30
1,3,5-Trimethylbenzene	110		105		70-130	5		30
1,2,4-Trimethylbenzene	109		106		70-130	3		30
1,4-Dioxane	100		102		65-136	2		30
p-Diethylbenzene	120		117		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG2031032-3 WG2031032-4								
p-Ethyltoluene	116		113		70-130	3		30
1,2,4,5-Tetramethylbenzene	115		112		70-130	3		30
Ethyl ether	120		119		67-130	1		30
trans-1,4-Dichloro-2-butene	117		119		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		90		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	93		94		70-130

SEMIVOLATILES

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 09:47
Analyst: IMK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		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	1900		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	2200		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	220		ug/kg	180	62.	1
Butyl benzyl phthalate	45	J	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:00
Date Received: 02/04/25
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	860		ug/kg	110	20.	1
Benzo(a)pyrene	600		ug/kg	140	44.	1
Benzo(b)fluoranthene	750		ug/kg	110	30.	1
Benzo(k)fluoranthene	260		ug/kg	110	29.	1
Chrysene	770		ug/kg	110	19.	1
Acenaphthylene	140		ug/kg	140	28.	1
Anthracene	720		ug/kg	110	35.	1
Benzo(ghi)perylene	290		ug/kg	140	21.	1
Fluorene	1100		ug/kg	180	17.	1
Phenanthrene	2300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	83	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	140	25.	1
Pyrene	1400		ug/kg	110	18.	1
Biphenyl	45	J	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	880		ug/kg	180	17.	1
2-Methylnaphthalene	950		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	28	J	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	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	100	J	ug/kg	260	28.	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:00
Date Received: 02/04/25
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	76	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	14800	J	ug/kg			1
Unknown	911	J	ug/kg			1
Unknown Phenol	346	J	ug/kg			1
Unknown	335	J	ug/kg			1
Unknown	350	J	ug/kg			1
Unknown PAH	341	J	ug/kg			1
Unknown PAH	374	J	ug/kg			1
Unknown	306	J	ug/kg			1
Unknown	528	J	ug/kg			1
Unknown Organic Acid	8630	J	ug/kg			1
Unknown	336	J	ug/kg			1
Unknown	346	J	ug/kg			1
Unknown Naphthalene	339	J	ug/kg			1
Unknown Naphthalene	466	J	ug/kg			1
Unknown	378	J	ug/kg			1
Unknown Naphthalene	387	J	ug/kg			1
Unknown PAH	460	J	ug/kg			1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:00
Date Received: 02/04/25
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	111		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	116		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	103		18-120

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/07/25 15:15
Analyst: CAP
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.798	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.798	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.024	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.128	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.798	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.038	JF	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.421		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.798	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.798	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.798	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:00
Date Received: 02/04/25
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/g	0.798	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.798	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02 Date Collected: 02/04/25 10:00

Client ID: SB-2 (9.5-10) Date Received: 02/04/25

Sample Location: BRONX, 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)	68		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	64		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	74		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	70		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	67		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	60		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	72		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	71		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	71		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	64		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	59		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	110		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	59		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	83		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	91		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 08:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 10:09
Analyst: IMK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140		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	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	2800		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	390		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	270		ug/kg	180	62.	1
Butyl benzyl phthalate	45	J	ug/kg	180	45.	1
Di-n-butylphthalate	160	J	ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03 Date Collected: 02/04/25 08:45

Client ID: SB-7 (4.5-5) Date Received: 02/04/25

Sample Location: BRONX, 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	1600		ug/kg	110	20.	1
Benzo(a)pyrene	1500		ug/kg	140	43.	1
Benzo(b)fluoranthene	1900		ug/kg	110	30.	1
Benzo(k)fluoranthene	550		ug/kg	110	28.	1
Chrysene	1700		ug/kg	110	18.	1
Acenaphthylene	320		ug/kg	140	28.	1
Anthracene	530		ug/kg	110	35.	1
Benzo(ghi)perylene	1000		ug/kg	140	21.	1
Fluorene	150	J	ug/kg	180	17.	1
Phenanthrene	2200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	220		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	950		ug/kg	140	25.	1
Pyrene	2700		ug/kg	110	18.	1
Biphenyl	56	J	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	170	J	ug/kg	180	17.	1
2-Methylnaphthalene	450		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	78	J	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	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 08:45
Date Received: 02/04/25
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	190		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	7280	J	ug/kg			1
Unknown	246	J	ug/kg			1
Unknown	242	J	ug/kg			1
Unknown Alkane	490	J	ug/kg			1
Unknown Benzene	243	J	ug/kg			1
Unknown Ketone	210	J	ug/kg			1
Unknown PAH	558	J	ug/kg			1
Unknown	1030	J	ug/kg			1
Unknown Naphthalene	226	J	ug/kg			1
Unknown PAH	559	J	ug/kg			1
Unknown PAH	1330	J	ug/kg			1
Unknown Naphthalene	245	J	ug/kg			1
Unknown Naphthalene	400	J	ug/kg			1
Unknown Benzene	220	J	ug/kg			1
Unknown Naphthalene	242	J	ug/kg			1
Unknown PAH	794	J	ug/kg			1
Unknown PAH	245	J	ug/kg			1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 08:45
Date Received: 02/04/25
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	107		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	101		18-120

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 08:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/07/25 15:24
Analyst: CAP
Percent Solids: 92%

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.801	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.048	J	ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.801	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.030	JF	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.018	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.146	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.801	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.032	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.493		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.035	JF	ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.801	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.019	J	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.801	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.801	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03 Date Collected: 02/04/25 08:45

Client ID: SB-7 (4.5-5) Date Received: 02/04/25

Sample Location: BRONX, 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/g	0.801	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.801	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.083	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03 Date Collected: 02/04/25 08:45

Client ID: SB-7 (4.5-5) Date Received: 02/04/25

Sample Location: BRONX, 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)	79		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	73		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	71		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	71		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	72		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	59		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	45		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	65		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	66		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 04:32
Analyst: IMK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

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	58	J	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:00
Date Received: 02/04/25
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	47	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	61	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	120		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	37	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	97	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	71	J	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	23	J	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:00
Date Received: 02/04/25
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						
Total TIC Compounds	1120	J	ug/kg			1
Unknown PAH	175	J	ug/kg			1
Unknown	169	J	ug/kg			1
Unknown	170	J	ug/kg			1
Unknown	186	J	ug/kg			1
Unknown Organic Acid	276	J	ug/kg			1
Unknown	144	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	106		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	97		18-120

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/07/25 15:33
Analyst: CAP
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.801	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.052	J	ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.801	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.054	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.022	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.280		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.801	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.030	JF	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.485		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.801	0.260	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.801	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.801	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.801	0.030	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.801	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.083	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.01	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.01	0.366	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04 Date Collected: 02/04/25 11:00

Client ID: SB-5 (8-8.5) Date Received: 02/04/25

Sample Location: BRONX, 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)	74		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	68		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	65		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	67		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	65		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**37**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	60		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	67		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04 D
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/11/25 23:47
Analyst: ANH
Percent Solids: 90%

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	2.00	0.857	10

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04 D
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
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)	60		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	54		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	58		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**37**	Q	40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	48		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	48		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	50		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	60		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	65		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	42		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	43		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	60		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	55		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	60		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	57		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	46		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	44		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	45		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	52		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 07:09
Analyst: IMK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

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	150		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05 Date Collected: 02/04/25 09:30

Client ID: SB-1 (0.5-1) Date Received: 02/04/25

Sample Location: BRONX, 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	87	J	ug/kg	110	20.	1
Benzo(a)pyrene	89	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	110		ug/kg	110	31.	1
Benzo(k)fluoranthene	41	J	ug/kg	110	29.	1
Chrysene	88	J	ug/kg	110	19.	1
Acenaphthylene	28	J	ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	62	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	77	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	53	J	ug/kg	140	25.	1
Pyrene	130		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	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	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY
Date Collected: 02/04/25 09:30
Date Received: 02/04/25
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	169	J	ug/kg			1
Unknown Organic Acid	169	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	82		18-120

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/07/25 15:42
Analyst: CAP
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.042	J	ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.020	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.109	J	ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.018	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.304		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY
Date Collected: 02/04/25 09:30
Date Received: 02/04/25
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/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05 Date Collected: 02/04/25 09:30

Client ID: SB-1 (0.5-1) Date Received: 02/04/25

Sample Location: BRONX, 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)	86		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	79		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	101		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	50		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	91		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	89		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 11:39
Analyst: IMK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230		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	22000	E	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	470		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	550		ug/kg	180	62.	1
Butyl benzyl phthalate	170	J	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: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06 Date Collected: 02/04/25 10:30

Client ID: SB-3 (3-3.5) Date Received: 02/04/25

Sample Location: BRONX, 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	11000	E	ug/kg	110	20.	1
Benzo(a)pyrene	10000	E	ug/kg	140	44.	1
Benzo(b)fluoranthene	17000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	3300		ug/kg	110	29.	1
Chrysene	13000	E	ug/kg	110	19.	1
Acenaphthylene	5500		ug/kg	140	28.	1
Anthracene	2500		ug/kg	110	35.	1
Benzo(ghi)perylene	6300		ug/kg	140	21.	1
Fluorene	3000		ug/kg	180	17.	1
Phenanthrene	18000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1800		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	7200	E	ug/kg	140	25.	1
Pyrene	16000	E	ug/kg	110	18.	1
Biphenyl	120	J	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	1600		ug/kg	180	17.	1
2-Methylnaphthalene	380		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	24	J	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	110	J	ug/kg	180	27.	1
2-Methylphenol	48	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	230	J	ug/kg	260	28.	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:30
Date Received: 02/04/25
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	1300		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	33100	J	ug/kg			1
Unknown	2360	J	ug/kg			1
Unknown PAH	1900	J	ug/kg			1
Unknown	813	J	ug/kg			1
Unknown PAH	411	J	ug/kg			1
Unknown PAH	10100	J	ug/kg			1
Unknown	1400	J	ug/kg			1
Unknown PAH	4700	J	ug/kg			1
Unknown	1520	J	ug/kg			1
Unknown Naphthalene	450	J	ug/kg			1
Unknown Naphthalene	591	J	ug/kg			1
Unknown PAH	730	J	ug/kg			1
Unknown PAH	2100	J	ug/kg			1
Unknown	1240	J	ug/kg			1
Unknown Ketone	411	J	ug/kg			1
Unknown PAH	4020	J	ug/kg			1
Unknown Naphthalene	388	J	ug/kg			1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:30
Date Received: 02/04/25
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	116		25-120
Phenol-d6	112		10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	102		18-120

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/07/25 15:51
Analyst: CAP
Percent Solids: 91%

Date Collected: 02/04/25 10:30
Date Received: 02/04/25
Field Prep: Not Specified

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.795	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.061	J	ng/g	0.397	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.795	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.037	JF	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.031	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.277		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.795	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.032	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.619		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.795	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
Perfluoroundecanoic Acid (PFUnA)	0.024	JF	ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.795	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.795	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.795	0.029	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.795	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.994	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	0.363	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06 Date Collected: 02/04/25 10:30

Client ID: SB-3 (3-3.5) Date Received: 02/04/25

Sample Location: BRONX, 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)	66		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	65		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	68		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	64		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	70		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	62		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	67		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	59		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**35**	Q	40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	64		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06 D
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/07/25 16:30
Analyst: IMK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	22000		ug/kg	1100	210	10
Benzo(a)anthracene	6900		ug/kg	1100	200	10
Benzo(a)pyrene	7000		ug/kg	1400	440	10
Benzo(b)fluoranthene	11000		ug/kg	1100	300	10
Chrysene	9400		ug/kg	1100	190	10
Phenanthrene	17000		ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	4900		ug/kg	1400	250	10
Pyrene	16000		ug/kg	1100	180	10

