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Phase II Environmental Site Assessment Report

For

Proposed Affordable Housing Mixed-Use Development

2752 – 2768 Webster Avenue

Block 3273, Lots 91 and 100

Bronx, Bronx County, NY

Prepared for:

South Bronx Development I 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
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 South Bronx Development I LLC, has completed our Phase II Investigation for the referenced Site located at 2752-2768 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 two (2) lots located at 2752-2768 Webster Avenue in Bronx, Bronx County, New York. 2752-2768 Webster Avenue is an approximately 1.4-acre parcel identified on New York City tax mapping as Block 3273, Lots 91 and 100. A Site Location Map is provided as **Figure 1.1**. A Site Plan is included as **Figure 1.2**.

The Subject Property is improved with one (1) approximately 9.350-square feet (sf) one-to-two-story warehouse and one (1) approximately 2,330-sf two-story former automotive repair garage building. The buildings were constructed in 1906. The subject property is currently vacant and is owned by Bandry, LLC.

The Subject Property was initially developed prior to 1896. Railroad tracks have been present at the Subject Property since at least 1896. Historical Subject Property operations included a sewer pipe yard in 1900, freight house from 1900 to 1950, engine room in 1945, cold storage and substation from at least 1978 to 2007, and automotive repair from at least 1992 to 2010. SESI identified that the most recent operations at the Subject Property included a substation, cold storage facility, alcohol/liquor distributor, restaurants, and automotive repair garages.

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 bordered by a laydown yard followed by Metro-North railroad and Fordham University and Preparatory School to the southeast, an access road to the laydown yard followed by a parking lot to the southwest, and mixed-use commercial and residential buildings to the northeast and northwest beyond Webster Avenue.

1.2 PROPOSED DEVELOPMENT

The proposed Site development is anticipated to consist of the redevelopment of the Site with 100% affordable mixed-use commercial and residential apartment buildings. 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 between 2.0 feet below ground surface (fbgs) to 6.0 fbgs. Groundwater was encountered as shallow as 11 fbgs during SESI's due diligence investigations.

1.4 PREVIOUS INVESTIGATIONS

The following environmental report was prepared for the Subject Property and is summarized in the following sections:

- "Phase I Environmental Site Assessment 2768 Webster Avenue," prepared by Environmental Affiliates, Inc., dated January 2021.

The Phase I ESA prepared by EAI identified the following two (2) Recognized Environmental Conditions (RECs) at the Site:

1. The Subject Property is identified as a substation on the 1978, 1998, 2001, 2002, 2003, 2004, 2005, 2006, and 2007 Sanborn maps. Prior usage as a substation poses the material risk that polychlorinated biphenyl (PCB)-containing equipment was utilized at the Site and may have discharged to the subsurface.
2. The Site housed an auto repair facility from 1993 to 2009. EAI inspected the former auto repair area and observed inactive hydraulic equipment; however, the floor was mostly obstructed with water, cooking grease (leaking from a grease trap utilized by a restaurant tenant of the Site), and debris.

EAI recommended performing a Phase II ESA to determine if the above RECs have impacted subsurface conditions at the Site.

In addition to the report discussed above, SESI performed a due diligence geotechnical investigation in June 2024 which will be provided under separate cover.

2.0 SUBSURFACE INVESTIGATION

SESI completed a Phase II ESA at the Site from June 10th to June 14th, 2024. In total, twenty-eight (28) soil borings were completed to a maximum depth of 27.0 feet below ground surface (fbgs). Two (2) of the soil borings were converted to temporary wellpoints and three (3) of the soil borings were converted to soil vapor probes. The sampling locations are depicted on **Figure 2.1** attached**.** The subsurface investigation is further discussed in the following sections of this report.

The soil borings were advanced with the dual purpose of completing a preliminary geotechnical investigation of the Site. The Geotechnical Investigation Report has been provided under separate cover.

2.1.1 UTILITY CLEARANCE AND GEOPHYSICAL SURVEY

Prior to conducting subsurface drilling for the investigation, SESI's drilling contractor, Coastal Environmental Solutions, Inc., contacted the New York One Call utility mark-out system. In addition, SESI retained a private utility locator to perform a geophysical survey using ground penetrating radar (GPR) and electromagnetic detection equipment to clear proposed sample locations.

2.1.2 SOIL INVESTIGATION

Twenty-eight (28) soil borings were advanced throughout the Site using direct push drilling techniques to a maximum depth of 27.0 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 up to 9.7 parts per million (ppm) were observed within borings B-1 and B-2 advanced in the vicinity of the former engine room, and elevated PID readings up to 68 ppm accompanied by petroleum odors were observed within an oily tar-like substance within borings B-12, B-15, and B-25 advanced in the vicinity of the former substation. Additionally, an unknown odor accompanied by an elevated PID reading (6.3 ppm) was observed within boring B-14 advanced in the vicinity of the former substation. It should be noted that none of the borings were advanced below the former substation; however, it is anticipated that this will occur during formal remedial investigation at the Site.

Historic fill was observed in borings B-1 through B-3, B-6 through B-10, B-12, B-14 through B-16, B-27, and B-30 to a maximum depth of 6.0 fbgs. The historic fill material generally consisted of coarse to fine sand with variable amounts of gravel, silt, and clay. Select borings encountered debris

including asphalt, brick, and/or millings within the historic fill layer. **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 A**. 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
B-1	15.0	9.7	B-1(11-11.5)	6/10/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-2	15.0	7.5	B-2(2.5-3)	6/10/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-3	15.0	0.0	Not Sampled			
B-4	15.0	0.0	B-4(2-2.5)	6/10/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-5	15.0	0.0	Not Sampled			
B-6	15.0	0.0	B-6(4.5-5)	6/10/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-7	15.0	0.0	Not Sampled			
B-8	15.0	0.0	B-8(4-4.5)	6/10/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-9	15.0	0.0	B-9(3.5-4)	6/10/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-10	15.0	0.0	B-10(3.5-4)	6/11/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-11	15.0	0.0	Not Sampled			
B-12	15.0	68.0	B-12(3-3.5)	6/11/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-13	15.0	0.0	Not Sampled			
B-14	15.0	6.3	B-14(6.5-7)	6/12/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS

Boring ID	Boring Depth (fbgs)	Maximum PID Reading (ppm)	Sample ID	Sample Date	Sample Media	Analysis
B-15	5.0	7.3	Not Sampled			
B-16	15.0	0.0	B-16(3.5-4)	6/12/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-19	27.0	0.0	B-19(4-4.5)	6/12/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-20	27.0	0.0	Not Sampled			
B-21	27.0	0.0	Not Sampled			
B-22	15.0	0.0	Not Sampled			
B-23	27.0	0.0	Not Sampled			
B-24	10.0	0.0	Not Sampled			
B-25	10.0	5.0	B-25(3-3.5)	6/14/2024	Soil	TCL+30/TAL, 1,4-dioxane & PFAS
B-26	10.0	0.0	Not Sampled			
B-27	10.0	0.0	Not Sampled			
B-28	10.0	0.0	Not Sampled			
B-29	10.0	0.0	Not Sampled			
B-30	10.0	0.0	Not Sampled			

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, 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, and ISCOs is presented in the attached **Table 2.2**. The laboratory analytical reports are provided in **Appendix B** 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:	B-1 (11-11.5)		B-2 (11.5-12)		B-4 (2-2.5)		B-6 (4.5-5)		B-8 (4-4.5)	
						COLLECTION DATE:	6/10/2024		6/10/2024		6/10/2024		6/10/2024		6/10/2024	
	USCO	RSCO	RRSCO	CSCO	ISCO		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
ORGANOCHLORINE PESTICIDES (mg/kg)																
4,4'-DDE	0.0033	1.8	8.9	62	120		ND		ND		ND		**0.00361**		0.000664	J
4,4'-DDT	0.0033	1.7	7.9	47	94		0.00294		ND		ND		**0.00631**		ND	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (mg/kg)																
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.0088	0.044	0.440	0.440		ND		ND		0.000662		0.00024		**0.00122**	
Perfluorooctanoic Acid (PFOA)	0.00066	0.0066	0.033	0.500	0.600		ND		0.000082	J	**0.00095**		0.000243		0.000297	
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) (mg/kg)																
3-Methylphenol/4-Methylphenol	0.33	34	100	500	1000		ND		ND		ND		ND		ND	
Benzo(a)anthracene	1	1	1	5.6	11		0.72		ND		0.62		0.84		0.37	
Benzo(a)pyrene	1	1	1	1	1.1		0.43		ND		0.5		**1.2**		0.45	
Benzo(b)fluoranthene	1	1	1	5.6	11		0.78		ND		0.59		**1.7**		0.67	
Benzo(k)fluoranthene	0.8	1	3.9	56	110		0.18		ND		0.18		0.42		0.16	
Chrysene	1	1	3.9	56	110		0.77		ND		0.63		0.94		0.41	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1		0.058	J	ND		0.092	J	0.15		0.065	J
Dibenzofuran	7	14	59	350	1000		1.4		ND		0.056	J	0.066	J	0.028	J
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11		0.21		ND		0.38		**0.64**		0.25	
Naphthalene	12	100	100	500	1000		2		ND		0.042	J	0.08	J	0.036	J
TOTAL METALS (mg/kg)																
Arsenic, Total	13	16	16	16	16		2.49		3.85		**16**		9.78		4.18	
Barium, Total	350	350	400	400	10000		64		79.4		86.4		82.8		64.6	
Copper, Total	50	270	270	270	10000		6.92		42.1		**155**		**63.9**		23.4	
Lead, Total	63	400	400	1000	3900		6.83		33.9		**345**		**634**		58	
Mercury, Total	0.18	0.81	0.81	2.8	5.7		0.059	J	**0.424**		**1.22**		**0.261**		0.07	J
Zinc, Total	109	2200	10000	10000	10000		29.4		49.4		**275**		**332**		51.8	
VOLATILE ORGANIC COMPOUNDS (VOCs) (mg/kg)																
1,2,4-Trimethylbenzene	3.6	47	52	190	380		0.21		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	8.4	47	52	190	380		0.12		ND		ND		ND		ND	
Acetone	0.05	100	100	500	1000		ND		ND		ND		0.0056	J	0.0089	J
Methylene chloride	0.05	51	100	500	1000		**0.16**	J	0.0043	J	0.0036	J	ND		ND	
Naphthalene	12	100	100	500	1000		11		ND		ND		ND		ND	
Xylenes, Total	0.26	100	100	500	1000		0.058	J	ND		ND		ND		ND	

						SAMPLE ID:	B-9 (3.5-4)		B-10 (3.5-4)		B-10 (3.5-4)		B-12 (3-3.5)		B-12 (3-3.5)	
						COLLECTION DATE:	6/10/2024		6/11/2024		6/11/2024		6/11/2024		6/11/2024	
	USCO	RSCO	RRSCO	CSCO	ISCO		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
ORGANOCHLORINE PESTICIDES (mg/kg)																
4,4'-DDE	0.0033	1.8	8.9	62	120		0.00114	J	ND		-		ND		-	
4,4'-DDT	0.0033	1.7	7.9	47	94		ND		**0.00792**		-		ND		-	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (mg/kg)																
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.0088	0.044	0.440	0.440		0.000081	J	0.000283		-		0.000685	J	-	
Perfluorooctanoic Acid (PFOA)	0.00066	0.0066	0.033	0.500	0.600		**0.00102**		0.000467		-		ND		-	
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) (mg/kg)																
3-Methylphenol/4-Methylphenol	0.33	34	100	500	1000		ND		0.14	J	-		**0.53**	J	-	
Benzo(a)anthracene	1	1	1	5.6	11		0.11		**8.3**	E	**5.9**		**19**		-	
Benzo(a)pyrene	1	1	1	1	1.1		0.1J		**8.1**	E	**6.5**		**15**		-	
Benzo(b)fluoranthene	1	1	1	5.6	11		0.15		**11**	E	**8.8**		**17**		-	
Benzo(k)fluoranthene	0.8	1	3.9	56	110		0.042	J	**2.6**		-		**6.4**		-	
Chrysene	1	1	3.9	56	110		0.12		**8.6**	E	**5.9**		**17**		-	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1		0.022	J	**1.7**		-		**2.3**		-	
Dibenzofuran	7	14	59	350	1000		ND		0.29		-		6.5		-	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11		0.077	J	**6.7**		-		**8.5**		-	
Naphthalene	12	100	100	500	1000		ND		1.7		-		**27**		-	
TOTAL METALS (mg/kg)																
Arsenic, Total	13	16	16	16	16		4.14		**63.5**		-		**59.3**		-	
Barium, Total	350	350	400	400	10000		51.3		195		-		86.9		-	
Copper, Total	50	270	270	270	10000		12.2		**125**		-		**54.3**		-	
Lead, Total	63	400	400	1000	3900		9.03		**1,050**		-		**168**		-	
Mercury, Total	0.18	0.81	0.81	2.8	5.7		0.048	J	**0.33**		-		0.103		-	
Zinc, Total	109	2200	10000	10000	10000		33.7		**332**		-		76.5		-	
VOLATILE ORGANIC COMPOUNDS (VOCs) (mg/kg)																
1,2,4-Trimethylbenzene	3.6	47	52	190	380		ND		ND		-		**27**		-	
1,3,5-Trimethylbenzene	8.4	47	52	190	380		ND		ND		-		**11**	J	-	
Acetone	0.05	100	100	500	1000		0.015		ND		-		ND		-	
Methylene chloride	0.05	51	100	500	1000		0.003	J	ND		-		ND		-	
Naphthalene	12	100	100	500	1000		ND		ND		-		**2,500**	E	**2,300**	
Xylenes, Total	0.26	100	100	500	1000		ND		0.0036		-		**22**	J	-	

						SAMPLE ID:		B-14 (6.5-7)		B-16 (3.5-4)		B-19 (4-4.5)		B-25 (3-3.5)		B-25 (3-3.5)	
						COLLECTION DATE:		6/12/2024		6/11/2024		6/12/2024		6/14/2024		6/14/2024	
	USCO	RSCO	RRSCO	CSCO	ISCO	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	
ORGANOCHLORINE PESTICIDES (mg/kg)																	
4,4'-DDE	0.0033	1.8	8.9	62	120	0.000935	J	ND		ND		ND		ND		-	
4,4'-DDT	0.0033	1.7	7.9	47	94	0.00274		ND		0.0046		ND		-			
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (mg/kg)																	
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.0088	0.044	0.440	0.440	0.000234		0.00172		0.00037		0.00242		-			
Perfluorooctanoic Acid (PFOA)	0.00066	0.0066	0.033	0.500	0.600	0.000075	J	0.000392		0.000204		ND		-			
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) (mg/kg)																	
3-Methylphenol/4-Methylphenol	0.33	34	100	500	1000	ND		0.078	J	ND		0.047	J	-			
Benzo(a)anthracene	1	1	1	5.6	11	ND		4.4		2.1		19	E	25			
Benzo(a)pyrene	1	1	1	1	1.1	ND		4.3		1.7		12	E	18			
Benzo(b)fluoranthene	1	1	1	5.6	11	ND		6.9		2.2		12	E	19			
Benzo(k)fluoranthene	0.8	1	3.9	56	110	ND		1.4		0.82		3		-			
Chrysene	1	1	3.9	56	110	ND		4.2		1.9		17	E	23			
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	ND		0.7		0.25		1.7		-			
Dibenzofuran	7	14	59	350	1000	ND		0.41		0.083	J	8.5		-			
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	ND		3.3		1		5.6		-			
Naphthalene	12	100	100	500	1000	ND		0.46		0.074	J	11	E	15			
TOTAL METALS (mg/kg)																	
Arsenic, Total	13	16	16	16	16	0.64	J	9.28		5.22		7.12		-			
Barium, Total	350	350	400	400	10000	41.7		249		79.1		387		-			
Copper, Total	50	270	270	270	10000	8.9		118		54.8		69		-			
Lead, Total	63	400	400	1000	3900	61.9		1,640		69.8		365		-			
Mercury, Total	0.18	0.81	0.81	2.8	5.7	ND		0.185		0.261		0.259		-			
Zinc, Total	109	2200	10000	10000	10000	31.8		576		79.1		694		-			
VOLATILE ORGANIC COMPOUNDS (VOCs) (mg/kg)																	
1,2,4-Trimethylbenzene	3.6	47	52	190	380	ND		ND		ND		ND		-			
1,3,5-Trimethylbenzene	8.4	47	52	190	380	ND		ND		ND		ND		-			
Acetone	0.05	100	100	500	1000	ND		ND		0.0053	J	ND		-			
Methylene chloride	0.05	51	100	500	1000	ND		ND		ND		ND		-			
Naphthalene	12	100	100	500	1000	ND		ND		ND		0.022		-			
Xylenes, Total	0.26	100	100	500	1000	ND		0.0038		ND		ND		-			

Notes:
Mg/kg – Milligrams per kilogram
Q – Sample Qualifier
ND – Analyte was not detected
J – Estimated value
I – The lower value for the two columns has been reported due to obvious interference
P – The RPD between the results for the two columns exceeds the method-specific criteria
E - Concentration of analyte exceeds range of calibration curve and/or linear range of instrument

Key:

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

Exceedances of VOCs were identified and include the following: naphthalene (1 USCO / RSCO / RRSCO / CUSCO / ISCO exceedance), methylene chloride (1 USCO exceedance), 1,3,5-trimethylbenzene (1 USCO exceedance), 1,2,4-trimethylbenzene (1 USCO exceedance), and total xylenes (1 USCO exceedance).