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06 D
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/25 18:22
Analyst: ANH
Percent Solids: 91%

Date Collected: 02/04/25 10:30
Date Received: 02/04/25
Field Prep: Not Specified

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	1.99	0.850	10

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06 D
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:30
Date Received: 02/04/25
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)	63		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	53		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	50		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	55		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	60		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	67		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	55		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	60		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	74		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	62		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	52		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	62		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	52		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	57		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	61		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	50		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	53		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 06:02
Analyst: IMK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	28	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	910		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	66	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	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:45
Date Received: 02/04/25
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	530		ug/kg	110	21.	1
Benzo(a)pyrene	560		ug/kg	150	46.	1
Benzo(b)fluoranthene	720		ug/kg	110	32.	1
Benzo(k)fluoranthene	240		ug/kg	110	30.	1
Chrysene	560		ug/kg	110	20.	1
Acenaphthylene	74	J	ug/kg	150	29.	1
Anthracene	100	J	ug/kg	110	37.	1
Benzo(ghi)perylene	380		ug/kg	150	22.	1
Fluorene	32	J	ug/kg	190	18.	1
Phenanthrene	490		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	91	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	350		ug/kg	150	26.	1
Pyrene	840		ug/kg	110	19.	1
Biphenyl	44	J	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	26	J	ug/kg	190	18.	1
2-Methylnaphthalene	140	J	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:45
Date Received: 02/04/25
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	50	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
Total TIC Compounds	1080	J	ug/kg			1
Unknown PAH	409	J	ug/kg			1
Unknown	293	J	ug/kg			1
Unknown PAH	157	J	ug/kg			1
Unknown PAH	221	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	84		18-120

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/07/25 16:00
Analyst: CAP
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.035	J	ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.054	J	ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.038	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.017	JF	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.302		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.070	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.740		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.021	J	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.024	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07 Date Collected: 02/04/25 10:45

Client ID: SB-4 (1-1.5) Date Received: 02/04/25

Sample Location: BRONX, 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/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07 Date Collected: 02/04/25 10:45

Client ID: SB-4 (1-1.5) Date Received: 02/04/25

Sample Location: BRONX, 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)	82		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	77		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	74		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	76		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	66		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	40		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	89		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/07/25 16:09
Analyst: CAP
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.104	J	ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.062	JF	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.041	JF	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.377		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.018	JF	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.167	J	ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 Date Collected: 02/04/25 09:00

Client ID: SB-8 (6.5-7) Date Received: 02/04/25

Sample Location: BRONX, 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/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 Date Collected: 02/04/25 09:00

Client ID: SB-8 (6.5-7) Date Received: 02/04/25

Sample Location: BRONX, 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)	88		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	53		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	91		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	96		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	86		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 D
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/07/25 16:07
Analyst: IMK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	98	J	ug/kg	710	92.	5
1,2,4-Trichlorobenzene	ND		ug/kg	890	100	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	800	120	5
2-Chloronaphthalene	ND		ug/kg	890	88.	5
1,2-Dichlorobenzene	ND		ug/kg	890	160	5
1,3-Dichlorobenzene	ND		ug/kg	890	150	5
1,4-Dichlorobenzene	ND		ug/kg	890	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	890	240	5
2,4-Dinitrotoluene	ND		ug/kg	890	180	5
2,6-Dinitrotoluene	ND		ug/kg	890	150	5
Fluoranthene	2900		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	890	95.	5
4-Bromophenyl phenyl ether	ND		ug/kg	890	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	960	89.	5
Hexachlorobutadiene	ND		ug/kg	890	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	810	5
Hexachloroethane	ND		ug/kg	710	140	5
Isophorone	ND		ug/kg	800	120	5
Naphthalene	310	J	ug/kg	890	110	5
Nitrobenzene	ND		ug/kg	800	130	5
NDPA/DPA	ND		ug/kg	710	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	890	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	890	310	5
Butyl benzyl phthalate	ND		ug/kg	890	220	5
Di-n-butylphthalate	ND		ug/kg	890	170	5
Di-n-octylphthalate	ND		ug/kg	890	300	5

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 D Date Collected: 02/04/25 09:00

Client ID: SB-8 (6.5-7) Date Received: 02/04/25

Sample Location: BRONX, 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	890	83.	5
Dimethyl phthalate	ND		ug/kg	890	190	5
Benzo(a)anthracene	1500		ug/kg	540	100	5
Benzo(a)pyrene	1700		ug/kg	710	220	5
Benzo(b)fluoranthene	2100		ug/kg	540	150	5
Benzo(k)fluoranthene	790		ug/kg	540	140	5
Chrysene	1600		ug/kg	540	93.	5
Acenaphthylene	280	J	ug/kg	710	140	5
Anthracene	380	J	ug/kg	540	170	5
Benzo(ghi)perylene	1200		ug/kg	710	100	5
Fluorene	120	J	ug/kg	890	87.	5
Phenanthrene	1700		ug/kg	540	110	5
Dibenzo(a,h)anthracene	280	J	ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	1100		ug/kg	710	120	5
Pyrene	2600		ug/kg	540	89.	5
Biphenyl	ND		ug/kg	2000	120	5
4-Chloroaniline	ND		ug/kg	890	160	5
2-Nitroaniline	ND		ug/kg	890	170	5
3-Nitroaniline	ND		ug/kg	890	170	5
4-Nitroaniline	ND		ug/kg	890	370	5
Dibenzofuran	160	J	ug/kg	890	84.	5
2-Methylnaphthalene	370	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	890	93.	5
Acetophenone	ND		ug/kg	890	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	890	130	5
2-Chlorophenol	ND		ug/kg	890	100	5
2,4-Dichlorophenol	ND		ug/kg	800	140	5
2,4-Dimethylphenol	ND		ug/kg	890	290	5
2-Nitrophenol	ND		ug/kg	1900	340	5
4-Nitrophenol	ND		ug/kg	1200	360	5
2,4-Dinitrophenol	ND		ug/kg	4300	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	430	5
Pentachlorophenol	ND		ug/kg	710	200	5
Phenol	ND		ug/kg	890	130	5
2-Methylphenol	ND		ug/kg	890	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08 D
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY
Date Collected: 02/04/25 09:00
Date Received: 02/04/25
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	890	170	5
Benzoic Acid	ND		ug/kg	2900	900	5
Benzyl Alcohol	ND		ug/kg	890	270	5
Carbazole	180	J	ug/kg	890	87.	5
1,4-Dioxane	ND		ug/kg	130	41.	5
Tentatively Identified Compounds						
Total TIC Compounds	4400	J	ug/kg			5
Unknown PAH	719	J	ug/kg			5
Unknown PAH	1320	J	ug/kg			5
Unknown	719	J	ug/kg			5
Unknown PAH	760	J	ug/kg			5
Unknown	878	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	40		10-136
4-Terphenyl-d14	101		18-120

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/06/25 08:39
Analyst: IMK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	770		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	7700	E	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	790		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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:30
Date Received: 02/04/25
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	4600		ug/kg	110	21.	1
Benzo(a)pyrene	3800		ug/kg	150	46.	1
Benzo(b)fluoranthene	4300		ug/kg	110	32.	1
Benzo(k)fluoranthene	1900		ug/kg	110	30.	1
Chrysene	4200		ug/kg	110	20.	1
Acenaphthylene	230		ug/kg	150	29.	1
Anthracene	2100		ug/kg	110	37.	1
Benzo(ghi)perylene	2000		ug/kg	150	22.	1
Fluorene	1100		ug/kg	190	18.	1
Phenanthrene	7400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	570		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	150	26.	1
Pyrene	6800		ug/kg	110	19.	1
Biphenyl	98	J	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	640		ug/kg	190	18.	1
2-Methylnaphthalene	380		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	63.	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	39	J	ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	72	J	ug/kg	270	30.	1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:30
Date Received: 02/04/25
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	950		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
Total TIC Compounds	16100	J	ug/kg			1
Unknown Thiophene	434	J	ug/kg			1
Unknown PAH	811	J	ug/kg			1
Unknown	642	J	ug/kg			1
Unknown	1530	J	ug/kg			1
Unknown PAH	898	J	ug/kg			1
Unknown PAH	2300	J	ug/kg			1
Unknown PAH	1430	J	ug/kg			1
Unknown	427	J	ug/kg			1
Unknown	1090	J	ug/kg			1
Unknown	2260	J	ug/kg			1
Unknown PAH	570	J	ug/kg			1
Unknown PAH	1220	J	ug/kg			1
Unknown PAH	377	J	ug/kg			1
Unknown PAH	841	J	ug/kg			1
Unknown	407	J	ug/kg			1
Unknown PAH	888	J	ug/kg			1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:30
Date Received: 02/04/25
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	101		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	87		18-120

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/07/25 16:18
Analyst: CAP
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.166	J	ng/g	0.796	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.044	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.091	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.732		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.147	J	ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09 Date Collected: 02/04/25 11:30

Client ID: SB-6 (5-5.5) Date Received: 02/04/25

Sample Location: BRONX, 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/g	0.796	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.995	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	0.364	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09 Date Collected: 02/04/25 11:30

Client ID: SB-6 (5-5.5) Date Received: 02/04/25

Sample Location: BRONX, 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)	91		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	96		40-165
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)	88		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	92		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	98		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	113		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	83		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	82		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	93		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09 D
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/07/25 16:54
Analyst: IMK
Percent Solids: 87%

Date Collected: 02/04/25 11:30
Date Received: 02/04/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	10000		ug/kg	1100	220	10

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/07/25 02:03
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

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	2.0	J	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: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10 Date Collected: 02/04/25 13:00

Client ID: TW-2 Date Received: 02/04/25

Sample Location: BRONX, 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	ND		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	87.5	J	ug/l			1
Unknown Benzene	12.6	J	ug/l			1
Unknown Alkane	11.3	J	ug/l			1
Unknown Cycloalkane	5.50	J	ug/l			1
Unknown Alkane	8.70	J	ug/l			1
Unknown Organic Acid	17.2	J	ug/l			1
Unknown	4.10	J	ug/l			1
Unknown	7.10	J	ug/l			1
Unknown Organic Acid	9.00	J	ug/l			1
Unknown	5.30	J	ug/l			1
Unknown	6.70	J	ug/l			1

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY
Date Collected: 02/04/25 13:00
Date Received: 02/04/25
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	39		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	84		41-149

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/07/25 14:24
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

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	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		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	ND		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	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.07	J	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY
Date Collected: 02/04/25 13:00
Date Received: 02/04/25
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	42		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	94		41-149

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/10/25 11:03
Analyst: GRS

Date Collected: 02/04/25 13:00
Date Received: 02/04/25
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 02/07/25 11:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	34		15-110

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 02/07/25 18:29
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/07/25 01:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.84	J	ng/l	5.90	0.487	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.95	0.332	1
Perfluorobutanesulfonic Acid (PFBS)	5.20		ng/l	1.48	0.369	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.90	0.841	1
Perfluorohexanoic Acid (PFHxA)	0.288	J	ng/l	1.48	0.229	1
Perfluoropentanesulfonic Acid (PFPeS)	0.303	J	ng/l	1.48	0.192	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.48	0.221	1
Perfluorohexanesulfonic Acid (PFHxS)	1.91		ng/l	1.48	0.125	1
Perfluorooctanoic Acid (PFOA)	1.86		ng/l	1.48	0.244	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.90	4.44	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.288	J	ng/l	1.48	0.184	1
Perfluorononanoic Acid (PFNA)	1.43	J	ng/l	1.48	0.244	1
Perfluorooctanesulfonic Acid (PFOS)	19.0		ng/l	1.48	0.244	1
Perfluorodecanoic Acid (PFDA)	0.214	J	ng/l	1.48	0.192	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.90	1.13	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.48	0.184	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.48	0.443	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.48	0.162	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.48	0.125	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.48	0.089	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.48	0.443	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.48	0.199	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.48	0.170	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.48	0.148	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.90	1.48	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.90	0.347	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.48	0.221	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10 Date Collected: 02/04/25 13:00