Exceedances of SVOCs were identified and include the following: 3-methylphenol/4-methylphenol (1 USCO exceedance), benzo(a)anthracene (2 USCO / RSCO / RRSCO / CUSCO / ISCO exceedances, 1 USCO / RSCO / RRSCO / CUSCO exceedance, and 2 USCO / RSCO / RRSCO exceedances), benzo(a)pyrene (6 USCO / RSCO / RRSCO / CUSCO / ISCO exceedances), benzo(b)fluoranthene (2 USCO / RSCO / RRSCO / CUSCO / ISCO exceedances, 2 USCO / RSCO / RRSCO / CUSCO exceedances, and 2 USCO / RSCO / RRSCO exceedances),

benzo(k)fluoranthene (1 USCO / RSCO / RRSCO exceedance, 2 USCO / RSCO exceedances, and 2 USCO exceedances), chrysene (4 USCO / RSCO / RRSCO exceedances and 1 USCO / RSCO exceedance), dibenzo(a,h)anthracene (2 USCO / RSCO / RRSCO / CUSCO / ISCO exceedances and 2 USCO / RSCO / RRSCO / CUSCO exceedances), indeno(1,2,3-cd)pyrene (2 USCO / RSCO / RRSCO / CUSCO exceedances and 4 USCO / RSCO / RRSCO exceedances), dibenzofuran (1 USCO exceedance), and naphthalene (2 USCO exceedances).

Exceedances of metals were identified and include the following: arsenic (2 USCO / RSCO / RRSCO / CUSCO / ISCO exceedances and 1 USCO exceedance), barium (1 USCO / RSCO exceedance), copper (7 USCO exceedances), lead (2 USCO / RSCO / RRSCO / CUSCO exceedances, 1 USCO / RSCO / RRSCO exceedances, and 4 USCOS exceedances), mercury (1 USCO / RSCO / RRSCO exceedance and 6 USCO exceedances and), and zinc (5 USCO exceedances).

Exceedances of pesticides were identified and include the following: 4,4'-DDE (1 USCO exceedance) and 4,4'-DDT (3 USCO exceedances).

Exceedances of PFAS were identified and include the following: perfluorooctanoic acid (PFOA) (2 USCO exceedances) and perfluorooctanesulfonic acid (PFOS) (2 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 four (4) groundwater samples from temporary wellpoints installed within soil borings B2-TWP-1 and B16-TWP-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. Two rounds of groundwater sampling were completed with each round consisting of the collection of one (1) groundwater sample from each temporary wellpoint on June 12, 2024, and June 14, 2024. A total of four (4) groundwater samples were collected from the temporary wellpoints and submitted under proper COC to Alpha, a NYSDOH ELAP-certified laboratory.

2.1.5 GROUNDWATER ANALYTICAL RESULTS

A total of four (4) groundwater samples were collected during the investigation and submitted to Alpha for analysis. The samples collected on June 12, 2024, were analyzed for TCL+30/TAL and the samples collected on June 12, 2024, were analyzed for 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 B** 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:		TWP-1		TWP-2		TWP-1		TWP-2	
COLLECTION DATE:		6/12/2024		6/12/2024		6/14/2024		6/14/2024	
ANALYTE	NY-AWQS	Results	Q	Results	Q	Results	Q	Results	Q
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ug/L)									
Perfluorooctanesulfonic Acid (PFOS)	0.0027	-		-		**0.024**		**0.023**	
Perfluorooctanoic Acid (PFOA)	0.0067	-		-		**0.0413**		**0.019**	
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) (ug/L)									
Phenol	1	ND		**5**		-		-	
TOTAL METALS (ug/L)									
Iron, Total	300	**3,100**		53.8		-		-	
Magnesium, Total	35000	**41,000**		**51,500**		-		-	
Manganese, Total	300	**706.2**		44.74		-		-	
Sodium, Total	20000	**26,100**		**60,800**		-		-	

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

Key:
Result Exceeds NY-AWQS.

PFOS and PFOA were detected at concentrations exceeding NYSDEC AWQS in two (2) groundwater samples.

The SVOC phenol was detected at a concentration exceeding its NYSDEC AWQS in one (1) groundwater sample.

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

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

2.1.6 SOIL VAPOR INVESTIGATION

A total of three (3) soil vapor samples were collected during the investigation to characterize and delineate the extent of the soil vapor contamination. Helium tracer gas was used to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. A total of three (3) soil vapor samples were collected from the soil vapor probes and submitted under proper COC to Alpha, a NYSDOH ELAP-certified laboratory.

2.1.7 SOIL VAPOR ANALYTICAL RESULTS

A total of three (3) soil vapor samples were collected during the investigation and sent 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 B** and include additional results from investigations performed on off-Site properties. The following **Table 2.7** presents a summary of soil vapor detections. The soil vapor sampling locations are shown on **Figure 2.4.**

Table 2.7 – Summary of Soil Vapor Detections

SAMPLE ID:							SV-1		SV-3		SV-2	
SAMPLING DATE:							6/12/2024		6/12/2024		6/12/2024	
	NY-SSC-A	NY-SSC-B	NY-SSC-C	NY-SSC-D	NY-SSC-E	NY-SSC-F	Results	RL	Results	RL	Results	RL
VOCs (ug/m^3)												
1,1,1-Trichloroethane		100					4.42	2.18	22	3.21	ND	3.9
1,2,4-Trimethylbenzene				60			**629**	1.97	**846**	2.89	**1,140**	3.51
1,3,5-Trimethylbenzene				60			**263**	1.97	**353**	2.89	**487**	3.51
1,3-Butadiene							ND	0.885	4.51	1.3	ND	1.58
2,2,4-Trimethylpentane				60			3.49	1.87	8.69	2.75	ND	3.33
2-Butanone							6.02	2.95	16.9	4.34	27.5	5.25
4-Ethyltoluene							245	1.97	353	2.89	469	3.51
4-Methyl-2-pentanone							ND	4.1	6.68	6.02	13.2	7.29
Acetone							30.6	4.75	62.7	6.98	259	8.48
Benzene				60			1.34	1.28	3.93	1.88	9.97	2.28
Carbon disulfide							5.36	1.25	24.7	1.83	36.1	2.22
Chloroform							ND	1.95	12.6	2.87	ND	3.49
Cyclohexane				60			4.78	1.38	19.1	2.02	21	2.46
Dichlorodifluoromethane							3.07	1.98	8.46	2.91	9.1	3.53
Ethanol							ND	18.8	ND	27.7	52.4	33.5
Ethylbenzene				60			5.43	1.74	12.5	2.55	13.3	3.1
Freon-114							ND	2.8	ND	4.11	15.9	4.99
Heptane					200		2.66	1.64	4.67	2.41	12.7	2.93
Isopropanol							ND	2.46	19.4	3.61	17.7	4.38
n-Hexane					200		2.35	1.41	7.44	2.07	40.9	2.52
Naphthalene				60			36.7	2.1	44	3.08	**74.5**	3.74
o-Xylene				60			25	1.74	48.2	2.55	59.1	3.1
p/m-Xylene					200		24.4	3.47	50.4	5.13	54.7	6.21
Tertiary butyl Alcohol							13.4	3.03	21.7	4.46	80.6	5.4
Tetrachloroethene		100					7.05	2.71	ND	3.99	ND	4.84
Tetrahydrofuran							ND	2.95	7.73	4.34	ND	5.25
Toluene						300	4.22	1.51	10.4	2.22	12.5	2.69
Trichlorofluoromethane							2.33	2.25	33.6	3.3	ND	4.01

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 twenty-eight (28) VOCs were detected in the three (3) soil vapor samples. Based on a comparison of the soil vapor results to the NYSDOH Soil Vapor/Indoor Air Matrices, the elevated

VOC concentrations in soil vapor at the Site will require mitigation. Specifically, 1,2,4-trimethylbenzene was detected in each of the soil vapor samples at concentrations warranting mitigation when compared to NYSDOH Soil Vapor/Indoor Air Matrix D in the soil vapor sample collected. Additionally, naphthalene in soil vapor sample SV-3 and 1,3,5-trimethylbenzene in each of the soil vapor samples may require further action. Lastly, 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, SESI performed TCL+30/TAL sampling of soil and groundwater, and VOC sampling of soil vapor at the Site to partially satisfy the requirements of potentially entering the Brownfield Cleanup Program (BCP). The June 2024 investigation activities completed by SESI at the Site confirmed the presence of VOC, SVOC, Metal, Pesticide, and PFAS contamination in soil/historic fill, and Phenol, Metals, and PFAS 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. RSCO, RRSCO, CSCO, and ISCO exceedances are concentrated in the central portion of the Site, specifically within the location of the former substation. The depth of contamination exceeding RSCOs is generally in the top 4.5 feet of on-Site soils. Soil samples B-1(11-11.5) and B-2(11.5-12) collected approximately eleven (11) fbgs from the eastern portion of the Site identified that contaminants concentrations in soil in this area do not exceed RSCOs.

Groundwater samples were collected from two (2) temporary wellpoints located in the central and eastern portions of the Site. The SVOC Phenol was 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. However the majority of the Site would require remediation to remove contamination above the USCO's.

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.

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
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-1 (11-11.5)**			**B-2 (11.5-12)**			**B-4 (2-2.5)**			**B-6 (4.5-5)**		
						LAB ID:	**L2432305-01**			**L2432305-03**			**L2432305-05**			**L2432305-07**		
						COLLECTION DATE:	**6/10/2024**			**6/10/2024**			**6/10/2024**			**6/10/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
GENERAL CHEMISTRY																		
Cyanide, Total	27	27	27	27	10000	mg/kg	ND		0.98	ND		1.1	ND		1.1	0.57	J	1
Solids, Total						%	93.3		0.1	85.5		0.1	84.6		0.1	91.2		0.1
ORGANOCHLORINE PESTICIDES																		
4,4'-DDD	0.0033	2.6	13	92	180	mg/kg	ND		0.00169	ND		0.00178	ND		0.0018	ND		0.0017
4,4'-DDE	0.0033	1.8	8.9	62	120	mg/kg	ND		0.00169	ND		0.00178	ND		0.0018	**0.00361**		**0.0017**
4,4'-DDT	0.0033	1.7	7.9	47	94	mg/kg	0.00294		0.00169	ND		0.00178	ND		0.0018	**0.00631**		**0.0017**
Aldrin	0.005	0.019	0.097	0.68	1.4	mg/kg	ND		0.00169	ND		0.00178	ND		0.0018	ND		0.0017
Alpha-BHC	0.02	0.097	0.48	3.4	6.8	mg/kg	ND		0.000705	ND		0.00074	ND		0.000749	ND		0.00071
Beta-BHC	0.036	0.072	0.36	3	14	mg/kg	ND		0.00169	ND		0.00178	ND		0.0018	ND		0.0017
Chlordane						mg/kg	ND		0.0141	ND		0.0148	ND		0.015	ND		0.0142
cis-Chlordane	0.094	0.91	4.2	24	47	mg/kg	ND		0.00211	ND		0.00222	ND		0.00225	0.00172	J	0.00213
Delta-BHC	0.04	100	100	500	1000	mg/kg	ND		0.00169	ND		0.00178	ND		0.0018	ND		0.0017
Dieldrin	0.005	0.039	0.2	1.4	2.8	mg/kg	ND		0.00106	ND		0.00111	ND		0.00112	ND		0.00106
Endosulfan I	2.4	4.8	24	200	920	mg/kg	ND		0.00169	ND		0.00178	ND		0.0018	ND		0.0017
Endosulfan II	2.4	4.8	24	200	920	mg/kg	ND		0.00169	ND		0.00178	ND		0.0018	ND		0.0017
Endosulfan sulfate	2.4	4.8	24	200	920	mg/kg	ND		0.000705	ND		0.00074	ND		0.000749	ND		0.00071
Endrin	0.014	2.2	11	89	410	mg/kg	ND		0.000705	ND		0.00074	ND		0.000749	ND		0.00071
Endrin aldehyde						mg/kg	ND		0.00211	ND		0.00222	ND		0.00225	ND		0.00213
Endrin ketone						mg/kg	ND		0.00169	ND		0.00178	ND		0.0018	ND		0.0017
Heptachlor	0.042	0.42	2.1	15	29	mg/kg	ND		0.000846	ND		0.000888	ND		0.000899	ND		0.000852
Heptachlor epoxide						mg/kg	ND		0.00317	ND		0.00333	ND		0.00337	ND		0.0032
Lindane	0.1	0.28	1.3	9.2	23	mg/kg	ND		0.000705	ND		0.00074	ND		0.000749	ND		0.00071
Methoxychlor						mg/kg	ND		0.00317	ND		0.00333	ND		0.00337	ND		0.0032
Toxaphene						mg/kg	ND		0.0317	ND		0.0333	ND		0.0337	ND		0.032
trans-Chlordane						mg/kg	ND		0.00211	ND		0.00222	ND		0.00225	0.00248	IP	0.00213
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)																		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)						mg/kg	ND		0.000772	ND		0.000785	ND		0.000795	ND		0.00078
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)						mg/kg	0.000432	J	0.000772	ND		0.000785	ND		0.000795	ND		0.00078
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)						mg/kg	ND		0.000193	ND		0.000196	ND		0.000199	ND		0.000195
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)						mg/kg	ND		0.000193	ND		0.000196	ND		0.000199	ND		0.000195
Perfluorobutanesulfonic Acid (PFBS)						mg/kg	ND		0.000193	ND		0.000196	0.000043	J	0.000199	ND		0.000195
Perfluorobutanoic Acid (PFBA)						mg/kg	ND		0.000772	ND		0.000785	0.000051	J	0.000795	ND		0.00078
Perfluorodecanesulfonic Acid (PFDS)						mg/kg	ND		0.000193	ND		0.000196	ND		0.000199	ND		0.000195
Perfluorodecanoic Acid (PFDA)						mg/kg	ND		0.000193	ND		0.000196	ND		0.000199	ND		0.000195
Perfluorododecanoic Acid (PFDoA)						mg/kg	ND		0.000193	ND		0.000196	ND		0.000199	ND		0.000195
Perfluoroheptanesulfonic Acid (PFHpS)						mg/kg	ND		0.000193	0.000049	J	0.000196	ND		0.000199	ND		0.000195
Perfluoroheptanoic Acid (PFHpA)						mg/kg	0.000029	J	0.000193	0.00005	J	0.000196	0.000156	J	0.000199	0.000038	J	0.000195
Perfluorohexanesulfonic Acid (PFHxS)						mg/kg	ND		0.000193	0.000059	J	0.000196	0.000096	J	0.000199	ND		0.000195
Perfluorohexanoic Acid (PFHxA)						mg/kg	ND		0.000193	ND		0.000196	0.000126	J	0.000199	ND		0.000195
Perfluorononanoic Acid (PFNA)						mg/kg	ND		0.000193	ND		0.000196	0.000115	J	0.000199	ND		0.000195
Perfluorooctanesulfonamide (PFOSA)						mg/kg	ND		0.000193	ND		0.000196	ND		0.000199	ND		0.000195
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.0088	0.044	0.440	0.440	mg/kg	ND		0.000193	ND		0.000196	0.000662		0.000199	0.00024		0.000195
Perfluorooctanoic Acid (PFOA)	0.00066	0.0066	0.033	0.500	0.600	mg/kg	ND		0.000193	0.000082	J	0.000196	**0.00095**		**0.000199**	0.000243		0.000195
Perfluoropentanoic Acid (PFPeA)						mg/kg	ND		0.000386	ND		0.000392	0.000096	J	0.000397	ND		0.00039
Perfluorotetradecanoic Acid (PFTeDA)						mg/kg	ND		0.000193	ND		0.000196	ND		0.000199	ND		0.000195
Perfluorotridecanoic Acid (PFTrDA)						mg/kg	ND		0.000193	ND		0.000196	ND		0.000199	ND		0.000195
Perfluoroundecanoic Acid (PFUnA)						mg/kg	ND		0.000193	ND		0.000196	ND		0.000199	ND		0.000195
PFOA/PFOS, Total						mg/kg	ND		0.000193	0.000082	J	0.000196	0.00161		0.000199	0.000483		0.000195
POLYCHLORINATED BIPHENYLS (PCBs)																		
Aroclor 1016	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	ND		0.0527
Aroclor 1221	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	ND		0.0527
Aroclor 1232	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	ND		0.0527
Aroclor 1242	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	ND		0.0527
Aroclor 1248	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	ND		0.0527
Aroclor 1254	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	ND		0.0527
Aroclor 1260	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	0.0134	J	0.0527
Aroclor 1262	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	ND		0.0527
Aroclor 1268	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	0.00647	J	0.0527
PCBs, Total	0.1	1	1	1	25	mg/kg	ND		0.0519	ND		0.0571	ND		0.0585	0.0199	J	0.0527