Client ID: TW-2 Date Received: 02/04/25

Sample Location: BRONX, 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	5.90	0.406	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.90	0.413	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.48	0.207	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.48	0.325	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.8	1.20	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.8	1.02	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.95	0.229	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.95	0.332	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.95	0.303	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.95	0.502	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.38	0.494	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.9	3.93	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.9	2.94	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10 Date Collected: 02/04/25 13:00

Client ID: TW-2 Date Received: 02/04/25

Sample Location: BRONX, 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)	94		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**228**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	103		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**236**	Q	40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	145		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	58		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	95		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	66		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	76		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77		10-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/07/25 01:39
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

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: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11 Date Collected: 02/04/25 13:45

Client ID: TW-1 Date Received: 02/04/25

Sample Location: BRONX, 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	2.4	J	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	ND		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	25.7	J	ug/l			1
Unknown	7.20	J	ug/l			1
Unknown	8.10	J	ug/l			1
Unknown Cycloalkane	6.10	J	ug/l			1
Unknown Organic Acid	4.30	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	85		41-149

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/07/25 14:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

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	0.09	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.09	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.17		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	ND		ug/l	0.10	0.02	1
Pyrene	0.08	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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY
Date Collected: 02/04/25 13:45
Date Received: 02/04/25
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	60		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	89		41-149

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/10/25 11:33
Analyst: GRS

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 02/07/25 11:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 02/07/25 18:38
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/07/25 01:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	23.1		ng/l	6.10	0.503	1
Perfluoropentanoic Acid (PFPeA)	62.4		ng/l	3.05	0.343	1
Perfluorobutanesulfonic Acid (PFBS)	6.79		ng/l	1.52	0.381	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.10	0.869	1
Perfluorohexanoic Acid (PFHxA)	46.4		ng/l	1.52	0.236	1
Perfluoropentanesulfonic Acid (PFPeS)	0.320	J	ng/l	1.52	0.198	1
Perfluoroheptanoic Acid (PFHpA)	12.5	F	ng/l	1.52	0.229	1
Perfluorohexanesulfonic Acid (PFHxS)	0.983	J	ng/l	1.52	0.130	1
Perfluorooctanoic Acid (PFOA)	48.2		ng/l	1.52	0.252	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.10	4.59	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.52	0.190	1
Perfluorononanoic Acid (PFNA)	5.15		ng/l	1.52	0.252	1
Perfluorooctanesulfonic Acid (PFOS)	28.0		ng/l	1.52	0.252	1
Perfluorodecanoic Acid (PFDA)	0.739	J	ng/l	1.52	0.198	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.10	1.17	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.52	0.190	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.52	0.457	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.52	0.168	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.52	0.130	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.52	0.091	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.52	0.457	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.52	0.206	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.52	0.175	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.52	0.152	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.10	1.52	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.10	0.358	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.52	0.229	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11 Date Collected: 02/04/25 13:45

Client ID: TW-1 Date Received: 02/04/25

Sample Location: BRONX, 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	6.10	0.419	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.10	0.427	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.52	0.213	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.52	0.335	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.2	1.24	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.2	1.05	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.05	0.236	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.05	0.343	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.05	0.312	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.05	0.518	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.62	0.511	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.1	4.05	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.1	3.03	1

Project Name: 2742 WEBSTER AVE **Lab Number:** L2506138

Project Number: 13581B **Report Date:** 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11 Date Collected: 02/04/25 13:45

Client ID: TW-1 Date Received: 02/04/25

Sample Location: BRONX, 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)	99		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	157		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	119		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	97		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	52		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	73		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	86		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	84		10-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 03:24
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG2027158-1					
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	28.
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	56.
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: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 03:24
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG2027158-1					
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	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 03:24
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 02/05/25 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG2027158-1					
4-Nitrophenol	ND		ug/kg	230	67.
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	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	68		18-120

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/07/25 14:40
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02-09 Batch: WG2027363-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/07/25 14:40
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02-09 Batch: WG2027363-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/07/25 14:40
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/06/25 08:45
Cleanup Method: EPA 1633
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02-09 Batch: WG2027363-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	96		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	114		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	121		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	105		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	113		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	112		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	102		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	83		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90		15-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 23:18
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG2027509-1					
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: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 23:18
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG2027509-1					
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: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 23:18
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG2027509-1					
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	18.4	J	ug/l
Unknown	6.30	J	ug/l
Unknown	7.00	J	ug/l
Unknown	5.10	J	ug/l

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/06/25 23:18
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG2027509-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	71		41-149

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/07/25 10:46
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 10-11 Batch: WG2027510-1					
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: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/07/25 10:46
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 14:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 10-11 Batch: WG2027510-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	91		41-149

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/07/25 17:06
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/07/25 01:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 10-11 Batch: WG2027662-1					
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
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
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)	0.272	J	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
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
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
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/07/25 17:06
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/07/25 01:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 10-11 Batch: WG2027662-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/07/25 17:06
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 02/07/25 01:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 10-11 Batch: WG2027662-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	98		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	110		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89		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)	88		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	101		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82		10-130

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/10/25 09:46
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 02/07/25 11:48

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 10-11 Batch: WG2027884-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-09 Batch: WG2027158-2 WG2027158-3								
Acenaphthene	56		71		31-137	24		50
1,2,4-Trichlorobenzene	53		68		38-107	25		50
Hexachlorobenzene	49		64		40-140	27		50
Bis(2-chloroethyl)ether	56		71		40-140	24		50
2-Chloronaphthalene	52		66		40-140	24		50
1,2-Dichlorobenzene	54		67		40-140	21		50
1,3-Dichlorobenzene	55		66		40-140	18		50
1,4-Dichlorobenzene	54		68		28-104	23		50
3,3'-Dichlorobenzidine	**38**	Q	49		40-140	25		50
2,4-Dinitrotoluene	70		91		40-132	26		50
2,6-Dinitrotoluene	63		83		40-140	27		50
Fluoranthene	56		73		40-140	26		50
4-Chlorophenyl phenyl ether	54		70		40-140	26		50
4-Bromophenyl phenyl ether	52		67		40-140	25		50
Bis(2-chloroisopropyl)ether	55		69		40-140	23		50
Bis(2-chloroethoxy)methane	58		74		40-117	24		50
Hexachlorobutadiene	49		61		40-140	22		50
Hexachlorocyclopentadiene	74		94		40-140	24		50
Hexachloroethane	56		71		40-140	24		50
Isophorone	56		72		40-140	25		50
Naphthalene	56		70		40-140	22		50
Nitrobenzene	61		76		40-140	22		50
NDPA/DPA	55		72		36-157	27		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-09 Batch: WG2027158-2 WG2027158-3								
n-Nitrosodi-n-propylamine	57		72		32-121	23		50
Bis(2-ethylhexyl)phthalate	70		94		40-140	29		50
Butyl benzyl phthalate	68		89		40-140	27		50
Di-n-butylphthalate	65		86		40-140	28		50
Di-n-octylphthalate	70		93		40-140	28		50
Diethyl phthalate	58		75		40-140	26		50
Dimethyl phthalate	54		70		40-140	26		50
Benzo(a)anthracene	56		73		40-140	26		50
Benzo(a)pyrene	61		80		40-140	27		50
Benzo(b)fluoranthene	57		72		40-140	23		50
Benzo(k)fluoranthene	58		76		40-140	27		50
Chrysene	58		74		40-140	24		50
Acenaphthylene	57		73		40-140	25		50
Anthracene	57		75		40-140	27		50
Benzo(ghi)perylene	55		72		40-140	27		50
Fluorene	56		72		40-140	25		50
Phenanthrene	55		70		40-140	24		50
Dibenzo(a,h)anthracene	54		71		40-140	27		50
Indeno(1,2,3-cd)pyrene	55		71		40-140	25		50
Pyrene	55		71		35-142	25		50
Biphenyl	55		71		37-127	25		50
4-Chloroaniline	48		59		40-140	21		50
2-Nitroaniline	70		92		47-134	27		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-09 Batch: WG2027158-2 WG2027158-3								
3-Nitroaniline	54		63		26-129	15		50
4-Nitroaniline	71		90		41-125	24		50
Dibenzofuran	55		70		40-140	24		50
2-Methylnaphthalene	51		65		40-140	24		50
1,2,4,5-Tetrachlorobenzene	52		66		40-117	24		50
Acetophenone	62		77		14-144	22		50
2,4,6-Trichlorophenol	58		78		30-130	29		50
p-Chloro-m-cresol	62		80		26-103	25		50
2-Chlorophenol	64		81		25-102	23		50
2,4-Dichlorophenol	58		76		30-130	27		50
2,4-Dimethylphenol	71		91		30-130	25		50
2-Nitrophenol	78		99		30-130	24		50
4-Nitrophenol	67		87		11-114	26		50
2,4-Dinitrophenol	80		101		4-130	23		50
4,6-Dinitro-o-cresol	82		107		10-130	26		50
Pentachlorophenol	59		76		17-109	25		50
Phenol	65		82		26-90	23		50
2-Methylphenol	64		80		30-130.	22		50
3-Methylphenol/4-Methylphenol	64		81		30-130	23		50
2,4,5-Trichlorophenol	60		75		30-130	22		50
Benzoic Acid	57		86		10-110	41		50
Benzyl Alcohol	62		78		40-140	23		50
Carbazole	58		76		54-128	27		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-09 Batch: WG2027158-2 WG2027158-3								
1,4-Dioxane	50		66		40-140	28		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		81		25-120
Phenol-d6	60		76		10-120
Nitrobenzene-d5	59		77		23-120
2-Fluorobiphenyl	48		65		30-120
2,4,6-Tribromophenol	47		63		10-136
4-Terphenyl-d14	53		71		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

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): 02-09 Batch: WG2027363-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	110		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	121		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	121		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	116		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	117		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	102		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	122		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	118		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	98		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	114		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	109		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	97		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	116		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	119		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	101		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	129		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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): 02-09 Batch: WG2027363-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	122		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	119		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	126		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	118		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	129		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	118		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	130		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	123		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	103		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	105		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	113		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	114		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	117		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	109		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	101		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	102		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

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): 02-09 Batch: WG2027363-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92				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)	80				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	103				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	96				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	90				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	92				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	95				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-09 Batch: WG2027363-3								
Perfluorobutanoic Acid (PFBA)	116		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	118		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	124		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	107		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	118		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	120		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	84		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	128		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	123		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	121		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	124		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	117		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	115		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	106		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	121		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	115		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	117		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	125		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	105		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-09 Batch: WG2027363-3								
Perfluorododecanoic Acid (PFDoA)	120		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	116		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	141		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	114		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	121		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	130		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	129		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	135		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	100		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	110		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	117		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	111		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	116		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	113		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	93		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	102		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	100		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02-09 Batch: WG2027363-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	100				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	107				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	79				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	102				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	97				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	105				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG2027509-2 WG2027509-3								
Acenaphthene	58		80		37-111	**32**	Q	30
1,2,4-Trichlorobenzene	60		82		39-98	**31**	Q	30
Hexachlorobenzene	61		85		40-140	**33**	Q	30
Bis(2-chloroethyl)ether	58		74		40-140	24		30
2-Chloronaphthalene	60		76		40-140	24		30
1,2-Dichlorobenzene	56		74		40-140	28		30
1,3-Dichlorobenzene	56		68		40-140	19		30
1,4-Dichlorobenzene	54		73		36-97	30		30
3,3'-Dichlorobenzidine	63		85		40-140	30		30
2,4-Dinitrotoluene	62		85		48-143	**31**	Q	30
2,6-Dinitrotoluene	69		93		40-140	30		30
Fluoranthene	64		87		40-140	30		30
4-Chlorophenyl phenyl ether	60		84		40-140	**33**	Q	30
4-Bromophenyl phenyl ether	62		80		40-140	25		30
Bis(2-chloroisopropyl)ether	**37**	Q	44		40-140	17		30
Bis(2-chloroethoxy)methane	59		79		40-140	29		30
Hexachlorobutadiene	64		84		40-140	27		30
Hexachlorocyclopentadiene	70		97		40-140	**32**	Q	30
Hexachloroethane	60		74		40-140	21		30
Isophorone	64		82		40-140	25		30
Naphthalene	59		75		40-140	24		30
Nitrobenzene	65		85		40-140	27		30
NDPA/DPA	61		84		40-140	**32**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG2027509-2 WG2027509-3								
n-Nitrosodi-n-propylamine	57		76		29-132	29		30
Bis(2-ethylhexyl)phthalate	58		79		40-140	**31**	Q	30
Butyl benzyl phthalate	62		84		40-140	30		30
Di-n-butylphthalate	59		89		40-140	**41**	Q	30
Di-n-octylphthalate	56		75		40-140	29		30
Diethyl phthalate	64		80		40-140	22		30
Dimethyl phthalate	67		87		40-140	26		30
Benzo(a)anthracene	62		82		40-140	28		30
Benzo(a)pyrene	68		89		40-140	27		30
Benzo(b)fluoranthene	66		87		40-140	27		30
Benzo(k)fluoranthene	62		87		40-140	**34**	Q	30
Chrysene	61		86		40-140	**34**	Q	30
Acenaphthylene	66		88		45-123	29		30
Anthracene	63		85		40-140	30		30
Benzo(ghi)perylene	64		87		40-140	30		30
Fluorene	65		83		40-140	24		30
Phenanthrene	62		85		40-140	**31**	Q	30
Dibenzo(a,h)anthracene	59		83		40-140	**34**	Q	30
Indeno(1,2,3-cd)pyrene	58		78		40-140	29		30
Pyrene	64		86		26-127	29		30
Biphenyl	69		88		40-140	24		30
4-Chloroaniline	54		73		40-140	30		30
2-Nitroaniline	65		85		52-143	27		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG2027509-2 WG2027509-3								
3-Nitroaniline	58		76		25-145	27		30
4-Nitroaniline	65		86		51-143	28		30
Dibenzofuran	63		81		40-140	25		30
2-Methylnaphthalene	55		75		40-140	**31**	Q	30
1,2,4,5-Tetrachlorobenzene	70		92		2-134	27		30
Acetophenone	66		94		39-129	**35**	Q	30
2,4,6-Trichlorophenol	60		80		30-130	29		30
p-Chloro-m-cresol	68		93		23-97	**31**	Q	30
2-Chlorophenol	64		81		27-123	23		30
2,4-Dichlorophenol	63		83		30-130	27		30
2,4-Dimethylphenol	73		93		30-130	24		30
2-Nitrophenol	60		84		30-130	**33**	Q	30
4-Nitrophenol	42		53		10-80	23		30
2,4-Dinitrophenol	92		107		20-130	15		30
4,6-Dinitro-o-cresol	70		88		20-164	23		30
Pentachlorophenol	56		79		9-103	**34**	Q	30
Phenol	33		44		12-110	29		30
2-Methylphenol	59		82		30-130	**33**	Q	30
3-Methylphenol/4-Methylphenol	57		77		30-130	30		30
2,4,5-Trichlorophenol	66		87		30-130	27		30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	60		79		26-116	27		30
Carbazole	61		84		55-144	**32**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG2027509-2 WG2027509-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	40		53		21-120
Phenol-d6	32		40		10-120
Nitrobenzene-d5	64		77		23-120
2-Fluorobiphenyl	61		78		15-120
2,4,6-Tribromophenol	62		84		10-120
4-Terphenyl-d14	59		78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 10-11 Batch: WG2027510-2 WG2027510-3								
Acenaphthene	81		91		40-140	12		40
2-Chloronaphthalene	73		80		40-140	9		40
Fluoranthene	84		90		40-140	7		40
Hexachlorobutadiene	62		67		40-140	8		40
Naphthalene	71		79		40-140	11		40
Benzo(a)anthracene	91		101		40-140	10		40
Benzo(a)pyrene	100		110		40-140	10		40
Benzo(b)fluoranthene	96		106		40-140	10		40
Benzo(k)fluoranthene	91		100		40-140	9		40
Chrysene	86		95		40-140	10		40
Acenaphthylene	81		90		40-140	11		40
Anthracene	88		96		40-140	9		40
Benzo(ghi)perylene	99		108		40-140	9		40
Fluorene	85		94		40-140	10		40
Phenanthrene	86		91		40-140	6		40
Dibenzo(a,h)anthracene	101		111		40-140	9		40
Indeno(1,2,3-cd)pyrene	100		110		40-140	10		40
Pyrene	84		89		40-140	6		40
2-Methylnaphthalene	68		75		40-140	10		40
Pentachlorophenol	97		111		40-140	13		40
Hexachlorobenzene	84		92		40-140	9		40
Hexachloroethane	72		79		40-140	9		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 10-11 Batch: WG2027510-2 WG2027510-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		74		21-120
Phenol-d6	49		56		10-120
Nitrobenzene-d5	82		90		23-120
2-Fluorobiphenyl	70		75		15-120
2,4,6-Tribromophenol	95		105		10-120
4-Terphenyl-d14	80		84		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

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): 10-11 Batch: WG2027662-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	106		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	87		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	103		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	97		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	128		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	112		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	102		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	126		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	134		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	111		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	115		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	105		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	96		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	99		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	125		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	119		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	91		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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): 10-11 Batch: WG2027662-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	113		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	111		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	121		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	112		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	125		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	121		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	118		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	100		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	105		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	104		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	105		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	106		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	109		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	100		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	101		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	94		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	87		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

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): 10-11 Batch: WG2027662-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	114				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	114				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	123				40-200
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)	106				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	**131**	Q			40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	112				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	103				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	104				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	107				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	100				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	105				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	100				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	88				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	96				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 10-11 Batch: WG2027662-3								
Perfluorobutanoic Acid (PFBA)	119		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	130		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	113		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	115		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	130		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	116		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	109		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	117		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	133		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	126		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	120		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	99		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	122		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	114		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	133		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 10-11 Batch: WG2027662-3								
Perfluorododecanoic Acid (PFDoA)	112		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	118		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	131		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	120		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	99		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	102		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	118		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	104		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	119		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	110		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	113		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	118		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	128		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	115		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	115		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	101		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	104		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 10-11 Batch: WG2027662-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	132				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	124				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	108				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	72				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 10-11		Batch: WG2027884-2		WG2027884-3			
1,4-Dioxane	134		126		40-140	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	29		34		15-110

PCBS

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/07/25 16:07
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 19:34
Cleanup Method: EPA 3665A
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.8	4.51	1	A
Aroclor 1221	ND		ug/kg	50.8	5.09	1	A
Aroclor 1232	ND		ug/kg	50.8	10.8	1	A
Aroclor 1242	ND		ug/kg	50.8	6.84	1	A
Aroclor 1248	ND		ug/kg	50.8	7.62	1	A
Aroclor 1254	25.6	J	ug/kg	50.8	5.56	1	A
Aroclor 1260	16.0	J	ug/kg	50.8	9.38	1	A
Aroclor 1262	ND		ug/kg	50.8	6.45	1	A
Aroclor 1268	6.22	J	ug/kg	50.8	5.26	1	A
PCBs, Total	47.8	J	ug/kg	50.8	4.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 08:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/06/25 22:49
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 19:34
Cleanup Method: EPA 3665A
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.1	4.54	1	A
Aroclor 1221	ND		ug/kg	51.1	5.12	1	A
Aroclor 1232	ND		ug/kg	51.1	10.8	1	A
Aroclor 1242	ND		ug/kg	51.1	6.89	1	A
Aroclor 1248	ND		ug/kg	51.1	7.67	1	A
Aroclor 1254	ND		ug/kg	51.1	5.59	1	A
Aroclor 1260	26.9	J	ug/kg	51.1	9.45	1	A
Aroclor 1262	ND		ug/kg	51.1	6.49	1	A
Aroclor 1268	8.75	J	ug/kg	51.1	5.30	1	A
PCBs, Total	35.7	J	ug/kg	51.1	4.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/07/25 16:14
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 19:34
Cleanup Method: EPA 3665A
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.8	4.60	1	A
Aroclor 1221	ND		ug/kg	51.8	5.19	1	A
Aroclor 1232	ND		ug/kg	51.8	11.0	1	A
Aroclor 1242	ND		ug/kg	51.8	6.99	1	A
Aroclor 1248	ND		ug/kg	51.8	7.78	1	A
Aroclor 1254	ND		ug/kg	51.8	5.67	1	A
Aroclor 1260	ND		ug/kg	51.8	9.58	1	A
Aroclor 1262	ND		ug/kg	51.8	6.58	1	A
Aroclor 1268	ND		ug/kg	51.8	5.37	1	A
PCBs, Total	ND		ug/kg	51.8	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/06/25 22:57
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 19:34
Cleanup Method: EPA 3665A
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.8	4.51	1	A
Aroclor 1221	ND		ug/kg	50.8	5.09	1	A
Aroclor 1232	ND		ug/kg	50.8	10.8	1	A
Aroclor 1242	ND		ug/kg	50.8	6.85	1	A
Aroclor 1248	ND		ug/kg	50.8	7.62	1	A
Aroclor 1254	12.4	J	ug/kg	50.8	5.56	1	A
Aroclor 1260	21.3	J	ug/kg	50.8	9.39	1	A
Aroclor 1262	ND		ug/kg	50.8	6.45	1	A
Aroclor 1268	ND		ug/kg	50.8	5.26	1	A
PCBs, Total	33.7	J	ug/kg	50.8	4.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/06/25 23:05
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 19:34
Cleanup Method: EPA 3665A
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.71	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.2	1	A
Aroclor 1242	ND		ug/kg	53.1	7.15	1	A
Aroclor 1248	ND		ug/kg	53.1	7.96	1	A
Aroclor 1254	ND		ug/kg	53.1	5.81	1	A
Aroclor 1260	49.7	J	ug/kg	53.1	9.81	1	A
Aroclor 1262	ND		ug/kg	53.1	6.74	1	A
Aroclor 1268	13.6	J	ug/kg	53.1	5.50	1	A
PCBs, Total	63.3	J	ug/kg	53.1	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/07/25 16:22
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 19:34
Cleanup Method: EPA 3665A
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