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-1 (11-11.5)**			**B-2 (11.5-12)**			**B-4 (2-2.5)**			**B-6 (4.5-5)**		
						LAB ID:	**L2432305-01**			**L2432305-03**			**L2432305-05**			**L2432305-07**		
						COLLECTION DATE:	**6/10/2024**			**6/10/2024**			**6/10/2024**			**6/10/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)																		
1,2,4,5-Tetrachlorobenzene						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
1,2,4-Trichlorobenzene						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
1,2-Dichlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
1,3-Dichlorobenzene	2.4	17	49	280	560	mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
1,4-Dichlorobenzene	1.8	9.8	13	130	250	mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
1,4-Dioxane	0.1	9.8	13	130	250	mg/kg	ND		0.026	ND		0.029	ND		0.029	ND		0.027
2,4,5-Trichlorophenol						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
2,4,6-Trichlorophenol						mg/kg	ND		0.1	ND		0.11	ND		0.12	ND		0.11
2,4-Dichlorophenol						mg/kg	ND		0.16	ND		0.17	ND		0.18	ND		0.16
2,4-Dimethylphenol						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
2,4-Dinitrophenol						mg/kg	ND		0.84	ND		0.92	ND		0.94	ND		0.88
2,4-Dinitrotoluene						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
2,6-Dinitrotoluene						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
2-Chloronaphthalene						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
2-Chlorophenol						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
2-Methylnaphthalene						mg/kg	1.4		0.21	ND		0.23	0.055	J	0.23	0.047	J	0.22
2-Methylphenol	0.33	100	100	500	1000	mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
2-Nitroaniline						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
2-Nitrophenol						mg/kg	ND		0.38	ND		0.41	ND		0.42	ND		0.39
3,3'-Dichlorobenzidine						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
3-Methylphenol/4-Methylphenol	0.33	34	100	500	1000	mg/kg	ND		0.25	ND		0.27	ND		0.28	ND		0.26
3-Nitroaniline						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
4,6-Dinitro-o-cresol						mg/kg	ND		0.46	ND		0.5	ND		0.51	ND		0.47
4-Bromophenyl phenyl ether						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
4-Chloroaniline						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
4-Chlorophenyl phenyl ether						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
4-Nitroaniline						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
4-Nitrophenol						mg/kg	ND		0.24	ND		0.27	ND		0.27	ND		0.26
Acenaphthene	20	100	100	500	1000	mg/kg	1.5		0.14	ND		0.15	0.14	J	0.16	0.079	J	0.14
Acenaphthylene	100	100	100	500	1000	mg/kg	0.21		0.14	ND		0.15	0.041	J	0.16	0.2		0.14
Acetophenone						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Anthracene	100	100	100	500	1000	mg/kg	0.73		0.1	ND		0.11	0.24		0.12	0.33		0.11
Benzo(a)anthracene	1	1	1	5.6	11	mg/kg	0.72		0.1	ND		0.11	0.62		0.12	0.84		0.11
Benzo(a)pyrene	1	1	1	1	1.1	mg/kg	0.43		0.14	ND		0.15	0.5		0.16	**1.2**		**0.14**
Benzo(b)fluoranthene	1	1	1	5.6	11	mg/kg	0.78		0.1	ND		0.11	0.59		0.12	**1.7**		**0.11**
Benzo(ghi)perylene	100	100	100	500	1000	mg/kg	0.2		0.14	ND		0.15	0.4		0.16	0.7		0.14
Benzo(k)fluoranthene	0.8	1	3.9	56	110	mg/kg	0.18		0.1	ND		0.11	0.18		0.12	0.42		0.11
Benzoic Acid						mg/kg	ND		0.57	ND		0.62	ND		0.63	ND		0.59
Benzyl Alcohol						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Biphenyl						mg/kg	0.31	J	0.4	ND		0.44	ND		0.45	ND		0.42
Bis(2-chloroethoxy)methane						mg/kg	ND		0.19	ND		0.21	ND		0.21	ND		0.2
Bis(2-chloroethyl)ether						mg/kg	ND		0.16	ND		0.17	ND		0.18	ND		0.16
Bis(2-chloroisopropyl)ether						mg/kg	ND		0.21	ND		0.23	ND		0.23	ND		0.22
Bis(2-ethylhexyl)phthalate						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Butyl benzyl phthalate						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Carbazole						mg/kg	0.34		0.18	ND		0.19	0.053	J	0.2	0.17	J	0.18
Chrysene	1	1	3.9	56	110	mg/kg	0.77		0.1	ND		0.11	0.63		0.12	0.94		0.11
Di-n-butylphthalate						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Di-n-octylphthalate						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	mg/kg	0.058	J	0.1	ND		0.11	0.092	J	0.12	0.15		0.11
Dibenzofuran	7	14	59	350	1000	mg/kg	1.4		0.18	ND		0.19	0.056	J	0.2	0.066	J	0.18
Diethyl phthalate						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Dimethyl phthalate						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Fluoranthene	100	100	100	500	1000	mg/kg	2.2		0.1	ND		0.11	1.3		0.12	1.8		0.11
Fluorene	30	100	100	500	1000	mg/kg	1.4		0.18	ND		0.19	0.11	J	0.2	0.088	J	0.18
Hexachlorobenzene	0.33	0.33	1.2	6	12	mg/kg	ND		0.1	ND		0.11	ND		0.12	ND		0.11
Hexachlorobutadiene						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18

Table 2.2
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September 2024

						SAMPLE ID:	**B-1 (11-11.5)**			**B-2 (11.5-12)**			**B-4 (2-2.5)**			**B-6 (4.5-5)**		
						LAB ID:	**L2432305-01**			**L2432305-03**			**L2432305-05**			**L2432305-07**		
						COLLECTION DATE:	**6/10/2024**			**6/10/2024**			**6/10/2024**			**6/10/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
Hexachlorocyclopentadiene						mg/kg	ND		0.5	ND		0.55	ND		0.56	ND		0.52
Hexachloroethane						mg/kg	ND		0.14	ND		0.15	ND		0.16	ND		0.14
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	mg/kg	0.21		0.14	ND		0.15	0.38		0.16	**0.64**		**0.14**
Isophorone						mg/kg	ND		0.16	ND		0.17	ND		0.18	ND		0.16
n-Nitrosodi-n-propylamine						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Naphthalene	12	100	100	500	1000	mg/kg	2		0.18	ND		0.19	0.042	J	0.2	0.08	J	0.18
NDPA/DPA						mg/kg	ND		0.14	ND		0.15	ND		0.16	ND		0.14
Nitrobenzene						mg/kg	ND		0.16	ND		0.17	ND		0.18	ND		0.16
p-Chloro-m-cresol						mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Pentachlorophenol	0.8	2.4	6.7	6.7	55	mg/kg	ND		0.14	ND		0.15	ND		0.16	ND		0.14
Phenanthrene	100	100	100	500	1000	mg/kg	3.1		0.1	ND		0.11	1.3		0.12	1		0.11
Phenol	0.33	100	100	500	1000	mg/kg	ND		0.18	ND		0.19	ND		0.2	ND		0.18
Pyrene	100	100	100	500	1000	mg/kg	1.6		0.1	ND		0.11	1.4		0.12	1.5		0.11
TOTAL METALS																		
Aluminum, Total						mg/kg	7460		8.3	6590		8.86	6840		8.92	8440		8.56
Antimony, Total						mg/kg	ND		4.15	ND		4.43	2.44	J	4.46	1.68	J	4.28
Arsenic, Total	13	16	16	16	16	mg/kg	2.49		0.83	3.85		0.886	**16**		**0.892**	9.78		0.856
Barium, Total	350	350	400	400	10000	mg/kg	64		0.83	79.4		0.886	86.4		0.892	82.8		0.856
Beryllium, Total	7.2	14	72	590	2700	mg/kg	0.396	J	0.415	0.394	J	0.443	0.334	J	0.446	0.321	J	0.428
Cadmium, Total	2.5	2.5	4.3	9.3	60	mg/kg	0.094	J	0.83	0.202	J	0.886	1.06		0.892	0.863		0.856
Calcium, Total						mg/kg	1070		8.3	3710		8.86	3650		8.92	2180		8.56
Chromium, Total						mg/kg	32.3		0.83	69.6		0.886	19.8		0.892	29.9		0.856
Cobalt, Total						mg/kg	4.45		1.66	4.15		1.77	6.84		1.78	7.41		1.71
Copper, Total	50	270	270	270	10000	mg/kg	6.92		0.83	42.1		0.886	**155**		**0.892**	**63.9**		**0.856**
Iron, Total						mg/kg	14100		4.15	12900		4.43	19600		4.46	20800		4.28
Lead, Total	63	400	400	1000	3900	mg/kg	6.83		4.15	33.9		4.43	**345**		**4.46**	**634**		**4.28**
Magnesium, Total						mg/kg	2020		8.3	2750		8.86	2990		8.92	4070		8.56
Manganese, Total	1600	2000	2000	10000	10000	mg/kg	118		0.83	146		0.886	239		0.892	289		0.856
Mercury, Total	0.18	0.81	0.81	2.8	5.7	mg/kg	0.059	J	0.068	**0.424**		**0.073**	**1.22**		**0.074**	**0.261**		**0.069**
Nickel, Total	30	140	310	310	10000	mg/kg	10.2		2.08	12.7		2.22	16.1		2.23	17.1		2.14
Potassium, Total						mg/kg	407		208	802		222	1410		223	1240		214
Selenium, Total	3.9	36	180	1500	6800	mg/kg	ND		1.66	0.466	J	1.77	0.68	J	1.78	ND		1.71
Silver, Total	2	36	180	1500	6800	mg/kg	ND		0.415	ND		0.443	ND		0.446	ND		0.428
Sodium, Total						mg/kg	132	J	166	226		177	376		178	238		171
Thallium, Total						mg/kg	ND		1.66	ND		1.77	0.288	J	1.78	0.631	J	1.71
Vanadium, Total						mg/kg	24.6		0.83	25		0.886	27.7		0.892	35.7		0.856
Zinc, Total	109	2200	10000	10000	10000	mg/kg	29.4		4.15	49.4		4.43	**275**		**4.46**	**332**		**4.28**
VOLATILE ORGANIC COMPOUNDS (VOCs)																		
1,1,1,2-Tetrachloroethane						mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
1,1,1-Trichloroethane	0.68	100	100	500	1000	mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
1,1,2,2-Tetrachloroethane						mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
1,1,2-Trichloroethane						mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
1,1-Dichloroethane	0.27	19	26	240	480	mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
1,1-Dichloroethene	0.33	100	100	500	1000	mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
1,1-Dichloropropene						mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
1,2,3-Trichlorobenzene						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,2,3-Trichloropropane						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,2,4,5-Tetramethylbenzene						mg/kg	0.11		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,2,4-Trichlorobenzene						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,2,4-Trimethylbenzene	3.6	47	52	190	380	mg/kg	0.21		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,2-Dibromo-3-chloropropane						mg/kg	ND		0.15	ND		0.0043	ND		0.0035	ND		0.0029
1,2-Dibromoethane						mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
1,2-Dichlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,2-Dichloroethane	0.02	2.3	3.1	30	60	mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
1,2-Dichloroethene, Total						mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
1,2-Dichloropropane						mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097

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						SAMPLE ID:	**B-1 (11-11.5)**			**B-2 (11.5-12)**			**B-4 (2-2.5)**			**B-6 (4.5-5)**		
						LAB ID:	**L2432305-01**			**L2432305-03**			**L2432305-05**			**L2432305-07**		
						COLLECTION DATE:	**6/10/2024**			**6/10/2024**			**6/10/2024**			**6/10/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
1,3,5-Trimethylbenzene	8.4	47	52	190	380	mg/kg	0.12		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,3-Dichlorobenzene	2.4	17	49	280	560	mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,3-Dichloropropane						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,3-Dichloropropene, Total						mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
1,4-Dichlorobenzene	1.8	9.8	13	130	250	mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
1,4-Dioxane	0.1	9.8	13	130	250	mg/kg	ND		3.9	ND		0.12	ND		0.094	ND		0.078
2,2-Dichloropropane						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
2-Butanone	0.12	100	100	500	1000	mg/kg	ND		0.49	ND		0.014	ND		0.012	ND		0.0097
2-Hexanone						mg/kg	ND		0.49	ND		0.014	ND		0.012	ND		0.0097
4-Methyl-2-pentanone						mg/kg	ND		0.49	ND		0.014	ND		0.012	ND		0.0097
Acetone	0.05	100	100	500	1000	mg/kg	ND		0.49	ND		0.014	ND		0.012	0.0056	J	0.0097
Acrylonitrile						mg/kg	ND		0.2	ND		0.0058	ND		0.0047	ND		0.0039
Benzene	0.06	2.9	4.8	44	89	mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
Bromobenzene						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
Bromochloromethane						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
Bromodichloromethane						mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
Bromoform						mg/kg	ND		0.2	ND		0.0058	ND		0.0047	ND		0.0039
Bromomethane						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
Carbon disulfide						mg/kg	ND		0.49	ND		0.014	ND		0.012	ND		0.0097
Carbon tetrachloride	0.76	1.4	2.4	22	44	mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
Chlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
Chloroethane						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
Chloroform	0.37	10	49	350	700	mg/kg	ND		0.074	ND		0.0022	ND		0.0018	ND		0.0015
Chloromethane						mg/kg	ND		0.2	ND		0.0058	ND		0.0047	ND		0.0039
cis-1,2-Dichloroethene	0.25	59	100	500	1000	mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
cis-1,3-Dichloropropene						mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
Dibromochloromethane						mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
Dibromomethane						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
Dichlorodifluoromethane						mg/kg	ND		0.49	ND		0.014	ND		0.012	ND		0.0097
Ethyl ether						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
Ethylbenzene	1	30	41	390	780	mg/kg	0.0087	J	0.049	ND		0.0014	ND		0.0012	ND		0.00097
Hexachlorobutadiene						mg/kg	ND		0.2	ND		0.0058	ND		0.0047	ND		0.0039
Isopropylbenzene						mg/kg	0.0076	J	0.049	ND		0.0014	ND		0.0012	ND		0.00097
Methyl tert butyl ether	0.93	62	100	500	1000	mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
Methylene chloride	0.05	51	100	500	1000	mg/kg	**0.16**	**J**	**0.24**	0.0043	J	0.0072	0.0036	J	0.0059	ND		0.0049
n-Butylbenzene	12	100	100	500	1000	mg/kg	0.012	J	0.049	ND		0.0014	ND		0.0012	ND		0.00097
n-Propylbenzene	3.9	100	100	500	1000	mg/kg	0.012	J	0.049	ND		0.0014	ND		0.0012	ND		0.00097
Naphthalene	12	100	100	500	1000	mg/kg	11		0.2	ND		0.0058	ND		0.0047	ND		0.0039
o-Chlorotoluene						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
o-Xylene						mg/kg	0.022	J	0.049	ND		0.0014	ND		0.0012	ND		0.00097
p-Chlorotoluene						mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
p-Diethylbenzene						mg/kg	0.16		0.098	ND		0.0029	ND		0.0024	ND		0.0019
p-Ethyltoluene						mg/kg	0.091	J	0.098	ND		0.0029	ND		0.0024	ND		0.0019
p-Isopropyltoluene						mg/kg	0.037	J	0.049	ND		0.0014	ND		0.0012	ND		0.00097
p/m-Xylene						mg/kg	0.036	J	0.098	ND		0.0029	ND		0.0024	ND		0.0019
sec-Butylbenzene	11	100	100	500	1000	mg/kg	0.014	J	0.049	ND		0.0014	ND		0.0012	ND		0.00097
Styrene						mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
tert-Butylbenzene	5.9	100	100	500	1000	mg/kg	ND		0.098	ND		0.0029	ND		0.0024	ND		0.0019
Tetrachloroethene	1.3	5.5	19	150	300	mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049
Toluene	0.7	100	100	500	1000	mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
trans-1,2-Dichloroethene	0.19	100	100	500	1000	mg/kg	ND		0.074	ND		0.0022	ND		0.0018	ND		0.0015
trans-1,3-Dichloropropene						mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
trans-1,4-Dichloro-2-butene						mg/kg	ND		0.24	ND		0.0072	ND		0.0059	ND		0.0049
Trichloroethene	0.47	10	21	200	400	mg/kg	ND		0.024	ND		0.00072	ND		0.00059	ND		0.00049

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
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SAMPLE ID:							**B-1 (11-11.5)**			**B-2 (11.5-12)**			**B-4 (2-2.5)**			**B-6 (4.5-5)**		
LAB ID:							**L2432305-01**			**L2432305-03**			**L2432305-05**			**L2432305-07**		
COLLECTION DATE:							**6/10/2024**			**6/10/2024**			**6/10/2024**			**6/10/2024**		
SAMPLE MATRIX:							**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
Trichlorofluoromethane						mg/kg	ND		0.2	ND		0.0058	ND		0.0047	ND		0.0039
Vinyl acetate						mg/kg	ND		0.49	ND		0.014	ND		0.012	ND		0.0097
Vinyl chloride	0.02	0.21	0.9	13	27	mg/kg	ND		0.049	ND		0.0014	ND		0.0012	ND		0.00097
Xylenes, Total	0.26	100	100	500	1000	mg/kg	0.058	J	0.049	ND		0.0014	ND		0.0012	ND		0.00097

NOTES:
ND - Analyte was not detected.
J - Estimated value.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specific criteria.
E - Concentration of analyte exceeds range of calibration curve and/or linear range of instrument.
Q - Sample qualifier.
mg/kg - Milligrams per kilogram.