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	5.47	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.36	1	A
Aroclor 1248	ND		ug/kg	54.6	8.19	1	A
Aroclor 1254	13.2	J	ug/kg	54.6	5.97	1	B
Aroclor 1260	11.7	J	ug/kg	54.6	10.1	1	B
Aroclor 1262	ND		ug/kg	54.6	6.93	1	A
Aroclor 1268	ND		ug/kg	54.6	5.65	1	B
PCBs, Total	24.9	J	ug/kg	54.6	4.85	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/06/25 23:12
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 19:34
Cleanup Method: EPA 3665A
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.5	4.75	1	A
Aroclor 1221	ND		ug/kg	53.5	5.36	1	A
Aroclor 1232	ND		ug/kg	53.5	11.3	1	A
Aroclor 1242	ND		ug/kg	53.5	7.21	1	A
Aroclor 1248	ND		ug/kg	53.5	8.03	1	A
Aroclor 1254	ND		ug/kg	53.5	5.85	1	A
Aroclor 1260	ND		ug/kg	53.5	9.89	1	A
Aroclor 1262	ND		ug/kg	53.5	6.80	1	A
Aroclor 1268	ND		ug/kg	53.5	5.54	1	A
PCBs, Total	ND		ug/kg	53.5	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/07/25 16:29
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 19:34
Cleanup Method: EPA 3665A
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.2	4.90	1	A
Aroclor 1221	ND		ug/kg	55.2	5.53	1	A
Aroclor 1232	ND		ug/kg	55.2	11.7	1	A
Aroclor 1242	ND		ug/kg	55.2	7.44	1	A
Aroclor 1248	ND		ug/kg	55.2	8.28	1	A
Aroclor 1254	13.3	J	ug/kg	55.2	6.04	1	A
Aroclor 1260	10.6	J	ug/kg	55.2	10.2	1	A
Aroclor 1262	ND		ug/kg	55.2	7.01	1	A
Aroclor 1268	ND		ug/kg	55.2	5.72	1	B
PCBs, Total	23.9	J	ug/kg	55.2	4.90	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/07/25 10:53
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:45
Cleanup Method: EPA 3665A
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

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	92		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/07/25 11:02
Analyst: MHG

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:45
Cleanup Method: EPA 3665A
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

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	94		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/05/25 21:44
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 02/05/25 13:57
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02-09 Batch: WG2027117-1						
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	70		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/07/25 10:10
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:45
Cleanup Method: EPA 3665A
Cleanup Date: 02/07/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 10-11 Batch: WG2027612-1						
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 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
Aroclor 1260	0.026	J	ug/l	0.071	0.015	B
PCBs, Total	0.026	J	ug/l	0.071	0.013	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02-09 Batch: WG2027117-2 WG2027117-3									
Aroclor 1016	65		68		40-140	5		50	A
Aroclor 1260	58		61		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		71		30-150	A
Decachlorobiphenyl	60		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		75		30-150	B
Decachlorobiphenyl	64		65		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 10-11 Batch: WG2027612-2 WG2027612-3									
Aroclor 1016	68		67		40-140	1		50	A
Aroclor 1260	72		68		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		72		30-150	A
Decachlorobiphenyl	69		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		69		30-150	B
Decachlorobiphenyl	66		63		30-150	B

PESTICIDES

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 08:06
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	B
Lindane	ND		ug/kg	0.688	0.308	1	B
Alpha-BHC	ND		ug/kg	0.688	0.195	1	B
Beta-BHC	ND		ug/kg	1.65	0.626	1	B
Heptachlor	ND		ug/kg	0.826	0.370	1	B
Aldrin	ND		ug/kg	1.65	0.581	1	B
Heptachlor epoxide	ND		ug/kg	3.10	0.929	1	B
Endrin	ND		ug/kg	0.688	0.282	1	B
Endrin aldehyde	ND		ug/kg	2.06	0.722	1	B
Endrin ketone	ND		ug/kg	1.65	0.425	1	B
Dieldrin	ND		ug/kg	1.03	0.516	1	B
4,4'-DDE	4.53	P	ug/kg	1.65	0.382	1	B
4,4'-DDD	11.6	P	ug/kg	1.65	0.589	1	B
4,4'-DDT	ND		ug/kg	1.65	1.33	1	B
Endosulfan I	ND		ug/kg	1.65	0.390	1	B
Endosulfan II	ND		ug/kg	1.65	0.552	1	B
Endosulfan sulfate	ND		ug/kg	0.688	0.328	1	B
Methoxychlor	ND		ug/kg	3.10	0.963	1	B
Toxaphene	ND		ug/kg	31.0	8.67	1	B
cis-Chlordane	5.28	P	ug/kg	2.06	0.575	1	B
trans-Chlordane	ND		ug/kg	2.06	0.545	1	B
Chlordane	ND		ug/kg	13.8	5.47	1	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:00
Date Received: 02/04/25
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	**3**	Q	30-150	A
Decachlorobiphenyl	**3**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 08:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/06/25 23:11
Analyst: JAG/D
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.821	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.924	1	A
Endrin	ND		ug/kg	0.684	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.719	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.513	1	A
4,4'-DDE	4.02		ug/kg	1.64	0.380	1	A
4,4'-DDD	0.652	J	ug/kg	1.64	0.586	1	B
4,4'-DDT	6.21		ug/kg	1.64	1.32	1	B
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.958	1	A
Toxaphene	ND		ug/kg	30.8	8.62	1	A
cis-Chlordane	1.94	JIP	ug/kg	2.05	0.572	1	B
trans-Chlordane	2.68	IP	ug/kg	2.05	0.542	1	B
Chlordane	ND		ug/kg	13.7	5.44	1	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 08:45
Date Received: 02/04/25
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	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/06/25 23:23
Analyst: JAG/D
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

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	0.712	0.318	1	A
Alpha-BHC	ND		ug/kg	0.712	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.855	0.383	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	0.712	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	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.395	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	0.571	1	A
Endosulfan sulfate	ND		ug/kg	0.712	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.997	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	5.66	1	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/06/25 23:36
Analyst: JAG/D
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

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	0.324	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.871	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.980	1	A
Endrin	ND		ug/kg	0.726	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	1.53		ug/kg	1.09	0.544	1	B
4,4'-DDE	0.521	J	ug/kg	1.74	0.403	1	B
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND	IP	ug/kg	2.18	0.607	1	B
trans-Chlordane	0.966	JIP	ug/kg	2.18	0.575	1	B
Chlordane	ND		ug/kg	14.5	5.77	1	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY
Date Collected: 02/04/25 09:30
Date Received: 02/04/25
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	84		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/06/25 23:48
Analyst: JAG/D
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.845	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.951	1	A
Endrin	ND		ug/kg	0.704	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.739	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	5.14		ug/kg	1.06	0.528	1	B
4,4'-DDE	4.28		ug/kg	1.69	0.391	1	A
4,4'-DDD	15.2		ug/kg	1.69	0.603	1	A
4,4'-DDT	3.18		ug/kg	1.69	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	0.831	IP	ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	3.74	IP	ug/kg	2.11	0.589	1	B
trans-Chlordane	10.5		ug/kg	2.11	0.558	1	B
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:30
Date Received: 02/04/25
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	131		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 10:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 00:00
Analyst: JAG/D
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.747	0.334	1	A
Alpha-BHC	ND		ug/kg	0.747	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.680	1	A
Heptachlor	ND		ug/kg	0.897	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.747	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.785	1	A
Endrin ketone	ND		ug/kg	1.79	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	2.69		ug/kg	1.79	0.415	1	B
4,4'-DDD	ND		ug/kg	1.79	0.640	1	A
4,4'-DDT	2.33		ug/kg	1.79	1.44	1	B
Endosulfan I	ND		ug/kg	1.79	0.424	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.747	0.356	1	A
Methoxychlor	ND		ug/kg	3.36	1.05	1	A
Toxaphene	ND		ug/kg	33.6	9.42	1	A
cis-Chlordane	1.19	J	ug/kg	2.24	0.625	1	A
trans-Chlordane	1.34	JIP	ug/kg	2.24	0.592	1	B
Chlordane	ND		ug/kg	14.9	5.94	1	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:45
Date Received: 02/04/25
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	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 00:13
Analyst: JAG/D
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

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	0.689	0.308	1	A
Alpha-BHC	ND		ug/kg	0.689	0.196	1	A
Beta-BHC	ND		ug/kg	1.65	0.627	1	A
Heptachlor	ND		ug/kg	0.827	0.371	1	A
Aldrin	ND		ug/kg	1.65	0.582	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.930	1	A
Endrin	ND		ug/kg	0.689	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.724	1	A
Endrin ketone	ND		ug/kg	1.65	0.426	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.590	1	A
4,4'-DDT	ND		ug/kg	1.65	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.391	1	A
Endosulfan II	ND		ug/kg	1.65	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.689	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.965	1	A
Toxaphene	ND		ug/kg	31.0	8.68	1	A
cis-Chlordane	1.85	J	ug/kg	2.07	0.576	1	A
trans-Chlordane	1.77	JIP	ug/kg	2.07	0.546	1	B
Chlordane	ND		ug/kg	13.8	5.48	1	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY
Date Collected: 02/04/25 09:00
Date Received: 02/04/25
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	137		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY

Date Collected: 02/04/25 11:30
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/07/25 00:25
Analyst: JAG/D
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.757	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	ND		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	1.60	J	ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	A
trans-Chlordane	1.71	J	ug/kg	2.27	0.600	1	B
Chlordane	ND		ug/kg	15.1	6.02	1	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:30
Date Received: 02/04/25
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	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/07/25 08:50
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:41

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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY
Date Collected: 02/04/25 13:00
Date Received: 02/04/25
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	B
Decachlorobiphenyl	50		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	59		30-150	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/07/25 09:02
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:41

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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY
Date Collected: 02/04/25 13:45
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	78		30-150	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/06/25 16:20
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-09 Batch: WG2027183-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.657	0.294	A
Alpha-BHC	ND		ug/kg	0.657	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.789	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.888	A
Endrin	ND		ug/kg	0.657	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.690	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.986	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.563	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.527	A
Endosulfan sulfate	ND		ug/kg	0.657	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.920	A
Toxaphene	ND		ug/kg	29.6	8.28	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	13.1	5.23	A

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/06/25 16:20
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/05/25 17:38
Cleanup Method: EPA 3620B
Cleanup Date: 02/06/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/06/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-09 Batch: WG2027183-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 08:05
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 10-11 Batch: WG2027611-1						
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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/07/25 08:05
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 02/06/25 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 10-11 Batch: WG2027611-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	84		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-09 Batch: WG2027183-2 WG2027183-3									
Delta-BHC	84		89		30-150	6		30	A
Lindane	86		89		30-150	3		30	A
Alpha-BHC	90		92		30-150	2		30	A
Beta-BHC	80		82		30-150	2		30	A
Heptachlor	87		91		30-150	4		30	A
Aldrin	84		88		30-150	5		30	A
Heptachlor epoxide	74		76		30-150	3		30	A
Endrin	92		97		30-150	5		30	A
Endrin aldehyde	68		70		30-150	3		30	A
Endrin ketone	89		94		30-150	5		30	A
Dieldrin	86		91		30-150	6		30	A
4,4'-DDE	82		86		30-150	5		30	A
4,4'-DDD	92		97		30-150	5		30	A
4,4'-DDT	99		104		30-150	5		30	A
Endosulfan I	81		87		30-150	7		30	A
Endosulfan II	85		91		30-150	7		30	A
Endosulfan sulfate	81		89		30-150	9		30	A
Methoxychlor	81		85		30-150	5		30	A
cis-Chlordane	76		81		30-150	6		30	A
trans-Chlordane	87		91		30-150	4		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-09 Batch: WG2027183-2 WG2027183-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	A
Decachlorobiphenyl	79		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	B
Decachlorobiphenyl	72		71		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 10-11 Batch: WG2027611-2 WG2027611-3									
Delta-BHC	69		70		30-150	1		20	A
Lindane	91		91		30-150	1		20	A
Alpha-BHC	93		95		30-150	2		20	A
Beta-BHC	84		85		30-150	1		20	A
Heptachlor	74		76		30-150	3		20	A
Aldrin	66		69		30-150	4		20	A
Heptachlor epoxide	86		87		30-150	1		20	A
Endrin	93		94		30-150	1		20	A
Endrin aldehyde	77		77		30-150	0		20	A
Endrin ketone	95		97		30-150	3		20	A
Dieldrin	87		88		30-150	1		20	A
4,4'-DDE	81		81		30-150	0		20	A
4,4'-DDD	94		96		30-150	2		20	A
4,4'-DDT	105		107		30-150	2		20	A
Endosulfan I	85		84		30-150	2		20	A
Endosulfan II	87		87		30-150	0		20	A
Endosulfan sulfate	82		82		30-150	0		20	A
Methoxychlor	88		91		30-150	3		20	A
cis-Chlordane	75		75		30-150	0		20	A
trans-Chlordane	81		80		30-150	1		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 10-11 Batch: WG2027611-2 WG2027611-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		77		30-150	B
Decachlorobiphenyl	78		84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		80		30-150	A
Decachlorobiphenyl	98		100		30-150	A

METALS

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY
Sample Depth:
Matrix: Soil
Percent Solids: 91%

Date Collected: 02/04/25 10:00
Date Received: 02/04/25
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	4910		mg/kg	8.30	2.70	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.15	3.20	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.36		mg/kg	0.830	0.358	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Barium, Total	81.8		mg/kg	0.830	0.088	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.145	J	mg/kg	0.415	0.046	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.198	J	mg/kg	0.830	0.046	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Calcium, Total	12300		mg/kg	8.30	4.71	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Chromium, Total	15.0		mg/kg	0.830	0.704	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.95		mg/kg	1.66	0.206	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Copper, Total	26.7		mg/kg	0.830	0.188	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Iron, Total	8550		mg/kg	4.15	0.871	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Lead, Total	65.2		mg/kg	4.15	0.198	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Magnesium, Total	3430		mg/kg	8.30	1.35	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Manganese, Total	156		mg/kg	0.830	0.445	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Mercury, Total	0.091		mg/kg	0.084	0.054	1	02/07/25 14:25	02/10/25 19:02	EPA 7471B	1,7471B	JWN
Nickel, Total	11.3		mg/kg	2.07	0.671	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Potassium, Total	1210		mg/kg	207	42.1	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.66	0.273	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.415	0.247	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Sodium, Total	135	J	mg/kg	166	88.0	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.66	0.749	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.4		mg/kg	0.830	0.125	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF
Zinc, Total	76.5		mg/kg	4.15	0.503	2	02/07/25 13:38	02/10/25 15:36	EPA 3050B	1,6010D	JMF

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 08:45
Date Received: 02/04/25
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	8430		mg/kg	8.30	2.70	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.15	3.19	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.88		mg/kg	0.830	0.358	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Barium, Total	88.7		mg/kg	0.830	0.088	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.199	J	mg/kg	0.415	0.046	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.06		mg/kg	0.830	0.046	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Calcium, Total	23000		mg/kg	8.30	4.70	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Chromium, Total	26.9		mg/kg	0.830	0.704	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.41		mg/kg	1.66	0.206	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Copper, Total	43.8		mg/kg	0.830	0.188	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Iron, Total	14000		mg/kg	4.15	0.871	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Lead, Total	127		mg/kg	4.15	0.197	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Magnesium, Total	4780		mg/kg	8.30	1.35	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Manganese, Total	216		mg/kg	0.830	0.445	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Mercury, Total	0.186		mg/kg	0.072	0.047	1	02/07/25 14:25	02/10/25 19:05	EPA 7471B	1,7471B	JWN
Nickel, Total	11.8		mg/kg	2.07	0.670	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Potassium, Total	2860		mg/kg	207	42.1	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.66	0.273	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.415	0.247	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Sodium, Total	421		mg/kg	166	88.0	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Thallium, Total	1.11	J	mg/kg	1.66	0.748	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Vanadium, Total	40.8		mg/kg	0.830	0.125	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF
Zinc, Total	186		mg/kg	4.15	0.503	2	02/07/25 13:38	02/10/25 15:39	EPA 3050B	1,6010D	JMF

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 11:00
Date Received: 02/04/25
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	7430		mg/kg	8.68	2.82	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.34	3.34	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.67		mg/kg	0.868	0.375	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Barium, Total	71.0		mg/kg	0.868	0.092	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.426	J	mg/kg	0.434	0.048	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.320	J	mg/kg	0.868	0.048	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Calcium, Total	2320		mg/kg	8.68	4.92	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Chromium, Total	26.6		mg/kg	0.868	0.736	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.74		mg/kg	1.74	0.215	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Copper, Total	13.9		mg/kg	0.868	0.197	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Iron, Total	11500		mg/kg	4.34	0.911	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Lead, Total	25.9		mg/kg	4.34	0.206	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Magnesium, Total	2330		mg/kg	8.68	1.41	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Manganese, Total	144		mg/kg	0.868	0.465	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Mercury, Total	0.080	J	mg/kg	0.089	0.058	1	02/07/25 14:25	02/10/25 19:08	EPA 7471B	1,7471B	JWN
Nickel, Total	16.1		mg/kg	2.17	0.701	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Potassium, Total	588		mg/kg	217	44.0	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.74	0.286	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.434	0.259	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	174	92.0	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.74	0.783	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Vanadium, Total	21.6		mg/kg	0.868	0.131	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF
Zinc, Total	71.9		mg/kg	4.34	0.526	2	02/07/25 13:38	02/10/25 16:05	EPA 3050B	1,6010D	JMF

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY
Date Collected: 02/04/25 09:30
Date Received: 02/04/25
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	6760		mg/kg	8.62	2.80	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.31	3.32	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.78		mg/kg	0.862	0.372	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Barium, Total	87.9		mg/kg	0.862	0.091	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.190	J	mg/kg	0.431	0.047	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.391	J	mg/kg	0.862	0.047	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Calcium, Total	7910		mg/kg	8.62	4.89	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Chromium, Total	21.5		mg/kg	0.862	0.731	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.80		mg/kg	1.72	0.214	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Copper, Total	35.4		mg/kg	0.862	0.196	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Iron, Total	13500		mg/kg	4.31	0.905	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Lead, Total	91.9		mg/kg	4.31	0.205	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Magnesium, Total	6070		mg/kg	8.62	1.40	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Manganese, Total	187		mg/kg	0.862	0.462	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Mercury, Total	0.119		mg/kg	0.079	0.051	1	02/07/25 14:25	02/10/25 19:12	EPA 7471B	1,7471B	JWN
Nickel, Total	16.8		mg/kg	2.16	0.697	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Potassium, Total	1560		mg/kg	216	43.7	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.72	0.284	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.431	0.257	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	172	91.4	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.72	0.778	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.4		mg/kg	0.862	0.130	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF
Zinc, Total	94.5		mg/kg	4.31	0.522	2	02/07/25 13:38	02/10/25 16:08	EPA 3050B	1,6010D	JMF

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:30
Date Received: 02/04/25
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	8080		mg/kg	8.40	2.73	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.20	3.24	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.40		mg/kg	0.840	0.363	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Barium, Total	166		mg/kg	0.840	0.089	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.200	J	mg/kg	0.420	0.046	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.807	J	mg/kg	0.840	0.046	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Calcium, Total	11400		mg/kg	8.40	4.76	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Chromium, Total	26.4		mg/kg	0.840	0.712	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.11		mg/kg	1.68	0.208	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Copper, Total	46.5		mg/kg	0.840	0.191	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Iron, Total	15500		mg/kg	4.20	0.882	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Lead, Total	200		mg/kg	4.20	0.200	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Magnesium, Total	5890		mg/kg	8.40	1.37	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Manganese, Total	236		mg/kg	0.840	0.450	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Mercury, Total	0.219		mg/kg	0.078	0.051	1	02/07/25 14:25	02/10/25 19:21	EPA 7471B	1,7471B	JWN
Nickel, Total	19.6		mg/kg	2.10	0.679	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Potassium, Total	2220		mg/kg	210	42.6	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.68	0.276	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.420	0.250	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Sodium, Total	291		mg/kg	168	89.1	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Thallium, Total	0.818	J	mg/kg	1.68	0.758	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Vanadium, Total	31.6		mg/kg	0.840	0.127	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF
Zinc, Total	221		mg/kg	4.20	0.509	2	02/07/25 13:38	02/10/25 16:12	EPA 3050B	1,6010D	JMF

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY
Date Collected: 02/04/25 10:45
Date Received: 02/04/25
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	12900		mg/kg	9.02	2.93	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.51	3.47	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.00		mg/kg	0.902	0.390	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Barium, Total	105		mg/kg	0.902	0.096	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.933		mg/kg	0.451	0.050	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.315	J	mg/kg	0.902	0.050	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Calcium, Total	6400		mg/kg	9.02	5.12	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Chromium, Total	40.6		mg/kg	0.902	0.765	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Cobalt, Total	12.7		mg/kg	1.80	0.224	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Copper, Total	104		mg/kg	0.902	0.205	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Iron, Total	20700		mg/kg	4.51	0.948	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Lead, Total	136		mg/kg	4.51	0.215	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Magnesium, Total	6060		mg/kg	9.02	1.47	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Manganese, Total	310		mg/kg	0.902	0.484	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Mercury, Total	0.116		mg/kg	0.091	0.059	1	02/07/25 14:25	02/10/25 19:25	EPA 7471B	1,7471B	JWN
Nickel, Total	35.8		mg/kg	2.26	0.729	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Potassium, Total	2240		mg/kg	226	45.8	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.80	0.297	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.451	0.269	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Sodium, Total	116	J	mg/kg	180	95.7	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Thallium, Total	1.02	J	mg/kg	1.80	0.814	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Vanadium, Total	41.5		mg/kg	0.902	0.136	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF
Zinc, Total	667		mg/kg	4.51	0.547	2	02/07/25 13:38	02/10/25 16:15	EPA 3050B	1,6010D	JMF

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY
Date Collected: 02/04/25 09:00
Date Received: 02/04/25
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	4180		mg/kg	8.68	2.82	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.34	3.34	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.19		mg/kg	0.868	0.375	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Barium, Total	66.8		mg/kg	0.868	0.092	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.305	J	mg/kg	0.434	0.048	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.198	J	mg/kg	0.868	0.048	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Calcium, Total	46000		mg/kg	8.68	4.92	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Chromium, Total	17.3		mg/kg	0.868	0.736	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.17		mg/kg	1.74	0.215	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Copper, Total	154		mg/kg	0.868	0.197	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Iron, Total	15800		mg/kg	4.34	0.911	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Lead, Total	193		mg/kg	4.34	0.206	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Magnesium, Total	13200		mg/kg	8.68	1.41	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Manganese, Total	189		mg/kg	0.868	0.465	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Mercury, Total	0.608		mg/kg	0.080	0.052	1	02/07/25 14:25	02/10/25 19:28	EPA 7471B	1,7471B	JWN
Nickel, Total	11.8		mg/kg	2.17	0.701	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Potassium, Total	1210		mg/kg	217	44.0	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Selenium, Total	0.354	J	mg/kg	1.74	0.285	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.434	0.258	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Sodium, Total	106	J	mg/kg	174	92.0	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.74	0.782	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Vanadium, Total	16.2		mg/kg	0.868	0.131	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF
Zinc, Total	109		mg/kg	4.34	0.526	2	02/07/25 13:38	02/10/25 16:18	EPA 3050B	1,6010D	JMF

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY
Sample Depth:
Matrix: Soil
Percent Solids: 87%