KEY:

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

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

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	B-8 (4-4.5)			B-9 (3.5-4)			B-10 (3.5-4)			B-10 (3.5-4)		
						LAB ID:	L2432305-09			L2432305-10			L2432804-01			L2432804-01 R1		
						COLLECTION DATE:	6/10/2024			6/10/2024			6/11/2024			6/11/2024		
						SAMPLE MATRIX:	SOIL			SOIL			SOIL			SOIL		
	USCO	RSCO	RRSCO	CSCO	ISCO	Units	Results	Q	RL	Results	Q	RL	Results	Q	RL	Results	Q	RL
GENERAL CHEMISTRY																		
Cyanide, Total	27	27	27	27	10000	mg/kg	ND		1	ND		1.1	ND		1	-		-
Solids, Total						%	87.2		0.1	88		0.1	93.1		0.1	-		-
ORGANOCHLORINE PESTICIDES																		
4,4'-DDD	0.0033	2.6	13	92	180	mg/kg	0.00112	J	0.00179	0.00108	J	0.00176	ND		0.00169	-		-
4,4'-DDE	0.0033	1.8	8.9	62	120	mg/kg	0.000664	J	0.00179	0.00114	J	0.00176	ND		0.00169	-		-
4,4'-DDT	0.0033	1.7	7.9	47	94	mg/kg	ND		0.00179	ND		0.00176	**0.00792**		**0.00169**	-		-
Aldrin	0.005	0.019	0.097	0.68	1.4	mg/kg	ND		0.00179	ND		0.00176	ND		0.00169	-		-
Alpha-BHC	0.02	0.097	0.48	3.4	6.8	mg/kg	ND		0.000747	ND		0.000733	ND		0.000704	-		-
Beta-BHC	0.036	0.072	0.36	3	14	mg/kg	ND		0.00179	ND		0.00176	ND		0.00169	-		-
Chlordane						mg/kg	ND		0.0149	ND		0.0146	ND		0.0141	-		-
cis-Chlordane	0.094	0.91	4.2	24	47	mg/kg	ND		0.00224	ND		0.0022	ND		0.00211	-		-
Delta-BHC	0.04	100	100	500	1000	mg/kg	ND		0.00179	ND		0.00176	ND		0.00169	-		-
Dieldrin	0.005	0.039	0.2	1.4	2.8	mg/kg	ND		0.00112	ND		0.0011	ND		0.00106	-		-
Endosulfan I	2.4	4.8	24	200	920	mg/kg	ND		0.00179	ND		0.00176	ND		0.00169	-		-
Endosulfan II	2.4	4.8	24	200	920	mg/kg	ND		0.00179	ND		0.00176	ND		0.00169	-		-
Endosulfan sulfate	2.4	4.8	24	200	920	mg/kg	ND		0.000747	ND		0.000733	ND		0.000704	-		-
Endrin	0.014	2.2	11	89	410	mg/kg	ND		0.000747	ND		0.000733	ND		0.000704	-		-
Endrin aldehyde						mg/kg	ND		0.00224	ND		0.0022	ND		0.00211	-		-
Endrin ketone						mg/kg	ND		0.00179	ND		0.00176	ND		0.00169	-		-
Heptachlor	0.042	0.42	2.1	15	29	mg/kg	ND		0.000896	ND		0.000879	ND		0.000845	-		-
Heptachlor epoxide						mg/kg	ND		0.00336	ND		0.0033	ND		0.00317	-		-
Lindane	0.1	0.28	1.3	9.2	23	mg/kg	ND		0.000747	ND		0.000733	ND		0.000704	-		-
Methoxychlor						mg/kg	ND		0.00336	ND		0.0033	ND		0.00317	-		-
Toxaphene						mg/kg	ND		0.0336	ND		0.033	ND		0.0317	-		-
trans-Chlordane						mg/kg	ND		0.00224	0.000702	JIP	0.0022	ND		0.00211	-		-
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)																		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)						mg/kg	ND		0.000796	ND		0.000789	ND		0.000788	-		-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)						mg/kg	ND		0.000796	ND		0.000789	ND		0.000788	-		-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)						mg/kg	0.000166	J	0.000199	ND		0.000197	ND		0.000197	-		-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluorobutanesulfonic Acid (PFBS)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluorobutanoic Acid (PFBA)						mg/kg	ND		0.000796	ND		0.000789	ND		0.000788	-		-
Perfluorodecanesulfonic Acid (PFDS)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluorodecanoic Acid (PFDA)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluorododecanoic Acid (PFDoA)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluoroheptanesulfonic Acid (PFHpS)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluoroheptanoic Acid (PFHpA)						mg/kg	0.000036	J	0.000199	0.000092	J	0.000197	0.000119	J	0.000197	-		-
Perfluorohexanesulfonic Acid (PFHxS)						mg/kg	ND		0.000199	0.000178	J	0.000197	ND		0.000197	-		-
Perfluorohexanoic Acid (PFHxA)						mg/kg	ND		0.000199	ND		0.000197	0.000101	J	0.000197	-		-
Perfluorononanoic Acid (PFNA)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluorooctanesulfonamide (PFOSA)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.0088	0.044	0.440	0.440	mg/kg	**0.00122**		**0.000199**	0.000081	J	0.000197	0.000283		0.000197	-		-
Perfluorooctanoic Acid (PFOA)	0.00066	0.0066	0.033	0.500	0.600	mg/kg	0.000297		0.000199	**0.00102**		**0.000197**	0.000467		0.000197	-		-
Perfluoropentanoic Acid (PFPeA)						mg/kg	ND		0.000398	ND		0.000394	0.0001	J	0.000394	-		-
Perfluorotetradecanoic Acid (PFTeDA)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluorotridecanoic Acid (PFTrDA)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
Perfluoroundecanoic Acid (PFUnA)						mg/kg	ND		0.000199	ND		0.000197	ND		0.000197	-		-
PFOA/PFOS, Total						mg/kg	0.00152		0.000199	0.0011	J	0.000197	0.00075		0.000197	-		-
POLYCHLORINATED BIPHENYLS (PCBs)																		
Aroclor 1016	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	ND		0.0526	-		-
Aroclor 1221	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	ND		0.0526	-		-
Aroclor 1232	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	ND		0.0526	-		-
Aroclor 1242	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	ND		0.0526	-		-
Aroclor 1248	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	ND		0.0526	-		-
Aroclor 1254	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	0.0141	J	0.0526	-		-
Aroclor 1260	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	0.0135	J	0.0526	-		-
Aroclor 1262	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	ND		0.0526	-		-
Aroclor 1268	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	0.00686	J	0.0526	-		-
PCBs, Total	0.1	1	1	1	25	mg/kg	ND		0.0544	ND		0.0526	0.0345	J	0.0526	-		-

Table 2.2
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September 2024

						SAMPLE ID:	**B-8 (4-4.5)**			**B-9 (3.5-4)**			**B-10 (3.5-4)**			**B-10 (3.5-4)**		
						LAB ID:	**L2432305-09**			**L2432305-10**			**L2432804-01**			**L2432804-01 R1**		
						COLLECTION DATE:	**6/10/2024**			**6/10/2024**			**6/11/2024**			**6/11/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)																		
1,2,4,5-Tetrachlorobenzene						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
1,2,4-Trichlorobenzene						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
1,2-Dichlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
1,3-Dichlorobenzene	2.4	17	49	280	560	mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
1,4-Dichlorobenzene	1.8	9.8	13	130	250	mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
1,4-Dioxane	0.1	9.8	13	130	250	mg/kg	ND		0.028	ND		0.028	ND		0.027	-		-
2,4,5-Trichlorophenol						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
2,4,6-Trichlorophenol						mg/kg	ND		0.11	ND		0.11	ND		0.11	-		-
2,4-Dichlorophenol						mg/kg	ND		0.17	ND		0.17	ND		0.16	-		-
2,4-Dimethylphenol						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
2,4-Dinitrophenol						mg/kg	ND		0.91	ND		0.89	ND		0.86	-		-
2,4-Dinitrotoluene						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
2,6-Dinitrotoluene						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
2-Chloronaphthalene						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
2-Chlorophenol						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
2-Methylnaphthalene						mg/kg	ND		0.23	ND		0.22	0.48		0.21	-		-
2-Methylphenol	0.33	100	100	500	1000	mg/kg	ND		0.19	ND		0.18	0.035	J	0.18	-		-
2-Nitroaniline						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
2-Nitrophenol						mg/kg	ND		0.41	ND		0.4	ND		0.39	-		-
3,3'-Dichlorobenzidine						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
3-Methylphenol/4-Methylphenol	0.33	34	100	500	1000	mg/kg	ND		0.27	ND		0.27	0.14	J	0.26	-		-
3-Nitroaniline						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
4,6-Dinitro-o-cresol						mg/kg	ND		0.49	ND		0.48	ND		0.46	-		-
4-Bromophenyl phenyl ether						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
4-Chloroaniline						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
4-Chlorophenyl phenyl ether						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
4-Nitroaniline						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
4-Nitrophenol						mg/kg	ND		0.27	ND		0.26	ND		0.25	-		-
Acenaphthene	20	100	100	500	1000	mg/kg	0.029	J	0.15	ND		0.15	0.19		0.14	-		-
Acenaphthylene	100	100	100	500	1000	mg/kg	0.12	J	0.15	0.044	J	0.15	5.4		0.14	-		-
Acetophenone						mg/kg	ND		0.19	ND		0.18	0.05	J	0.18	-		-
Anthracene	100	100	100	500	1000	mg/kg	0.12		0.11	ND		0.11	2.1		0.11	-		-
Benzo(a)anthracene	1	1	1	5.6	11	mg/kg	0.37		0.11	0.11		0.11	**8.3**	**E**	**0.11**	**5.9**		**0.54**
Benzo(a)pyrene	1	1	1	1	1.1	mg/kg	0.45		0.15	0.1J		0.15	**8.1**	**E**	**0.14**	**6.5**		**0.72**
Benzo(b)fluoranthene	1	1	1	5.6	11	mg/kg	0.67		0.11	0.15		0.11	**11**	**E**	**0.11**	**8.8**		**0.54**
Benzo(ghi)perylene	100	100	100	500	1000	mg/kg	0.31		0.15	0.075	J	0.15	6.8		0.14	-		-
Benzo(k)fluoranthene	0.8	1	3.9	56	110	mg/kg	0.16		0.11	0.042	J	0.11	**2.6**		**0.11**	-		-
Benzoic Acid						mg/kg	ND		0.62	ND		0.6	ND		0.58	-		-
Benzyl Alcohol						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
Biphenyl						mg/kg	ND		0.43	ND		0.42	0.1	J	0.41	-		-
Bis(2-chloroethoxy)methane						mg/kg	ND		0.2	ND		0.2	ND		0.19	-		-
Bis(2-chloroethyl)ether						mg/kg	ND		0.17	ND		0.17	ND		0.16	-		-
Bis(2-chloroisopropyl)ether						mg/kg	ND		0.23	ND		0.22	ND		0.21	-		-
Bis(2-ethylhexyl)phthalate						mg/kg	ND		0.19	ND		0.18	0.16	J	0.18	-		-
Butyl benzyl phthalate						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
Carbazole						mg/kg	0.056	J	0.19	ND		0.18	0.56		0.18	-		-
Chrysene	1	1	3.9	56	110	mg/kg	0.41		0.11	0.12		0.11	**8.6**	**E**	**0.11**	**5.9**		**0.54**
Di-n-butylphthalate						mg/kg	ND		0.19	ND		0.18	0.053	J	0.18	-		-
Di-n-octylphthalate						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	mg/kg	0.065	J	0.11	0.022	J	0.11	**1.7**		**0.11**	-		-
Dibenzofuran	7	14	59	350	1000	mg/kg	0.028	J	0.19	ND		0.18	0.29		0.18	-		-
Diethyl phthalate						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
Dimethyl phthalate						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
Fluoranthene	100	100	100	500	1000	mg/kg	0.72		0.11	0.15		0.11	12	E	0.11	7.4		0.54
Fluorene	30	100	100	500	1000	mg/kg	0.037	J	0.19	ND		0.18	0.38		0.18	-		-
Hexachlorobenzene	0.33	0.33	1.2	6	12	mg/kg	ND		0.11	ND		0.11	ND		0.11	-		-
Hexachlorobutadiene						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-8 (4-4.5)**			**B-9 (3.5-4)**			**B-10 (3.5-4)**			**B-10 (3.5-4)**		
						LAB ID:	**L2432305-09**			**L2432305-10**			**L2432804-01**			**L2432804-01 R1**		
						COLLECTION DATE:	**6/10/2024**			**6/10/2024**			**6/11/2024**			**6/11/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
Hexachlorocyclopentadiene						mg/kg	ND		0.54	ND		0.53	ND		0.51	-		-
Hexachloroethane						mg/kg	ND		0.15	ND		0.15	ND		0.14	-		-
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	mg/kg	0.25		0.15	0.077	J	0.15	**6.7**		**0.14**	-		-
Isophorone						mg/kg	ND		0.17	ND		0.17	ND		0.16	-		-
n-Nitrosodi-n-propylamine						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
Naphthalene	12	100	100	500	1000	mg/kg	0.036	J	0.19	ND		0.18	1.7		0.18	-		-
NDPA/DPA						mg/kg	ND		0.15	ND		0.15	ND		0.14	-		-
Nitrobenzene						mg/kg	ND		0.17	ND		0.17	ND		0.16	-		-
p-Chloro-m-cresol						mg/kg	ND		0.19	ND		0.18	ND		0.18	-		-
Pentachlorophenol	0.8	2.4	6.7	6.7	55	mg/kg	ND		0.15	ND		0.15	ND		0.14	-		-
Phenanthrene	100	100	100	500	1000	mg/kg	0.42		0.11	0.08	J	0.11	2.5		0.11	-		-
Phenol	0.33	100	100	500	1000	mg/kg	ND		0.19	ND		0.18	0.098	J	0.18	-		-
Pyrene	100	100	100	500	1000	mg/kg	0.65		0.11	0.15		0.11	14	E	0.11	8.3		0.54
TOTAL METALS																		
Aluminum, Total						mg/kg	8310		8.75	15200		8.58	6580		8.44	-		-
Antimony, Total						mg/kg	0.523	J	4.38	ND		4.29	2.58	J	4.22	-		-
Arsenic, Total	13	16	16	16	16	mg/kg	4.18		0.875	4.14		0.858	**63.5**		**0.844**	-		-
Barium, Total	350	350	400	400	10000	mg/kg	64.6		0.875	51.3		0.858	195		0.844	-		-
Beryllium, Total	7.2	14	72	590	2700	mg/kg	0.307	J	0.438	0.424	J	0.429	0.342	J	0.422	-		-
Cadmium, Total	2.5	2.5	4.3	9.3	60	mg/kg	0.265	J	0.875	0.098	J	0.858	0.804	J	0.844	-		-
Calcium, Total						mg/kg	7420		8.75	1010		8.58	2760		8.44	-		-
Chromium, Total						mg/kg	21.6		0.875	24.9		0.858	42.7		0.844	-		-
Cobalt, Total						mg/kg	6.53		1.75	7.48		1.72	6.93		1.69	-		-
Copper, Total	50	270	270	270	10000	mg/kg	23.4		0.875	12.2		0.858	**125**		**0.844**	-		-
Iron, Total						mg/kg	17400		4.38	23900		4.29	24000		4.22	-		-
Lead, Total	63	400	400	1000	3900	mg/kg	58		4.38	9.03		4.29	**1,050**		**4.22**	-		-
Magnesium, Total						mg/kg	4060		8.75	3340		8.58	2650		8.44	-		-
Manganese, Total	1600	2000	2000	10000	10000	mg/kg	395		0.875	128		0.858	289		0.844	-		-
Mercury, Total	0.18	0.81	0.81	2.8	5.7	mg/kg	0.07	J	0.072	0.048	J	0.071	**0.33**		**0.07**	-		-
Nickel, Total	30	140	310	310	10000	mg/kg	15.6		2.19	14.1		2.14	19.1		2.11	-		-
Potassium, Total						mg/kg	1710		219	774		214	1220		211	-		-
Selenium, Total	3.9	36	180	1500	6800	mg/kg	ND		1.75	0.229	J	1.72	ND		1.69	-		-
Silver, Total	2	36	180	1500	6800	mg/kg	ND		0.438	ND		0.429	0.843		0.422	-		-
Sodium, Total						mg/kg	278		175	213		172	198		169	-		-
Thallium, Total						mg/kg	0.496	J	1.75	0.555	J	1.72	0.577	J	1.69	-		-
Vanadium, Total						mg/kg	28.9		0.875	33.5		0.858	39.8		0.844	-		-
Zinc, Total	109	2200	10000	10000	10000	mg/kg	51.8		4.38	33.7		4.29	**332**		**4.22**	-		-
VOLATILE ORGANIC COMPOUNDS (VOCs)																		
1,1,1,2-Tetrachloroethane						mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-
1,1,1-Trichloroethane	0.68	100	100	500	1000	mg/kg	ND		0.00063	ND		0.00052	0.01		0.00047	-		-
1,1,2,2-Tetrachloroethane						mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-
1,1,2-Trichloroethane						mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
1,1-Dichloroethane	0.27	19	26	240	480	mg/kg	ND		0.0013	ND		0.001	0.001		0.00095	-		-
1,1-Dichloroethene	0.33	100	100	500	1000	mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
1,1-Dichloropropene						mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-
1,2,3-Trichlorobenzene						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,2,3-Trichloropropane						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,2,4,5-Tetramethylbenzene						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,2,4-Trichlorobenzene						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,2,4-Trimethylbenzene	3.6	47	52	190	380	mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,2-Dibromo-3-chloropropane						mg/kg	ND		0.0038	ND		0.0031	ND		0.0028	-		-
1,2-Dibromoethane						mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
1,2-Dichlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,2-Dichloroethane	0.02	2.3	3.1	30	60	mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
1,2-Dichloroethene, Total						mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
1,2-Dichloropropane						mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-8 (4-4.5)**			**B-9 (3.5-4)**			**B-10 (3.5-4)**			**B-10 (3.5-4)**		
						LAB ID:	**L2432305-09**			**L2432305-10**			**L2432804-01**			**L2432804-01 R1**		
						COLLECTION DATE:	**6/10/2024**			**6/10/2024**			**6/11/2024**			**6/11/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
1,3,5-Trimethylbenzene	8.4	47	52	190	380	mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,3-Dichlorobenzene	2.4	17	49	280	560	mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,3-Dichloropropane						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,3-Dichloropropene, Total						mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-
1,4-Dichlorobenzene	1.8	9.8	13	130	250	mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
1,4-Dioxane	0.1	9.8	13	130	250	mg/kg	ND		0.1	ND		0.084	ND		0.076	-		-
2,2-Dichloropropane						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
2-Butanone	0.12	100	100	500	1000	mg/kg	ND		0.013	ND		0.01	ND		0.0095	-		-
2-Hexanone						mg/kg	ND		0.013	ND		0.01	ND		0.0095	-		-
4-Methyl-2-pentanone						mg/kg	ND		0.013	ND		0.01	ND		0.0095	-		-
Acetone	0.05	100	100	500	1000	mg/kg	0.0089	J	0.013	0.015		0.01	ND		0.0095	-		-
Acrylonitrile						mg/kg	ND		0.0051	ND		0.0042	ND		0.0038	-		-
Benzene	0.06	2.9	4.8	44	89	mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-
Bromobenzene						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
Bromochloromethane						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
Bromodichloromethane						mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-
Bromoform						mg/kg	ND		0.0051	ND		0.0042	ND		0.0038	-		-
Bromomethane						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
Carbon disulfide						mg/kg	ND		0.013	ND		0.01	ND		0.0095	-		-
Carbon tetrachloride	0.76	1.4	2.4	22	44	mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
Chlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-
Chloroethane						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
Chloroform	0.37	10	49	350	700	mg/kg	ND		0.0019	ND		0.0016	ND		0.0014	-		-
Chloromethane						mg/kg	ND		0.0051	ND		0.0042	ND		0.0038	-		-
cis-1,2-Dichloroethene	0.25	59	100	500	1000	mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
cis-1,3-Dichloropropene						mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-
Dibromochloromethane						mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
Dibromomethane						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
Dichlorodifluoromethane						mg/kg	ND		0.013	ND		0.01	ND		0.0095	-		-
Ethyl ether						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
Ethylbenzene	1	30	41	390	780	mg/kg	ND		0.0013	ND		0.001	0.00036	J	0.00095	-		-
Hexachlorobutadiene						mg/kg	ND		0.0051	ND		0.0042	ND		0.0038	-		-
Isopropylbenzene						mg/kg	ND		0.0013	ND		0.001	0.00046	J	0.00095	-		-
Methyl tert butyl ether	0.93	62	100	500	1000	mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
Methylene chloride	0.05	51	100	500	1000	mg/kg	ND		0.0063	0.003	J	0.0052	ND		0.0047	-		-
n-Butylbenzene	12	100	100	500	1000	mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
n-Propylbenzene	3.9	100	100	500	1000	mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
Naphthalene	12	100	100	500	1000	mg/kg	ND		0.0051	ND		0.0042	ND		0.0038	-		-
o-Chlorotoluene						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
o-Xylene						mg/kg	ND		0.0013	ND		0.001	0.00096		0.00095	-		-
p-Chlorotoluene						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
p-Diethylbenzene						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
p-Ethyltoluene						mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
p-Isopropyltoluene						mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
p/m-Xylene						mg/kg	ND		0.0025	ND		0.0021	0.0026		0.0019	-		-
sec-Butylbenzene	11	100	100	500	1000	mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
Styrene						mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
tert-Butylbenzene	5.9	100	100	500	1000	mg/kg	ND		0.0025	ND		0.0021	ND		0.0019	-		-
Tetrachloroethene	1.3	5.5	19	150	300	mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-
Toluene	0.7	100	100	500	1000	mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
trans-1,2-Dichloroethene	0.19	100	100	500	1000	mg/kg	ND		0.0019	ND		0.0016	ND		0.0014	-		-
trans-1,3-Dichloropropene						mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
trans-1,4-Dichloro-2-butene						mg/kg	ND		0.0063	ND		0.0052	ND		0.0047	-		-
Trichloroethene	0.47	10	21	200	400	mg/kg	ND		0.00063	ND		0.00052	ND		0.00047	-		-

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

SAMPLE ID:							**B-8 (4-4.5)**			**B-9 (3.5-4)**			**B-10 (3.5-4)**			**B-10 (3.5-4)**		
LAB ID:							**L2432305-09**			**L2432305-10**			**L2432804-01**			**L2432804-01 R1**		
COLLECTION DATE:							**6/10/2024**			**6/10/2024**			**6/11/2024**			**6/11/2024**		
SAMPLE MATRIX:							**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
Trichlorofluoromethane						mg/kg	ND		0.0051	ND		0.0042	ND		0.0038	-		-
Vinyl acetate						mg/kg	ND		0.013	ND		0.01	ND		0.0095	-		-
Vinyl chloride	0.02	0.21	0.9	13	27	mg/kg	ND		0.0013	ND		0.001	ND		0.00095	-		-
Xylenes, Total	0.26	100	100	500	1000	mg/kg	ND		0.0013	ND		0.001	0.0036		0.00095	-		-

NOTES:
ND - Analyte was not detected.
J - Estimated value.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specific criteria.
E - Concentration of analyte exceeds range of calibration curve and/or linear range of instrument.
Q - Sample qualifier.
mg/kg - Milligrams per kilogram.

KEY:

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

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

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-12 (3-3.5)**			**B-12 (3-3.5)**			**B-14 (6.5-7)**			**B-16 (3.5-4)**		
						LAB ID:	**L2432804-03**			**L2432804-03 R1**			**L2433160-04**			**L2432804-07**		
						COLLECTION DATE:	**6/11/2024**			**6/11/2024**			**6/12/2024**			**6/11/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
GENERAL CHEMISTRY																		
Cyanide, Total	27	27	27	27	10000	mg/kg	0.32	J	1	-		-	ND		1	0.46	J	1.1
Solids, Total						%	90.4		0.1	-		-	91.6		0.1	91.2		0.1
ORGANOCHLORINE PESTICIDES																		
4,4'-DDD	0.0033	2.6	13	92	180	mg/kg	ND		0.00167	-		-	ND		0.00166	ND		0.00172
4,4'-DDE	0.0033	1.8	8.9	62	120	mg/kg	ND		0.00167	-		-	0.000935	J	0.00166	ND		0.00172
4,4'-DDT	0.0033	1.7	7.9	47	94	mg/kg	ND		0.00167	-		-	0.00274		0.00166	ND		0.00172
Aldrin	0.005	0.019	0.097	0.68	1.4	mg/kg	ND		0.00167	-		-	ND		0.00166	ND		0.00172
Alpha-BHC	0.02	0.097	0.48	3.4	6.8	mg/kg	ND		0.000697	-		-	ND		0.000691	ND		0.000716
Beta-BHC	0.036	0.072	0.36	3	14	mg/kg	ND		0.00167	-		-	ND		0.00166	ND		0.00172
Chlordane						mg/kg	ND		0.0139	-		-	0.0395		0.0138	ND		0.0143
cis-Chlordane	0.094	0.91	4.2	24	47	mg/kg	ND		0.00209	-		-	0.00306	IP	0.00207	ND		0.00215
Delta-BHC	0.04	100	100	500	1000	mg/kg	ND		0.00167	-		-	ND		0.00166	ND		0.00172
Dieldrin	0.005	0.039	0.2	1.4	2.8	mg/kg	ND		0.00105	-		-	0.000705	J	0.00104	ND		0.00107
Endosulfan I	2.4	4.8	24	200	920	mg/kg	ND		0.00167	-		-	ND		0.00166	ND		0.00172
Endosulfan II	2.4	4.8	24	200	920	mg/kg	ND		0.00167	-		-	ND		0.00166	ND		0.00172
Endosulfan sulfate	2.4	4.8	24	200	920	mg/kg	ND		0.000697	-		-	ND		0.000691	ND		0.000716
Endrin	0.014	2.2	11	89	410	mg/kg	ND		0.000697	-		-	ND		0.000691	ND		0.000716
Endrin aldehyde						mg/kg	ND		0.00209	-		-	ND		0.00207	ND		0.00215
Endrin ketone						mg/kg	ND		0.00167	-		-	ND		0.00166	ND		0.00172
Heptachlor	0.042	0.42	2.1	15	29	mg/kg	ND		0.000837	-		-	ND		0.00083	ND		0.000859
Heptachlor epoxide						mg/kg	ND		0.00314	-		-	ND		0.00311	ND		0.00322
Lindane	0.1	0.28	1.3	9.2	23	mg/kg	ND		0.000697	-		-	ND		0.000691	ND		0.000716
Methoxychlor						mg/kg	ND		0.00314	-		-	ND		0.00311	ND		0.00322
Toxaphene						mg/kg	ND		0.0314	-		-	ND		0.0311	ND		0.0322
trans-Chlordane						mg/kg	ND		0.00209	-		-	0.00529		0.00207	ND		0.00215
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)																		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)						mg/kg	ND		0.00434	-		-	ND		0.000723	ND		0.0008
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)						mg/kg	ND		0.00434	-		-	ND		0.000723	0.000342	J	0.0008
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluorobutanesulfonic Acid (PFBS)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluorobutanoic Acid (PFBA)						mg/kg	ND		0.00434	-		-	ND		0.000723	ND		0.0008
Perfluorodecanesulfonic Acid (PFDS)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluorodecanoic Acid (PFDA)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluorododecanoic Acid (PFDoA)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluoroheptanesulfonic Acid (PFHpS)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluoroheptanoic Acid (PFHpA)						mg/kg	ND		0.00108	-		-	ND		0.000181	0.000066	J	0.0002
Perfluorohexanesulfonic Acid (PFHxS)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluorohexanoic Acid (PFHxA)						mg/kg	ND		0.00108	-		-	0.000051	J	0.000181	0.000073	J	0.0002
Perfluorononanoic Acid (PFNA)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluorooctanesulfonamide (PFOSA)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.0088	0.044	0.440	0.440	mg/kg	0.000685	J	0.00108	-		-	0.000234		0.000181	**0.00172**		**0.0002**
Perfluorooctanoic Acid (PFOA)	0.00066	0.0066	0.033	0.500	0.600	mg/kg	ND		0.00108	-		-	0.000075	J	0.000181	0.000392		0.0002
Perfluoropentanoic Acid (PFPeA)						mg/kg	ND		0.00217	-		-	ND		0.000361	0.000112	J	0.0004
Perfluorotetradecanoic Acid (PFTeDA)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluorotridecanoic Acid (PFTrDA)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
Perfluoroundecanoic Acid (PFUnA)						mg/kg	ND		0.00108	-		-	ND		0.000181	ND		0.0002
PFOA/PFOS, Total						mg/kg	0.000685	J	0.00108	-		-	0.000309	J	0.000181	0.00211		0.0002
POLYCHLORINATED BIPHENYLS (PCBs)																		
Aroclor 1016	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	ND		0.263
Aroclor 1221	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	ND		0.263
Aroclor 1232	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	ND		0.263
Aroclor 1242	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	ND		0.263
Aroclor 1248	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	ND		0.263
Aroclor 1254	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	0.0832	J	0.263
Aroclor 1260	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	ND		0.263
Aroclor 1262	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	ND		0.263
Aroclor 1268	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	ND		0.263
PCBs, Total	0.1	1	1	1	25	mg/kg	ND		0.0536	-		-	ND		0.0518	0.0832	J	0.263

Table 2.2
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2752 Webster Avenue
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SESI Project 13581A
September 2024