Date Collected: 02/04/25 11:30
Date Received: 02/04/25
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	8470		mg/kg	9.10	2.96	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.55	3.50	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.48		mg/kg	0.910	0.393	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Barium, Total	273		mg/kg	0.910	0.097	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.279	J	mg/kg	0.455	0.050	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.287	J	mg/kg	0.910	0.050	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Calcium, Total	7670		mg/kg	9.10	5.16	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Chromium, Total	23.7		mg/kg	0.910	0.772	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.52		mg/kg	1.82	0.226	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Copper, Total	27.7		mg/kg	0.910	0.207	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Iron, Total	16500		mg/kg	4.55	0.956	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Lead, Total	420		mg/kg	4.55	0.217	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Magnesium, Total	5960		mg/kg	9.10	1.48	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Manganese, Total	562		mg/kg	0.910	0.488	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Mercury, Total	0.157		mg/kg	0.080	0.052	1	02/07/25 14:25	02/10/25 19:31	EPA 7471B	1,7471B	JWN
Nickel, Total	18.6		mg/kg	2.28	0.736	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Potassium, Total	2040		mg/kg	228	46.2	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.82	0.299	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.455	0.271	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	182	96.5	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.82	0.821	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.5		mg/kg	0.910	0.137	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF
Zinc, Total	74.9		mg/kg	4.55	0.552	2	02/07/25 13:38	02/10/25 16:22	EPA 3050B	1,6010D	JMF

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 02/04/25 13:00
Date Received: 02/04/25
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	28.8		mg/l	0.0100	0.00327	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00065		mg/l	0.00050	0.00016	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Barium, Total	0.8852		mg/l	0.00050	0.00017	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Beryllium, Total	0.00524		mg/l	0.00050	0.00010	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Cadmium, Total	0.00042		mg/l	0.00020	0.00005	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Calcium, Total	104.		mg/l	0.200	0.0394	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Chromium, Total	0.08219		mg/l	0.00100	0.00017	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.03852		mg/l	0.00050	0.00016	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Copper, Total	0.05019		mg/l	0.00100	0.00038	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Iron, Total	62.6		mg/l	0.0500	0.0191	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Lead, Total	0.01148		mg/l	0.00100	0.00034	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Magnesium, Total	59.2		mg/l	0.0700	0.0242	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Manganese, Total	8.877		mg/l	0.00100	0.00044	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/06/25 22:51	02/10/25 13:34	EPA 7470A	1,7470A	JWN
Nickel, Total	0.1091		mg/l	0.00200	0.00055	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Potassium, Total	24.8		mg/l	0.100	0.0309	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Selenium, Total	0.0454		mg/l	0.00500	0.00173	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Silver, Total	0.00031	J	mg/l	0.00040	0.00016	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Sodium, Total	35.5		mg/l	0.500	0.0293	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Thallium, Total	0.00064	J	mg/l	0.00100	0.00014	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.08469		mg/l	0.00500	0.00157	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC
Zinc, Total	0.2034		mg/l	0.01000	0.00341	1	02/06/25 22:39	02/07/25 16:30	EPA 3005A	1,6020B	MRC

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
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	1.55		mg/l	0.0100	0.00327	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00056		mg/l	0.00050	0.00016	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Barium, Total	0.08526		mg/l	0.00050	0.00017	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Calcium, Total	62.1		mg/l	0.200	0.0394	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00564		mg/l	0.00100	0.00017	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00359		mg/l	0.00050	0.00016	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Copper, Total	0.00577		mg/l	0.00100	0.00038	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Iron, Total	2.77		mg/l	0.0500	0.0191	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Lead, Total	0.00509		mg/l	0.00100	0.00034	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Magnesium, Total	14.0		mg/l	0.0700	0.0242	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Manganese, Total	0.4255		mg/l	0.00100	0.00044	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/06/25 22:51	02/10/25 13:38	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00719		mg/l	0.00200	0.00055	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Potassium, Total	6.26		mg/l	0.100	0.0309	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Selenium, Total	0.00309	J	mg/l	0.00500	0.00173	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Sodium, Total	16.3		mg/l	0.500	0.0293	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.00533		mg/l	0.00500	0.00157	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC
Zinc, Total	0.00889	J	mg/l	0.01000	0.00341	1	02/06/25 22:39	02/07/25 16:07	EPA 3005A	1,6020B	MRC

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

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): 10-11 Batch: WG2027346-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Calcium, Total	0.118	J	mg/l	0.200	0.0394	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Sodium, Total	ND		mg/l	0.500	0.0293	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/06/25 22:39	02/07/25 14:50	1,6020B	MRC
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/06/25 22:39	02/07/25 14:50	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): 10-11 Batch: WG2027432-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/06/25 22:51	02/10/25 13:11	1,7470A	JWN

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

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): 02-09 Batch: WG2027908-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Iron, Total	0.904	J	mg/kg	2.00	0.420	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.060	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/07/25 13:38	02/10/25 14:23	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

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): 02-09 Batch: WG2027912-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/07/25 14:25	02/10/25 18:02	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG2027346-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Barium, Total	97		-		80-120	-		
Beryllium, Total	96		-		80-120	-		
Cadmium, Total	95		-		80-120	-		
Calcium, Total	103		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	107		-		80-120	-		
Iron, Total	110		-		80-120	-		
Lead, Total	91		-		80-120	-		
Magnesium, Total	99		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	105		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	82		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG2027346-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG2027432-2					
Mercury, Total	112	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-09 Batch: WG2027908-2					
Aluminum, Total	94	-	80-120	-	
Antimony, Total	98	-	80-120	-	
Arsenic, Total	95	-	80-120	-	
Barium, Total	94	-	80-120	-	
Beryllium, Total	99	-	80-120	-	
Cadmium, Total	95	-	80-120	-	
Calcium, Total	98	-	80-120	-	
Chromium, Total	95	-	80-120	-	
Cobalt, Total	97	-	80-120	-	
Copper, Total	98	-	80-120	-	
Iron, Total	101	-	80-120	-	
Lead, Total	95	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	97	-	80-120	-	
Potassium, Total	99	-	80-120	-	
Selenium, Total	96	-	80-120	-	
Silver, Total	98	-	80-120	-	
Sodium, Total	97	-	80-120	-	
Thallium, Total	96	-	80-120	-	
Vanadium, Total	97	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-09 Batch: WG2027908-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02-09 Batch: WG2027912-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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): 10-11 QC Batch ID: WG2027346-3 QC Sample: L2505850-01 Client ID: MS Sample												
Aluminum, Total	1.73	2	4.13	120		-	-		75-125	-		20
Antimony, Total	0.0013J	0.5	0.4522	90		-	-		75-125	-		20
Arsenic, Total	0.04474	0.12	0.1642	100		-	-		75-125	-		20
Barium, Total	0.6090	2	2.494	94		-	-		75-125	-		20
Beryllium, Total	0.0002J	0.05	0.05134	103		-	-		75-125	-		20
Cadmium, Total	0.0001J	0.053	0.05178	98		-	-		75-125	-		20
Calcium, Total	245.	10	273	**280**	Q	-	-		75-125	-		20
Chromium, Total	0.0042	0.2	0.1969	96		-	-		75-125	-		20
Cobalt, Total	0.0042	0.5	0.5163	102		-	-		75-125	-		20
Copper, Total	0.0057	0.25	0.2680	105		-	-		75-125	-		20
Iron, Total	43.0	1	44.8	**180**	Q	-	-		75-125	-		20
Lead, Total	0.01573	0.53	0.5132	94		-	-		75-125	-		20
Magnesium, Total	74.8	10	80.9	**61**	Q	-	-		75-125	-		20
Manganese, Total	4.636	0.5	5.269	**127**	Q	-	-		75-125	-		20
Nickel, Total	0.0101	0.5	0.5305	104		-	-		75-125	-		20
Potassium, Total	4.60	10	15.7	111		-	-		75-125	-		20
Selenium, Total	0.004J	0.12	0.111	92		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04958	99		-	-		75-125	-		20
Sodium, Total	15.0	10	23.4	84		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1020	85		-	-		75-125	-		20
Vanadium, Total	0.0104	0.5	0.5048	99		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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): 10-11 QC Batch ID: WG2027346-3 QC Sample: L2505850-01 Client ID: MS Sample									
Zinc, Total	0.0157	0.5	0.5167	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG2027432-3 QC Sample: L2506127-01 Client ID: MS Sample									
Mercury, Total	0.00120	0.005	0.00630	102	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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): 02-09 QC Batch ID: WG2027908-3 QC Sample: L2505953-01 Client ID: MS Sample										
Aluminum, Total	12200	182	11100	**0**	Q	-	-	75-125	-	20
Antimony, Total	ND	45.5	17.2	**38**	Q	-	-	75-125	-	20
Arsenic, Total	1.42	10.9	10.0	78		-	-	75-125	-	20
Barium, Total	120	182	262	78		-	-	75-125	-	20
Beryllium, Total	0.343J	4.55	4.53	100		-	-	75-125	-	20
Cadmium, Total	0.138J	4.82	4.35	90		-	-	75-125	-	20
Calcium, Total	2220	910	3420	**132**	Q	-	-	75-125	-	20
Chromium, Total	17.8	18.2	36.0	100		-	-	75-125	-	20
Cobalt, Total	7.40	45.5	47.3	88		-	-	75-125	-	20
Copper, Total	25.8	22.7	42.9	75		-	-	75-125	-	20
Iron, Total	17200	91	16100	**0**	Q	-	-	75-125	-	20
Lead, Total	5.26	48.2	48.5	90		-	-	75-125	-	20
Magnesium, Total	4070	910	5200	124		-	-	75-125	-	20
Manganese, Total	332	45.5	415	**182**	Q	-	-	75-125	-	20
Nickel, Total	16.0	45.5	55.4	87		-	-	75-125	-	20
Potassium, Total	3440	910	3750	**34**	Q	-	-	75-125	-	20
Selenium, Total	ND	10.9	7.95	**73**	Q	-	-	75-125	-	20
Silver, Total	ND	4.55	4.20	92		-	-	75-125	-	20
Sodium, Total	540	910	1200	**72**	Q	-	-	75-125	-	20
Thallium, Total	ND	10.9	10.4	95		-	-	75-125	-	20
Vanadium, Total	26.6	45.5	65.8	86		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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): 02-09 QC Batch ID: WG2027908-3 QC Sample: L2505953-01 Client ID: MS Sample									
Zinc, Total	35.2	45.5	74.7	87	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02-09 QC Batch ID: WG2027912-3 QC Sample: L2505953-01 Client ID: MS Sample									
Mercury, Total	ND	1.74	1.75	101	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 2742 WEBSTER AVE

Project Number: 13581B

Lab Number: L2506138

Report Date: 02/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG2027346-4 QC Sample: L2505850-01 Client ID: DUP Sample						
Arsenic, Total	0.04474	0.04637	mg/l	4		20
Calcium, Total	245.	278	mg/l	13		20
Lead, Total	0.01573	0.01517	mg/l	4		20
Magnesium, Total	74.8	80.7	mg/l	8		20
Manganese, Total	4.636	5.170	mg/l	11		20
Total Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG2027432-4 QC Sample: L2506127-01 Client ID: DUP Sample						
Mercury, Total	0.00120	0.00113	mg/l	6		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-09 QC Batch ID: WG2027908-4 QC Sample: L2505953-01 Client ID: DUP Sample						
Aluminum, Total	12200	11200	mg/kg	9		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.42	1.48	mg/kg	4		20
Barium, Total	120	114	mg/kg	5		20
Beryllium, Total	0.343J	0.305J	mg/kg	NC		20
Cadmium, Total	0.138J	0.129J	mg/kg	NC		20
Calcium, Total	2220	1990	mg/kg	11		20
Chromium, Total	17.8	20.9	mg/kg	16		20
Cobalt, Total	7.40	7.36	mg/kg	1		20
Copper, Total	25.8	21.1	mg/kg	20		20
Iron, Total	17200	16800	mg/kg	2		20
Lead, Total	5.26	4.93	mg/kg	6		20
Magnesium, Total	4070	4120	mg/kg	1		20
Manganese, Total	332	377	mg/kg	13		20
Nickel, Total	16.0	16.8	mg/kg	5		20
Potassium, Total	3440	3260	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	540	405	mg/kg	**29**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 2742 WEBSTER AVE