						SAMPLE ID:	**B-12 (3-3.5)**			**B-12 (3-3.5)**			**B-14 (6.5-7)**			**B-16 (3.5-4)**		
						LAB ID:	**L2432804-03**			**L2432804-03 R1**			**L2433160-04**			**L2432804-07**		
						COLLECTION DATE:	**6/11/2024**			**6/11/2024**			**6/12/2024**			**6/11/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)																		
1,2,4,5-Tetrachlorobenzene						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
1,2,4-Trichlorobenzene						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
1,2-Dichlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
1,3-Dichlorobenzene	2.4	17	49	280	560	mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
1,4-Dichlorobenzene	1.8	9.8	13	130	250	mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
1,4-Dioxane	0.1	9.8	13	130	250	mg/kg	ND		0.14	-		-	ND		0.27	ND		0.027
2,4,5-Trichlorophenol						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
2,4,6-Trichlorophenol						mg/kg	ND		0.55	-		-	ND		1.1	ND		0.11
2,4-Dichlorophenol						mg/kg	ND		0.82	-		-	ND		1.6	ND		0.16
2,4-Dimethylphenol						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
2,4-Dinitrophenol						mg/kg	ND		4.4	-		-	ND		8.7	ND		0.88
2,4-Dinitrotoluene						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
2,6-Dinitrotoluene						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
2-Chloronaphthalene						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
2-Chlorophenol						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
2-Methylnaphthalene						mg/kg	11		1.1	-		-	ND		2.2	0.32		0.22
2-Methylphenol	0.33	100	100	500	1000	mg/kg	0.15	J	0.91	-		-	ND		1.8	ND		0.18
2-Nitroaniline						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
2-Nitrophenol						mg/kg	ND		2	-		-	ND		3.9	ND		0.39
3,3'-Dichlorobenzidine						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
3-Methylphenol/4-Methylphenol	0.33	34	100	500	1000	mg/kg	**0.53**	**J**	**1.3**	-		-	ND		2.6	0.078	J	0.26
3-Nitroaniline						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
4,6-Dinitro-o-cresol						mg/kg	ND		2.4	-		-	ND		4.7	ND		0.48
4-Bromophenyl phenyl ether						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
4-Chloroaniline						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
4-Chlorophenyl phenyl ether						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
4-Nitroaniline						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
4-Nitrophenol						mg/kg	ND		1.3	-		-	ND		2.5	ND		0.26
Acenaphthene	20	100	100	500	1000	mg/kg	3.8		0.73	-		-	ND		1.4	0.54		0.15
Acenaphthylene	100	100	100	500	1000	mg/kg	3.3		0.73	-		-	ND		1.4	1.7		0.15
Acetophenone						mg/kg	ND		0.91	-		-	ND		1.8	0.16	J	0.18
Anthracene	100	100	100	500	1000	mg/kg	13		0.55	-		-	ND		1.1	2.7		0.11
Benzo(a)anthracene	1	1	1	5.6	11	mg/kg	**19**		**0.55**	-		-	ND		1.1	**4.4**		**0.11**
Benzo(a)pyrene	1	1	1	1	1.1	mg/kg	**15**		**0.73**	-		-	ND		1.4	**4.3**		**0.15**
Benzo(b)fluoranthene	1	1	1	5.6	11	mg/kg	**17**		**0.55**	-		-	ND		1.1	**6.9**		**0.11**
Benzo(ghi)perylene	100	100	100	500	1000	mg/kg	8.8		0.73	-		-	ND		1.4	3.6		0.15
Benzo(k)fluoranthene	0.8	1	3.9	56	110	mg/kg	**6.4**		**0.55**	-		-	ND		1.1	**1.4**		**0.11**
Benzoic Acid						mg/kg	ND		3	-		-	ND		5.8	ND		0.59
Benzyl Alcohol						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
Biphenyl						mg/kg	1.5	J	2.1	-		-	ND		4.1	0.062	J	0.42
Bis(2-chloroethoxy)methane						mg/kg	ND		0.99	-		-	ND		2	ND		0.2
Bis(2-chloroethyl)ether						mg/kg	ND		0.82	-		-	ND		1.6	ND		0.16
Bis(2-chloroisopropyl)ether						mg/kg	ND		1.1	-		-	ND		2.2	ND		0.22
Bis(2-ethylhexyl)phthalate						mg/kg	ND		0.91	-		-	ND		1.8	0.61		0.18
Butyl benzyl phthalate						mg/kg	ND		0.91	-		-	28		1.8	0.43		0.18
Carbazole						mg/kg	3.1		0.91	-		-	ND		1.8	0.69		0.18
Chrysene	1	1	3.9	56	110	mg/kg	**17**		**0.55**	-		-	ND		1.1	**4.2**		**0.11**
Di-n-butylphthalate						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
Di-n-octylphthalate						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	mg/kg	**2.3**		**0.55**	-		-	ND		1.1	**0.7**		**0.11**
Dibenzofuran	7	14	59	350	1000	mg/kg	6.5		0.91	-		-	ND		1.8	0.41		0.18
Diethyl phthalate						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
Dimethyl phthalate						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
Fluoranthene	100	100	100	500	1000	mg/kg	37	E	0.55	45		2.7	0.33	J	1.1	6.5		0.11
Fluorene	30	100	100	500	1000	mg/kg	8.4		0.91	-		-	ND		1.8	0.51		0.18
Hexachlorobenzene	0.33	0.33	1.2	6	12	mg/kg	ND		0.55	-		-	ND		1.1	ND		0.11
Hexachlorobutadiene						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18

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						SAMPLE ID:	**B-12 (3-3.5)**			**B-12 (3-3.5)**			**B-14 (6.5-7)**			**B-16 (3.5-4)**		
						LAB ID:	**L2432804-03**			**L2432804-03 R1**			**L2433160-04**			**L2432804-07**		
						COLLECTION DATE:	**6/11/2024**			**6/11/2024**			**6/12/2024**			**6/11/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
Hexachlorocyclopentadiene						mg/kg	ND		2.6	-		-	ND		5.2	ND		0.52
Hexachloroethane						mg/kg	ND		0.73	-		-	ND		1.4	ND		0.15
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	mg/kg	**8.5**		**0.73**	-		-	ND		1.4	**3.3**		**0.15**
Isophorone						mg/kg	ND		0.82	-		-	ND		1.6	ND		0.16
n-Nitrosodi-n-propylamine						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
Naphthalene	12	100	100	500	1000	mg/kg	**27**		**0.91**	-		-	ND		1.8	0.46		0.18
NDPA/DPA						mg/kg	ND		0.73	-		-	ND		1.4	ND		0.15
Nitrobenzene						mg/kg	ND		0.82	-		-	ND		1.6	ND		0.16
p-Chloro-m-cresol						mg/kg	ND		0.91	-		-	ND		1.8	ND		0.18
Pentachlorophenol	0.8	2.4	6.7	6.7	55	mg/kg	ND		0.73	-		-	ND		1.4	ND		0.15
Phenanthrene	100	100	100	500	1000	mg/kg	38	E	0.55	42		2.7	0.28	J	1.1	3.3		0.11
Phenol	0.33	100	100	500	1000	mg/kg	0.21	J	0.91	-		-	ND		1.8	0.066	J	0.18
Pyrene	100	100	100	500	1000	mg/kg	32		0.55	-		-	0.3	J	1.1	6		0.11
TOTAL METALS																		
Aluminum, Total						mg/kg	2500		8.54	-		-	3500		8.27	4250		8.43
Antimony, Total						mg/kg	0.84	J	4.27	-		-	ND		4.14	10.9		4.22
Arsenic, Total	13	16	16	16	16	mg/kg	**59.3**		**0.854**	-		-	0.64	J	0.827	9.28		0.843
Barium, Total	350	350	400	400	10000	mg/kg	86.9		0.854	-		-	41.7		0.827	249		0.843
Beryllium, Total	7.2	14	72	590	2700	mg/kg	0.298	J	0.427	-		-	0.112	J	0.414	0.286	J	0.422
Cadmium, Total	2.5	2.5	4.3	9.3	60	mg/kg	ND		0.854	-		-	ND		0.827	0.93		0.843
Calcium, Total						mg/kg	6000		8.54	-		-	2030		8.27	4180		8.43
Chromium, Total						mg/kg	7.61		0.854	-		-	25		0.827	23.9		0.843
Cobalt, Total						mg/kg	3.55		1.71	-		-	1.5	J	1.65	4.63		1.69
Copper, Total	50	270	270	270	10000	mg/kg	**54.3**		**0.854**	-		-	8.9		0.827	**118**		**0.843**
Iron, Total						mg/kg	20700		4.27	-		-	3920		4.14	22100		4.22
Lead, Total	63	400	400	1000	3900	mg/kg	**168**		**4.27**	-		-	61.9		4.14	**1,640**		**4.22**
Magnesium, Total						mg/kg	611		8.54	-		-	1170		8.27	1710		8.43
Manganese, Total	1600	2000	2000	10000	10000	mg/kg	117		0.854	-		-	38.8		0.827	162		0.843
Mercury, Total	0.18	0.81	0.81	2.8	5.7	mg/kg	0.103		0.075	-		-	ND		0.069	**0.185**		**0.074**
Nickel, Total	30	140	310	310	10000	mg/kg	13.9		2.13	-		-	6.38		2.07	20.2		2.11
Potassium, Total						mg/kg	362		213	-		-	311		207	555		211
Selenium, Total	3.9	36	180	1500	6800	mg/kg	0.267	J	1.71	-		-	ND		1.65	0.237	J	1.69
Silver, Total	2	36	180	1500	6800	mg/kg	0.714		0.427	-		-	ND		0.414	0.953		0.422
Sodium, Total						mg/kg	156	J	171	-		-	64.7	J	165	157	J	169
Thallium, Total						mg/kg	0.386	J	1.71	-		-	ND		1.65	0.49	J	1.69
Vanadium, Total						mg/kg	31.9		0.854	-		-	6.53		0.827	43		0.843
Zinc, Total	109	2200	10000	10000	10000	mg/kg	76.5		4.27	-		-	31.8		4.14	**576**		**4.22**
VOLATILE ORGANIC COMPOUNDS (VOCs)																		
1,1,1,2-Tetrachloroethane						mg/kg	ND		3.7	-		-	ND		0.00053	ND		0.00061
1,1,1-Trichloroethane	0.68	100	100	500	1000	mg/kg	ND		3.7	-		-	ND		0.00053	ND		0.00061
1,1,2,2-Tetrachloroethane						mg/kg	ND		3.7	-		-	ND		0.00053	ND		0.00061
1,1,2-Trichloroethane						mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
1,1-Dichloroethane	0.27	19	26	240	480	mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
1,1-Dichloroethene	0.33	100	100	500	1000	mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
1,1-Dichloropropene						mg/kg	ND		3.7	-		-	ND		0.00053	ND		0.00061
1,2,3-Trichlorobenzene						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
1,2,3-Trichloropropane						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
1,2,4,5-Tetramethylbenzene						mg/kg	12	J	15	-		-	ND		0.0021	ND		0.0024
1,2,4-Trichlorobenzene						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
1,2,4-Trimethylbenzene	3.6	47	52	190	380	mg/kg	**27**		**15**	-		-	ND		0.0021	ND		0.0024
1,2-Dibromo-3-chloropropane						mg/kg	ND		22	-		-	ND		0.0032	ND		0.0037
1,2-Dibromoethane						mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
1,2-Dichlorobenzene	1.1	100	100	500	1000	mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
1,2-Dichloroethane	0.02	2.3	3.1	30	60	mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
1,2-Dichloroethene, Total						mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
1,2-Dichloropropane						mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-12 (3-3.5)**			**B-12 (3-3.5)**			**B-14 (6.5-7)**			**B-16 (3.5-4)**		
						LAB ID:	**L2432804-03**			**L2432804-03 R1**			**L2433160-04**			**L2432804-07**		
						COLLECTION DATE:	**6/11/2024**			**6/11/2024**			**6/12/2024**			**6/11/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
1,3,5-Trimethylbenzene	8.4	47	52	190	380	mg/kg	**11**	**J**	**15**	-		-	ND		0.0021	ND		0.0024
1,3-Dichlorobenzene	2.4	17	49	280	560	mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
1,3-Dichloropropane						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
1,3-Dichloropropene, Total						mg/kg	ND		3.7	-		-	ND		0.00053	ND		0.00061
1,4-Dichlorobenzene	1.8	9.8	13	130	250	mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
1,4-Dioxane	0.1	9.8	13	130	250	mg/kg	ND		600	-		-	ND		0.085	ND		0.098
2,2-Dichloropropane						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
2-Butanone	0.12	100	100	500	1000	mg/kg	ND		74	-		-	ND		0.011	ND		0.012
2-Hexanone						mg/kg	ND		74	-		-	ND		0.011	ND		0.012
4-Methyl-2-pentanone						mg/kg	ND		74	-		-	ND		0.011	ND		0.012
Acetone	0.05	100	100	500	1000	mg/kg	ND		74	-		-	ND		0.011	ND		0.012
Acrylonitrile						mg/kg	ND		30	-		-	ND		0.0043	ND		0.0049
Benzene	0.06	2.9	4.8	44	89	mg/kg	ND		3.7	-		-	ND		0.00053	0.00044	J	0.00061
Bromobenzene						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
Bromochloromethane						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
Bromodichloromethane						mg/kg	ND		3.7	-		-	ND		0.00053	ND		0.00061
Bromoform						mg/kg	ND		30	-		-	ND		0.0043	ND		0.0049
Bromomethane						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
Carbon disulfide						mg/kg	ND		74	-		-	ND		0.011	ND		0.012
Carbon tetrachloride	0.76	1.4	2.4	22	44	mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
Chlorobenzene	1.1	100	100	500	1000	mg/kg	ND		3.7	-		-	ND		0.00053	ND		0.00061
Chloroethane						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
Chloroform	0.37	10	49	350	700	mg/kg	ND		11	-		-	ND		0.0016	ND		0.0018
Chloromethane						mg/kg	ND		30	-		-	ND		0.0043	ND		0.0049
cis-1,2-Dichloroethene	0.25	59	100	500	1000	mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
cis-1,3-Dichloropropene						mg/kg	ND		3.7	-		-	ND		0.00053	ND		0.00061
Dibromochloromethane						mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
Dibromomethane						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
Dichlorodifluoromethane						mg/kg	ND		74	-		-	ND		0.011	ND		0.012
Ethyl ether						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
Ethylbenzene	1	30	41	390	780	mg/kg	ND		7.4	-		-	ND		0.0011	0.0004	J	0.0012
Hexachlorobutadiene						mg/kg	ND		30	-		-	ND		0.0043	ND		0.0049
Isopropylbenzene						mg/kg	3.4	J	7.4	-		-	ND		0.0011	0.00059	J	0.0012
Methyl tert butyl ether	0.93	62	100	500	1000	mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
Methylene chloride	0.05	51	100	500	1000	mg/kg	ND		37	-		-	ND		0.0053	ND		0.0061
n-Butylbenzene	12	100	100	500	1000	mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
n-Propylbenzene	3.9	100	100	500	1000	mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
Naphthalene	12	100	100	500	1000	mg/kg	**2,500**	**E**	**30**	**2,300**		**60**	ND		0.0043	ND		0.0049
o-Chlorotoluene						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
o-Xylene						mg/kg	9.2		7.4	-		-	ND		0.0011	0.0012		0.0012
p-Chlorotoluene						mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
p-Diethylbenzene						mg/kg	13	J	15	-		-	ND		0.0021	ND		0.0024
p-Ethyltoluene						mg/kg	7	J	15	-		-	ND		0.0021	ND		0.0024
p-Isopropyltoluene						mg/kg	4.3	J	7.4	-		-	ND		0.0011	ND		0.0012
p/m-Xylene						mg/kg	13	J	15	-		-	ND		0.0021	0.0026		0.0024
sec-Butylbenzene	11	100	100	500	1000	mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
Styrene						mg/kg	6	J	7.4	-		-	ND		0.0011	ND		0.0012
tert-Butylbenzene	5.9	100	100	500	1000	mg/kg	ND		15	-		-	ND		0.0021	ND		0.0024
Tetrachloroethene	1.3	5.5	19	150	300	mg/kg	ND		3.7	-		-	0.00044	J	0.00053	0.00055	J	0.00061
Toluene	0.7	100	100	500	1000	mg/kg	ND		7.4	-		-	ND		0.0011	0.00074	J	0.0012
trans-1,2-Dichloroethene	0.19	100	100	500	1000	mg/kg	ND		11	-		-	ND		0.0016	ND		0.0018
trans-1,3-Dichloropropene						mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
trans-1,4-Dichloro-2-butene						mg/kg	ND		37	-		-	ND		0.0053	ND		0.0061
Trichloroethene	0.47	10	21	200	400	mg/kg	ND		3.7	-		-	ND		0.00053	ND		0.00061

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-12 (3-3.5)**			**B-12 (3-3.5)**			**B-14 (6.5-7)**			**B-16 (3.5-4)**		
						LAB ID:	**L2432804-03**			**L2432804-03 R1**			**L2433160-04**			**L2432804-07**		
						COLLECTION DATE:	**6/11/2024**			**6/11/2024**			**6/12/2024**			**6/11/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
Trichlorofluoromethane						mg/kg	ND		30	-		-	ND		0.0043	ND		0.0049
Vinyl acetate						mg/kg	ND		74	-		-	ND		0.011	ND		0.012
Vinyl chloride	0.02	0.21	0.9	13	27	mg/kg	ND		7.4	-		-	ND		0.0011	ND		0.0012
Xylenes, Total	0.26	100	100	500	1000	mg/kg	**22**	**J**	**7.4**	-		-	ND		0.0011	0.0038		0.0012

NOTES:
ND - Analyte was not detected.
J - Estimated value.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specific criteria.
E - Concentration of analyte exceeds range of calibration curve and/or linear range of instrument.
Q - Sample qualifier.
mg/kg - Milligrams per kilogram.

KEY:

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

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

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-19 (4-4.5)**			**B-25 (3-3.5)**			**B-25 (3-3.5)**		
						LAB ID:	**L2433160-07**			**L2433831-03**			**L2433831-03 R1**		
						COLLECTION DATE:	**6/12/2024**			**6/14/2024**			**6/14/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
GENERAL CHEMISTRY															
Cyanide, Total	27	27	27	27	10000	mg/kg	ND		1.1	ND		1.6	-		-
Solids, Total						%	90.7		0.1	62.9		0.1	-		-
ORGANOCHLORINE PESTICIDES															
4,4'-DDD	0.0033	2.6	13	92	180	mg/kg	ND		0.00166	ND		0.00244	-		-
4,4'-DDE	0.0033	1.8	8.9	62	120	mg/kg	ND		0.00166	ND		0.00244	-		-
4,4'-DDT	0.0033	1.7	7.9	47	94	mg/kg	**0.0046**		**0.00166**	ND		0.00244	-		-
Aldrin	0.005	0.019	0.097	0.68	1.4	mg/kg	ND		0.00166	ND		0.00244	-		-
Alpha-BHC	0.02	0.097	0.48	3.4	6.8	mg/kg	ND		0.000692	ND		0.00102	-		-
Beta-BHC	0.036	0.072	0.36	3	14	mg/kg	ND		0.00166	ND		0.00244	-		-
Chlordane						mg/kg	ND		0.0138	ND		0.0203	-		-
cis-Chlordane	0.094	0.91	4.2	24	47	mg/kg	0.000836	J	0.00208	ND		0.00304	-		-
Delta-BHC	0.04	100	100	500	1000	mg/kg	ND		0.00166	ND		0.00244	-		-
Dieldrin	0.005	0.039	0.2	1.4	2.8	mg/kg	ND		0.00104	ND		0.00152	-		-
Endosulfan I	2.4	4.8	24	200	920	mg/kg	ND		0.00166	ND		0.00244	-		-
Endosulfan II	2.4	4.8	24	200	920	mg/kg	ND		0.00166	ND		0.00244	-		-
Endosulfan sulfate	2.4	4.8	24	200	920	mg/kg	ND		0.000692	ND		0.00102	-		-
Endrin	0.014	2.2	11	89	410	mg/kg	ND		0.000692	ND		0.00102	-		-
Endrin aldehyde						mg/kg	ND		0.00208	ND		0.00304	-		-
Endrin ketone						mg/kg	ND		0.00166	ND		0.00244	-		-
Heptachlor	0.042	0.42	2.1	15	29	mg/kg	ND		0.000831	ND		0.00122	-		-
Heptachlor epoxide						mg/kg	ND		0.00312	ND		0.00457	-		-
Lindane	0.1	0.28	1.3	9.2	23	mg/kg	ND		0.000692	ND		0.00102	-		-
Methoxychlor						mg/kg	ND		0.00312	ND		0.00457	-		-
Toxaphene						mg/kg	ND		0.0312	ND		0.0457	-		-
trans-Chlordane						mg/kg	ND		0.00208	ND		0.00304	-		-
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)															
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)						mg/kg	ND		0.000711	ND		0.000788	-		-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)						mg/kg	ND		0.000711	ND		0.000788	-		-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)						mg/kg	ND		0.000178	ND		0.000197	-		-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)						mg/kg	ND		0.000178	ND		0.000197	-		-
Perfluorobutanesulfonic Acid (PFBS)						mg/kg	ND		0.000178	ND		0.000197	-		-
Perfluorobutanoic Acid (PFBA)						mg/kg	0.000068	J	0.000711	ND		0.000788	-		-
Perfluorodecanesulfonic Acid (PFDS)						mg/kg	ND		0.000178	ND		0.000197	-		-
Perfluorodecanoic Acid (PFDA)						mg/kg	0.000319		0.000178	ND		0.000197	-		-
Perfluorododecanoic Acid (PFDoA)						mg/kg	0.000105	J	0.000178	ND		0.000197	-		-
Perfluoroheptanesulfonic Acid (PFHpS)						mg/kg	ND		0.000178	ND		0.000197	-		-
Perfluoroheptanoic Acid (PFHpA)						mg/kg	0.0001	J	0.000178	ND		0.000197	-		-
Perfluorohexanesulfonic Acid (PFHxS)						mg/kg	ND		0.000178	ND		0.000197	-		-
Perfluorohexanoic Acid (PFHxA)						mg/kg	0.000055	J	0.000178	0.000051	J	0.000197	-		-
Perfluorononanoic Acid (PFNA)						mg/kg	0.000124	J	0.000178	ND		0.000197	-		-
Perfluorooctanesulfonamide (PFOSA)						mg/kg	ND		0.000178	ND		0.000197	-		-
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.0088	0.044	0.440	0.440	mg/kg	0.00037		0.000178	0.00242		0.000197	-		-
Perfluorooctanoic Acid (PFOA)	0.00066	0.0066	0.033	0.500	0.600	mg/kg	0.000204		0.000178	ND		0.000197	-		-
Perfluoropentanoic Acid (PFPeA)						mg/kg	0.000058	J	0.000356	0.000102	J	0.000394	-		-
Perfluorotetradecanoic Acid (PFTeDA)						mg/kg	ND		0.000178	ND		0.000197	-		-
Perfluorotridecanoic Acid (PFTrDA)						mg/kg	0.000063	J	0.000178	ND		0.000197	-		-
Perfluoroundecanoic Acid (PFUnA)						mg/kg	0.000196		0.000178	ND		0.000197	-		-
PFOA/PFOS, Total						mg/kg	0.000574		0.000178	0.00242		0.000197	-		-
POLYCHLORINATED BIPHENYLS (PCBs)															
Aroclor 1016	0.1	1	1	1	25	mg/kg	ND		0.0518	ND		0.0726	-		-
Aroclor 1221	0.1	1	1	1	25	mg/kg	ND		0.0518	ND		0.0726	-		-
Aroclor 1232	0.1	1	1	1	25	mg/kg	ND		0.0518	ND		0.0726	-		-
Aroclor 1242	0.1	1	1	1	25	mg/kg	ND		0.0518	ND		0.0726	-		-
Aroclor 1248	0.1	1	1	1	25	mg/kg	ND		0.0518	ND		0.0726	-		-
Aroclor 1254	0.1	1	1	1	25	mg/kg	0.0127	J	0.0518	ND		0.0726	-		-
Aroclor 1260	0.1	1	1	1	25	mg/kg	0.013	J	0.0518	ND		0.0726	-		-
Aroclor 1262	0.1	1	1	1	25	mg/kg	ND		0.0518	ND		0.0726	-		-
Aroclor 1268	0.1	1	1	1	25	mg/kg	ND		0.0518	ND		0.0726	-		-
PCBs, Total	0.1	1	1	1	25	mg/kg	0.0257	J	0.0518	ND		0.0726	-		-

Table 2.2
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September 2024

						SAMPLE ID:	**B-19 (4-4.5)**			**B-25 (3-3.5)**			**B-25 (3-3.5)**		
						LAB ID:	**L2433160-07**			**L2433831-03**			**L2433831-03 R1**		
						COLLECTION DATE:	**6/12/2024**			**6/14/2024**			**6/14/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)															
1,2,4,5-Tetrachlorobenzene						mg/kg	ND		0.18	ND		0.26	-		-
1,2,4-Trichlorobenzene						mg/kg	ND		0.18	ND		0.26	-		-
1,2-Dichlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.18	ND		0.26	-		-
1,3-Dichlorobenzene	2.4	17	49	280	560	mg/kg	ND		0.18	ND		0.26	-		-
1,4-Dichlorobenzene	1.8	9.8	13	130	250	mg/kg	ND		0.18	ND		0.26	-		-
1,4-Dioxane	0.1	9.8	13	130	250	mg/kg	ND		0.027	ND		0.039	-		-
2,4,5-Trichlorophenol						mg/kg	ND		0.18	ND		0.26	-		-
2,4,6-Trichlorophenol						mg/kg	ND		0.11	ND		0.16	-		-
2,4-Dichlorophenol						mg/kg	ND		0.16	ND		0.23	-		-
2,4-Dimethylphenol						mg/kg	ND		0.18	ND		0.26	-		-
2,4-Dinitrophenol						mg/kg	ND		0.86	ND		1.2	-		-
2,4-Dinitrotoluene						mg/kg	ND		0.18	ND		0.26	-		-
2,6-Dinitrotoluene						mg/kg	ND		0.18	ND		0.26	-		-
2-Chloronaphthalene						mg/kg	ND		0.18	ND		0.26	-		-
2-Chlorophenol						mg/kg	ND		0.18	ND		0.26	-		-
2-Methylnaphthalene						mg/kg	0.055	J	0.21	12	E	0.31	14		3.1
2-Methylphenol	0.33	100	100	500	1000	mg/kg	ND		0.18	0.057	J	0.26	-		-
2-Nitroaniline						mg/kg	ND		0.18	ND		0.26	-		-
2-Nitrophenol						mg/kg	ND		0.38	ND		0.56	-		-
3,3'-Dichlorobenzidine						mg/kg	ND		0.18	ND		0.26	-		-
3-Methylphenol/4-Methylphenol	0.33	34	100	500	1000	mg/kg	ND		0.26	0.047	J	0.37	-		-
3-Nitroaniline						mg/kg	ND		0.18	ND		0.26	-		-
4,6-Dinitro-o-cresol						mg/kg	ND		0.46	ND		0.67	-		-
4-Bromophenyl phenyl ether						mg/kg	ND		0.18	ND		0.26	-		-
4-Chloroaniline						mg/kg	ND		0.18	ND		0.26	-		-
4-Chlorophenyl phenyl ether						mg/kg	ND		0.18	ND		0.26	-		-
4-Nitroaniline						mg/kg	ND		0.18	ND		0.26	-		-
4-Nitrophenol						mg/kg	ND		0.25	ND		0.36	-		-
Acenaphthene	20	100	100	500	1000	mg/kg	0.11	J	0.14	11	E	0.21	14		2.1
Acenaphthylene	100	100	100	500	1000	mg/kg	0.69		0.14	2.1		0.21	-		-
Acetophenone						mg/kg	ND		0.18	ND		0.26	-		-
Anthracene	100	100	100	500	1000	mg/kg	0.78		0.11	22	E	0.16	31		1.6
Benzo(a)anthracene	1	1	1	5.6	11	mg/kg	**2.1**		**0.11**	**19**	**E**	**0.16**	**25**		**1.6**
Benzo(a)pyrene	1	1	1	1	1.1	mg/kg	**1.7**		**0.14**	**12**	**E**	**0.21**	**18**		**2.1**
Benzo(b)fluoranthene	1	1	1	5.6	11	mg/kg	**2.2**		**0.11**	**12**	**E**	**0.16**	**19**		**1.6**
Benzo(ghi)perylene	100	100	100	500	1000	mg/kg	1		0.14	5.9		0.21	-		-
Benzo(k)fluoranthene	0.8	1	3.9	56	110	mg/kg	**0.82**		**0.11**	**3**		**0.16**	-		-
Benzoic Acid						mg/kg	ND		0.58	ND		0.84	-		-
Benzyl Alcohol						mg/kg	ND		0.18	0.4		0.26	-		-
Biphenyl						mg/kg	ND		0.41	2.3		0.59	-		-
Bis(2-chloroethoxy)methane						mg/kg	ND		0.19	ND		0.28	-		-
Bis(2-chloroethyl)ether						mg/kg	ND		0.16	ND		0.23	-		-
Bis(2-chloroisopropyl)ether						mg/kg	ND		0.21	ND		0.31	-		-
Bis(2-ethylhexyl)phthalate						mg/kg	ND		0.18	ND		0.26	-		-
Butyl benzyl phthalate						mg/kg	ND		0.18	ND		0.26	-		-
Carbazole						mg/kg	0.098	J	0.18	4.2		0.26	-		-
Chrysene	1	1	3.9	56	110	mg/kg	**1.9**		**0.11**	**17**	**E**	**0.16**	**23**		**1.6**
Di-n-butylphthalate						mg/kg	ND		0.18	ND		0.26	-		-
Di-n-octylphthalate						mg/kg	ND		0.18	ND		0.26	-		-
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	mg/kg	0.25		0.11	**1.7**		**0.16**	-		-
Dibenzofuran	7	14	59	350	1000	mg/kg	0.083	J	0.18	**8.5**		**0.26**	-		-
Diethyl phthalate						mg/kg	ND		0.18	ND		0.26	-		-
Dimethyl phthalate						mg/kg	ND		0.18	ND		0.26	-		-
Fluoranthene	100	100	100	500	1000	mg/kg	2.8		0.11	29	E	0.16	45		1.6
Fluorene	30	100	100	500	1000	mg/kg	0.19		0.18	12	E	0.26	15		2.6
Hexachlorobenzene	0.33	0.33	1.2	6	12	mg/kg	ND		0.11	ND		0.16	-		-
Hexachlorobutadiene						mg/kg	ND		0.18	ND		0.26	-		-

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-19 (4-4.5)**			**B-25 (3-3.5)**			**B-25 (3-3.5)**		
						LAB ID:	**L2433160-07**			**L2433831-03**			**L2433831-03 R1**		
						COLLECTION DATE:	**6/12/2024**			**6/14/2024**			**6/14/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
Hexachlorocyclopentadiene						mg/kg	ND		0.51	ND		0.74	-		-
Hexachloroethane						mg/kg	ND		0.14	ND		0.21	-		-
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	mg/kg	**1**		**0.14**	**5.6**		**0.21**	-		-
Isophorone						mg/kg	ND		0.16	ND		0.23	-		-
n-Nitrosodi-n-propylamine						mg/kg	ND		0.18	ND		0.26	-		-
Naphthalene	12	100	100	500	1000	mg/kg	0.074	J	0.18	11	E	0.26	**15**		**2.6**
NDPA/DPA						mg/kg	ND		0.14	ND		0.21	-		-
Nitrobenzene						mg/kg	ND		0.16	ND		0.23	-		-
p-Chloro-m-cresol						mg/kg	ND		0.18	ND		0.26	-		-
Pentachlorophenol	0.8	2.4	6.7	6.7	55	mg/kg	ND		0.14	ND		0.21	-		-
Phenanthrene	100	100	100	500	1000	mg/kg	1.6		0.11	33	E	0.16	55		1.6
Phenol	0.33	100	100	500	1000	mg/kg	0.037	J	0.18	ND		0.26	-		-
Pyrene	100	100	100	500	1000	mg/kg	2.4		0.11	33	E	0.16	50		1.6
TOTAL METALS															
Aluminum, Total						mg/kg	10700		8.57	10900		12.4	-		-
Antimony, Total						mg/kg	ND		4.28	0.487	J	6.18	-		-
Arsenic, Total	13	16	16	16	16	mg/kg	5.22		0.857	7.12		1.24	-		-
Barium, Total	350	350	400	400	10000	mg/kg	79.1		0.857	**387**		**1.24**	-		-
Beryllium, Total	7.2	14	72	590	2700	mg/kg	0.33	J	0.428	0.441	J	0.618	-		-
Cadmium, Total	2.5	2.5	4.3	9.3	60	mg/kg	ND		0.857	0.682	J	1.24	-		-
Calcium, Total						mg/kg	5830		8.57	4790		12.4	-		-
Chromium, Total						mg/kg	25.8		0.857	28.3		1.24	-		-
Cobalt, Total						mg/kg	7.91		1.71	8.36		2.47	-		-
Copper, Total	50	270	270	270	10000	mg/kg	**54.8**		**0.857**	**69**		**1.24**	-		-
Iron, Total						mg/kg	20000		4.28	20200		6.18	-		-
Lead, Total	63	400	400	1000	3900	mg/kg	**69.8**		**4.28**	**365**		**6.18**	-		-
Magnesium, Total						mg/kg	5450		8.57	4830		12.4	-		-
Manganese, Total	1600	2000	2000	10000	10000	mg/kg	219		0.857	292		1.24	-		-
Mercury, Total	0.18	0.81	0.81	2.8	5.7	mg/kg	**0.261**		**0.07**	**0.259**		**0.104**	-		-
Nickel, Total	30	140	310	310	10000	mg/kg	17.2		2.14	21.3		3.09	-		-
Potassium, Total						mg/kg	1730		214	2040		309	-		-
Selenium, Total	3.9	36	180	1500	6800	mg/kg	ND		1.71	0.491	J	2.47	-		-
Silver, Total	2	36	180	1500	6800	mg/kg	0.471		0.428	0.388	J	0.618	-		-
Sodium, Total						mg/kg	103	J	171	112	J	247	-		-
Thallium, Total						mg/kg	0.752	J	1.71	0.729	J	2.47	-		-
Vanadium, Total						mg/kg	36.8		0.857	34.8		1.24	-		-
Zinc, Total	109	2200	10000	10000	10000	mg/kg	79.1		4.28	**694**		**6.18**	-		-
VOLATILE ORGANIC COMPOUNDS (VOCs)															
1,1,1,2-Tetrachloroethane						mg/kg	ND		0.00048	ND		0.00091	-		-
1,1,1-Trichloroethane	0.68	100	100	500	1000	mg/kg	ND		0.00048	ND		0.00091	-		-
1,1,2,2-Tetrachloroethane						mg/kg	ND		0.00048	ND		0.00091	-		-
1,1,2-Trichloroethane						mg/kg	ND		0.00097	ND		0.0018	-		-
1,1-Dichloroethane	0.27	19	26	240	480	mg/kg	ND		0.00097	ND		0.0018	-		-
1,1-Dichloroethene	0.33	100	100	500	1000	mg/kg	ND		0.00097	ND		0.0018	-		-
1,1-Dichloropropene						mg/kg	ND		0.00048	ND		0.00091	-		-
1,2,3-Trichlorobenzene						mg/kg	ND		0.0019	ND		0.0036	-		-
1,2,3-Trichloropropane						mg/kg	ND		0.0019	ND		0.0036	-		-
1,2,4,5-Tetramethylbenzene						mg/kg	ND		0.0019	0.00047	J	0.0036	-		-
1,2,4-Trichlorobenzene						mg/kg	ND		0.0019	ND		0.0036	-		-
1,2,4-Trimethylbenzene	3.6	47	52	190	380	mg/kg	ND		0.0019	ND		0.0036	-		-
1,2-Dibromo-3-chloropropane						mg/kg	ND		0.0029	ND		0.0055	-		-
1,2-Dibromoethane						mg/kg	ND		0.00097	ND		0.0018	-		-
1,2-Dichlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.0019	ND		0.0036	-		-
1,2-Dichloroethane	0.02	2.3	3.1	30	60	mg/kg	ND		0.00097	ND		0.0018	-		-
1,2-Dichloroethene, Total						mg/kg	ND		0.00097	ND		0.0018	-		-
1,2-Dichloropropane						mg/kg	ND		0.00097	ND		0.0018	-		-