Project Number: 13581B

Lab Number: L2506138

Report Date: 02/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-09 QC Batch ID: WG2027908-4 QC Sample: L2505953-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	26.6	25.4	mg/kg	5	20
Zinc, Total	35.2	34.9	mg/kg	1	20
Total Metals - Mansfield Lab Associated sample(s): 02-09 QC Batch ID: WG2027912-4 QC Sample: L2505953-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2506138
Report Date: 02/18/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-09 QC Batch ID: WG2027908-6 QC Sample: L2505953-01 Client ID: DUP Sample						
Aluminum, Total	12200	11600	mg/kg	5		20
Barium, Total	120	114	mg/kg	5		20
Calcium, Total	2220	2130	mg/kg	4		20
Copper, Total	25.8	23.5	mg/kg	9		20
Iron, Total	17200	17600	mg/kg	2		20
Magnesium, Total	4070	3910	mg/kg	4		20
Manganese, Total	332	322	mg/kg	3		20
Vanadium, Total	26.6	24.3	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-02
Client ID: SB-2 (9.5-10)
Sample Location: BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 10:00
Date Received: 02/04/25
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	91.0		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/07/25 20:00	02/10/25 14:44	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-03
Client ID: SB-7 (4.5-5)
Sample Location: BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 08:45
Date Received: 02/04/25
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	92.0		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Cyanide, Total	0.42	J	mg/kg	1.0	0.22	1	02/07/25 20:00	02/10/25 14:45	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-04
Client ID: SB-5 (8-8.5)
Sample Location: BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
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	89.8		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/07/25 20:00	02/10/25 14:46	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-05
Client ID: SB-1 (0.5-1)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:30
Date Received: 02/04/25
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	89.9		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/07/25 20:00	02/10/25 14:47	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-06
Client ID: SB-3 (3-3.5)
Sample Location: BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/04/25 10:30
Date Received: 02/04/25
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	90.5		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/08/25 18:00	02/10/25 15:09	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-07
Client ID: SB-4 (1-1.5)
Sample Location: BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/04/25 10:45
Date Received: 02/04/25
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	86.5		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/08/25 18:00	02/10/25 15:12	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-08
Client ID: SB-8 (6.5-7)
Sample Location: BRONX, NY

Date Collected: 02/04/25 09:00
Date Received: 02/04/25
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	90.9		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Cyanide, Total	0.42	J	mg/kg	1.0	0.22	1	02/08/25 18:00	02/10/25 15:17	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-09
Client ID: SB-6 (5-5.5)
Sample Location: BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/04/25 11:30
Date Received: 02/04/25
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	86.5		%	0.100	NA	1	-	02/05/25 10:33	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	02/08/25 18:00	02/10/25 15:18	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-10
Client ID: TW-2
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:00
Date Received: 02/04/25
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	02/10/25 02:35	02/10/25 13:14	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

SAMPLE RESULTS

Lab ID: L2506138-11
Client ID: TW-1
Sample Location: BRONX, NY

Date Collected: 02/04/25 13:45
Date Received: 02/04/25
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	02/10/25 02:35	02/10/25 13:15	1,9010C/9012B	JER

Project Name: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

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): 02-05 Batch: WG2028012-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	02/07/25 20:00	02/10/25 14:22	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06-09 Batch: WG2028193-1										
Cyanide, Total	ND		mg/kg	0.83	0.18	1	02/08/25 18:00	02/10/25 15:05	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 10-11 Batch: WG2028355-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	02/10/25 02:35	02/10/25 13:31	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 02-05		Batch: WG2028012-2		WG2028012-3			
Cyanide, Total	91		93		80-120	2		35
General Chemistry - Westborough Lab	Associated sample(s): 06-09		Batch: WG2028193-2		WG2028193-3			
Cyanide, Total	96		83		80-120	15		35
General Chemistry - Westborough Lab	Associated sample(s): 10-11		Batch: WG2028355-2		WG2028355-3			
Cyanide, Total	90		95		85-115	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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): 02-05 QC Batch ID: WG2028012-4 WG2028012-5 QC Sample: L2505939-05 Client ID: MS Sample												
Cyanide, Total	ND	11	11	97		11	97		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 02-05 QC Batch ID: WG2028012-6 WG2028012-7 QC Sample: L2505939-06 Client ID: MS Sample												
Cyanide, Total	ND	11	11	100		11	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 06-09 QC Batch ID: WG2028193-4 WG2028193-5 QC Sample: L2506138-06 Client ID: SB-3 (3-3.5)												
Cyanide, Total	ND	10	9.2	92		9.6	96		75-125	4		35
General Chemistry - Westborough Lab Associated sample(s): 06-09 QC Batch ID: WG2028193-6 WG2028193-7 QC Sample: L2506138-07 Client ID: SB-4 (1-1.5)												
Cyanide, Total	ND	11	10	91		11	100		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 10-11 QC Batch ID: WG2028355-4 WG2028355-5 QC Sample: L2506811-01 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.200	100		0.200	100		80-120	0		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 2742 WEBSTER AVE

Project Number: 13581B

Lab Number: L2506138

Report Date: 02/18/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-09 QC Batch ID: WG2027003-1 QC Sample: L2506138-02 Client ID: SB-2 (9.5-10)						
Solids, Total	91.0	90.8	%	0		20

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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(*)
L2506138-01A	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2506138-01B	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2506138-02A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-02B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-02C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-02D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-02E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-02F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	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),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2506138-02G	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2506138-02H	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(90)
L2506138-02X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-02Y	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-02Z	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-03A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-03B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-03C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-03D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-03E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506138-03F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	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),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2506138-03G	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2506138-03H	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(90)
L2506138-03X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-03Y	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-03Z	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-04A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-04B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-04C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-04D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-04E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-04F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2506138-04G	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2506138-04H	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(90)
L2506138-04X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-04Y	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-04Z	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-05A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-05B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-05C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506138-05D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-05E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-05F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2506138-05G	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2506138-05H	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(90)
L2506138-05X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-05Y	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-05Z	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-06A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-06B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-06C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-06D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-06E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-06F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	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),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2506138-06G	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2506138-06H	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(90)
L2506138-06X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-06Y	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-06Z	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-07A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506138-07B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-07C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-07D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-07E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-07F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2506138-07G	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2506138-07H	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(90)
L2506138-07X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-07Y	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-07Z	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-08A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-08B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-08C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-08D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-08E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-08F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2506138-08G	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2506138-08H	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(90)
L2506138-08X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-08Y	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506138-08Z	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-09A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-09B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-09C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-09D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-09E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2506138-09F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	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),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-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),NA-TI(180),K-TI(180)
L2506138-09G	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2506138-09H	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633(90)
L2506138-09X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-09Y	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-09Z	Vial Water preserved split	B	NA		3.5	Y	Absent	06-FEB-25 08:14	NYTCL-8260HLW(14)
L2506138-10A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2506138-10B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2506138-10C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2506138-10D	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2506138-10E	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2506138-10F	Plastic 250ml NaOH preserved	A	>12	>12	3.5	Y	Absent		TCN-9010(14)
L2506138-10G	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8081-RVT(7)
L2506138-10H	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8081-RVT(7)
L2506138-10I	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506138-10J	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8081-RVT(7)
L2506138-10K	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2506138-10L	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2506138-10M	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2506138-10N	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2506138-10O	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2506138-11A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2506138-11B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2506138-11C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2506138-11D	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2506138-11E	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2506138-11F	Plastic 250ml NaOH preserved	A	>12	>12	3.5	Y	Absent		TCN-9010(14)
L2506138-11G	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8081-RVT(7)
L2506138-11H	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8081-RVT(7)
L2506138-11I	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8081-RVT(7)
L2506138-11J	Amber 100ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2506138-11K	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2506138-11L	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2506138-11M	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2506138-11N	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2506138-11O	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(28)
L2506138-12A	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2506138-12B	Vial water preserved	A	NA		3.5	Y	Absent	05-FEB-25 10:26	NYTCL-8260HLW(14)
L2506138-12C	Vial water preserved	A	NA		3.5	Y	Absent	05-FEB-25 10:26	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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: 2742 WEBSTER AVE
Project Number: 13581B

Lab Number: L2506138
Report Date: 02/18/25

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:	2742 WEBSTER AVE	**Lab Number:**	L2506138
Project Number:	13581B	**Report Date:**	02/18/25

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:	2742 WEBSTER AVE	**Lab Number:**	L2506138
Project Number:	13581B	**Report Date:**	02/18/25

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:	2742 WEBSTER AVE	**Lab Number:**	L2506138
Project Number:	13581B	**Report Date:**	02/18/25

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: 2742 WEBSTER AVE
Project Number: 13581B
Lab Number: L2506138
Report Date: 02/18/25

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

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: 2/5/25

L2506138 11FEB25
SESI

Client Information

Client: SESI
Address: 959 US 46
Parsippany NJ
Phone: 973 518 8775
Fax:
Email: anthony.raposo@sesi.com

Project Information

Project Name: 2742 Webster ave
Project Location: Bronx NY
Project #: 13581B
(Use Project name as Project #) ☐
Project Manager: Anthony Raposo
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

☐ 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

VOCs

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
06138-01	TB20250204	2/4/25	—	AQ	—	

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

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
Ronnie M Reynoso	2/4/25 1530	FEDEX	2.4.25 18:40
FEDEX	2.4.25 20:10	Anthony Green	FEB 04 2025 2100
Anthony Green	2/5/25 0020		2/5/25 0020
	2/5/25 0252		02105125-0250

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

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

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

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: 2/5/25

ALPHA Job #: L2506138

Client Information

Client: SEST
Address: 95a US 46
Parsippany, NJ 07054
Phone: 973 518 9050
Fax:
Email: Anthony.rapasodbasi.com

Project Information

Project Name: 2742 Webster avenue
Project Location: Bronx, NY
Project #: 13581BB
(Use Project name as Project #)
Project Manager: Anthony Rapasso
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:

Use Date/Time on chain if missing on any 1 Bottle

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 130/TAL	Cyanide	PFAS 1633	1,4 Dioxane	VOCs	Sample Specific Comments	Total Bottles
06138-02	SB-2 (9.5-10)	2/4/25	1000	SOIL	RR	X	X	X	X			5
03	SB-7 (4.5-5)		845			X	X	X	X			
04	SB-5 (8-8.5)		1100			X	X	X	X			
05	SB-1 (0.5-1)		930			X	X	X	X			
06	SB-3 (3-3.5)		1030			X	X	X	X			
07	SB-4 (1-1.5)		1045			X	X	X	X			
08	SB-8 (6.5-7)		900			X	X	X	X			
09	SB-6 5-5.5		1130			X	X	X	X			5
10	TW-2		1345	GW		X	X	X	X			15
11	TW-1		1300	GW		X	X	X	X			1

Container Type
Preservative

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
Ronnie Rapasso	2/4/25 @1530	FEDEX	02.04.25 18:40
FEDEX 02.04.25	20:10	Anthony Green	FEB 04 2025 2100
Anthony Green	2/5/25 0020		2/5/25 0020
	2/5/25 0250		02/05/25 0250

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)