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	B-19 (4-4.5)			B-25 (3-3.5)			B-25 (3-3.5)		
						LAB ID:	L2433160-07			L2433831-03			L2433831-03 R1		
						COLLECTION DATE:	6/12/2024			6/14/2024			6/14/2024		
						SAMPLE MATRIX:	SOIL			SOIL			SOIL		
	USCO	RSCO	RRSCO	CSCO	ISCO	Units	Results	Q	RL	Results	Q	RL	Results	Q	RL
1,3,5-Trimethylbenzene	8.4	47	52	190	380	mg/kg	ND		0.0019	ND		0.0036	-		-
1,3-Dichlorobenzene	2.4	17	49	280	560	mg/kg	ND		0.0019	0.00042	J	0.0036	-		-
1,3-Dichloropropane						mg/kg	ND		0.0019	ND		0.0036	-		-
1,3-Dichloropropene, Total						mg/kg	ND		0.00048	ND		0.00091	-		-
1,4-Dichlorobenzene	1.8	9.8	13	130	250	mg/kg	ND		0.0019	0.0014	J	0.0036	-		-
1,4-Dioxane	0.1	9.8	13	130	250	mg/kg	ND		0.078	ND		0.15	-		-
2,2-Dichloropropane						mg/kg	ND		0.0019	ND		0.0036	-		-
2-Butanone	0.12	100	100	500	1000	mg/kg	ND		0.0097	ND		0.018	-		-
2-Hexanone						mg/kg	ND		0.0097	ND		0.018	-		-
4-Methyl-2-pentanone						mg/kg	ND		0.0097	ND		0.018	-		-
Acetone	0.05	100	100	500	1000	mg/kg	0.0053	J	0.0097	ND		0.018	-		-
Acrylonitrile						mg/kg	ND		0.0039	ND		0.0073	-		-
Benzene	0.06	2.9	4.8	44	89	mg/kg	ND		0.00048	ND		0.00091	-		-
Bromobenzene						mg/kg	ND		0.0019	ND		0.0036	-		-
Bromochloromethane						mg/kg	ND		0.0019	ND		0.0036	-		-
Bromodichloromethane						mg/kg	ND		0.00048	ND		0.00091	-		-
Bromoform						mg/kg	ND		0.0039	ND		0.0073	-		-
Bromomethane						mg/kg	ND		0.0019	ND		0.0036	-		-
Carbon disulfide						mg/kg	ND		0.0097	ND		0.018	-		-
Carbon tetrachloride	0.76	1.4	2.4	22	44	mg/kg	ND		0.00097	ND		0.0018	-		-
Chlorobenzene	1.1	100	100	500	1000	mg/kg	ND		0.00048	ND		0.00091	-		-
Chloroethane						mg/kg	ND		0.0019	ND		0.0036	-		-
Chloroform	0.37	10	49	350	700	mg/kg	ND		0.0014	ND		0.0027	-		-
Chloromethane						mg/kg	ND		0.0039	ND		0.0073	-		-
cis-1,2-Dichloroethene	0.25	59	100	500	1000	mg/kg	ND		0.00097	ND		0.0018	-		-
cis-1,3-Dichloropropene						mg/kg	ND		0.00048	ND		0.00091	-		-
Dibromochloromethane						mg/kg	ND		0.00097	ND		0.0018	-		-
Dibromomethane						mg/kg	ND		0.0019	ND		0.0036	-		-
Dichlorodifluoromethane						mg/kg	ND		0.0097	ND		0.018	-		-
Ethyl ether						mg/kg	ND		0.0019	ND		0.0036	-		-
Ethylbenzene	1	30	41	390	780	mg/kg	ND		0.00097	ND		0.0018	-		-
Hexachlorobutadiene						mg/kg	ND		0.0039	ND		0.0073	-		-
Isopropylbenzene						mg/kg	ND		0.00097	ND		0.0018	-		-
Methyl tert butyl ether	0.93	62	100	500	1000	mg/kg	ND		0.0019	0.0011	J	0.0036	-		-
Methylene chloride	0.05	51	100	500	1000	mg/kg	ND		0.0048	ND		0.0091	-		-
n-Butylbenzene	12	100	100	500	1000	mg/kg	ND		0.00097	ND		0.0018	-		-
n-Propylbenzene	3.9	100	100	500	1000	mg/kg	ND		0.00097	ND		0.0018	-		-
Naphthalene	12	100	100	500	1000	mg/kg	ND		0.0039	0.022		0.0073	-		-
o-Chlorotoluene						mg/kg	ND		0.0019	ND		0.0036	-		-
o-Xylene						mg/kg	ND		0.00097	ND		0.0018	-		-
p-Chlorotoluene						mg/kg	ND		0.0019	ND		0.0036	-		-
p-Diethylbenzene						mg/kg	ND		0.0019	0.00065	J	0.0036	-		-
p-Ethyltoluene						mg/kg	ND		0.0019	ND		0.0036	-		-
p-Isopropyltoluene						mg/kg	ND		0.00097	0.0011	J	0.0018	-		-
p/m-Xylene						mg/kg	ND		0.0019	ND		0.0036	-		-
sec-Butylbenzene	11	100	100	500	1000	mg/kg	ND		0.00097	ND		0.0018	-		-
Styrene						mg/kg	ND		0.00097	ND		0.0018	-		-
tert-Butylbenzene	5.9	100	100	500	1000	mg/kg	ND		0.0019	ND		0.0036	-		-
Tetrachloroethene	1.3	5.5	19	150	300	mg/kg	ND		0.00048	ND		0.00091	-		-
Toluene	0.7	100	100	500	1000	mg/kg	ND		0.00097	ND		0.0018	-		-
trans-1,2-Dichloroethene	0.19	100	100	500	1000	mg/kg	ND		0.0014	ND		0.0027	-		-
trans-1,3-Dichloropropene						mg/kg	ND		0.00097	ND		0.0018	-		-
trans-1,4-Dichloro-2-butene						mg/kg	ND		0.0048	ND		0.0091	-		-
Trichloroethene	0.47	10	21	200	400	mg/kg	ND		0.00048	ND		0.00091	-		-

Table 2.2
Summary of Soil Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

						SAMPLE ID:	**B-19 (4-4.5)**			**B-25 (3-3.5)**			**B-25 (3-3.5)**		
						LAB ID:	**L2433160-07**			**L2433831-03**			**L2433831-03 R1**		
						COLLECTION DATE:	**6/12/2024**			**6/14/2024**			**6/14/2024**		
						SAMPLE MATRIX:	**SOIL**			**SOIL**			**SOIL**		
	USCO	**RSCO**	**RRSCO**	**CSCO**	**ISCO**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
Trichlorofluoromethane						mg/kg	ND		0.0039	ND		0.0073	-		-
Vinyl acetate						mg/kg	ND		0.0097	ND		0.018	-		-
Vinyl chloride	0.02	0.21	0.9	13	27	mg/kg	ND		0.00097	ND		0.0018	-		-
Xylenes, Total	0.26	100	100	500	1000	mg/kg	ND		0.00097	ND		0.0018	-		-

NOTES:
ND - Analyte was not detected.
J - Estimated value.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specific criteria.
E - Concentration of analyte exceeds range of calibration curve and/or linear range of instrument.
Q - Sample qualifier.
mg/kg - Milligrams per kilogram.

KEY:

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

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

Table 2.4
Summary of Groundwater Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

SAMPLE ID:			TWP-1			TWP-2			TB20240612			TWP-1			TWP-2			TB20240614		
LAB ID:			L2433160-01			L2433160-02			L2433160-03			L2433831-11			L2433831-12			L2433831-13		
COLLECTION DATE:			6/12/2024			6/12/2024			6/10/2024			6/14/2024			6/14/2024			6/14/2024		
SAMPLE MATRIX:			GROUNDWATER			GROUNDWATER			TRIP BLANK			GROUNDWATER			GROUNDWATER			TRIP BLANK		
ANALYTE	**NY-AWQS**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
GENERAL CHEMISTRY																				
Cyanide, Total	200	ug/l	ND		5	3	J	5	-		-	-		-	-		-	-		-
ORGANOCHLORINE PESTICIDES																				
4,4'-DDD	0.3	ug/l	ND		0.029	ND		0.029	-		-	-		-	-		-	-		-
4,4'-DDE	0.2	ug/l	ND		0.029	ND		0.029	-		-	-		-	-		-	-		-
4,4'-DDT	0.2	ug/l	ND		0.029	ND		0.029	-		-	-		-	-		-	-		-
Aldrin	0	ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
Alpha-BHC	0.01	ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
Beta-BHC	0.04	ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
Chlordane	0.05	ug/l	ND		0.143	ND		0.143	-		-	-		-	-		-	-		-
cis-Chlordane		ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
Delta-BHC	0.04	ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
Dieldrin	0.004	ug/l	ND		0.029	ND		0.029	-		-	-		-	-		-	-		-
Endosulfan I		ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
Endosulfan II		ug/l	ND		0.029	ND		0.029	-		-	-		-	-		-	-		-
Endosulfan sulfate		ug/l	ND		0.029	ND		0.029	-		-	-		-	-		-	-		-
Endrin	0	ug/l	ND		0.029	ND		0.029	-		-	-		-	-		-	-		-
Endrin aldehyde	5	ug/l	ND		0.029	ND		0.029	-		-	-		-	-		-	-		-
Endrin ketone	5	ug/l	ND		0.029	ND		0.029	-		-	-		-	-		-	-		-
Heptachlor	0.04	ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
Heptachlor epoxide	0.03	ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
Lindane	0.05	ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
Methoxychlor	35	ug/l	ND		0.143	ND		0.143	-		-	-		-	-		-	-		-
Toxaphene	0.06	ug/l	ND		0.143	ND		0.143	-		-	-		-	-		-	-		-
trans-Chlordane		ug/l	ND		0.014	ND		0.014	-		-	-		-	-		-	-		-
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)																				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)		ug/l	-		-	-		-	-		-	ND		0.00752	ND		0.00555	-		-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)		ug/l	-		-	-		-	-		-	ND		0.00752	ND		0.00555	-		-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)		ug/l	-		-	-		-	-		-	ND		0.00188	ND		0.00139	-		-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)		ug/l	-		-	-		-	-		-	ND		0.00188	ND		0.00139	-		-
Perfluorobutanesulfonic Acid (PFBS)		ug/l	-		-	-		-	-		-	0.0246		0.00188	0.0233		0.00139	-		-
Perfluorobutanoic Acid (PFBA)		ug/l	-		-	-		-	-		-	0.0177		0.00752	0.0122		0.00555	-		-
Perfluorodecanesulfonic Acid (PFDS)		ug/l	-		-	-		-	-		-	ND		0.00188	ND		0.00139	-		-
Perfluorodecanoic Acid (PFDA)		ug/l	-		-	-		-	-		-	0.00122	JF	0.00188	0.00135	J	0.00139	-		-
Perfluorododecanoic Acid (PFDoA)		ug/l	-		-	-		-	-		-	ND		0.00188	ND		0.00139	-		-
Perfluoroheptanesulfonic Acid (PFHpS)		ug/l	-		-	-		-	-		-	ND		0.00188	0.000479	J	0.00139	-		-
Perfluoroheptanoic Acid (PFHpA)		ug/l	-		-	-		-	-		-	0.0085		0.00188	0.0049		0.00139	-		-
Perfluorohexanesulfonic Acid (PFHxS)		ug/l	-		-	-		-	-		-	0.00407		0.00188	0.00302		0.00139	-		-
Perfluorohexanoic Acid (PFHxA)		ug/l	-		-	-		-	-		-	0.00895		0.00188	0.00703		0.00139	-		-
Perfluorononanoic Acid (PFNA)		ug/l	-		-	-		-	-		-	0.00274		0.00188	0.00197		0.00139	-		-
Perfluorooctanesulfonamide (PFOSA)		ug/l	-		-	-		-	-		-	ND		0.00188	ND		0.00139	-		-
Perfluorooctanesulfonic Acid (PFOS)	0.0027	ug/l	-		-	-		-	-		-	**0.024**		**0.00188**	**0.023**		**0.00139**	-		-
Perfluorooctanoic Acid (PFOA)	0.0067	ug/l	-		-	-		-	-		-	**0.0413**		**0.00188**	**0.019**		**0.00139**	-		-
Perfluoropentanoic Acid (PFPeA)		ug/l	-		-	-		-	-		-	0.0103		0.00376	0.00869		0.00278	-		-
Perfluorotetradecanoic Acid (PFTeDA)		ug/l	-		-	-		-	-		-	ND		0.00188	ND		0.00139	-		-
Perfluorotridecanoic Acid (PFTrDA)		ug/l	-		-	-		-	-		-	ND		0.00188	ND		0.00139	-		-
Perfluoroundecanoic Acid (PFUnA)		ug/l	-		-	-		-	-		-	ND		0.00188	ND		0.00139	-		-
PFOA/PFOS, Total		ug/l	-		-	-		-	-		-	0.0653		0.00188	0.042		0.00139	-		-
POLYCHLORINATED BIPHENYLS (PCBs)																				
Aroclor 1016	0.09	ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
Aroclor 1221	0.09	ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
Aroclor 1232	0.09	ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
Aroclor 1242	0.09	ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
Aroclor 1248	0.09	ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
Aroclor 1254	0.09	ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
Aroclor 1260	0.09	ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
Aroclor 1262	0.09	ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
Aroclor 1268	0.09	ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
PCBs, Total		ug/l	ND		0.071	ND		0.071	-		-	-		-	-		-	-		-
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)																				
1,2,4,5-Tetrachlorobenzene	5	ug/l	ND		10	ND		10	-		-	-		-	-		-	-		-
1,2,4-Trichlorobenzene	5	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-

Table 2.4
Summary of Groundwater Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

	SAMPLE ID:		TWP-1			TWP-2			TB20240612			TWP-1			TWP-2			TB20240614		
	LAB ID:		L2433160-01			L2433160-02			L2433160-03			L2433831-11			L2433831-12			L2433831-13		
	COLLECTION DATE:		6/12/2024			6/12/2024			6/10/2024			6/14/2024			6/14/2024			6/14/2024		
	SAMPLE MATRIX:		GROUNDWATER			GROUNDWATER			TRIP BLANK			GROUNDWATER			GROUNDWATER			TRIP BLANK		
ANALYTE	NY-AWQS	Units	Results	Q	RL	Results	Q	RL	Results	Q	RL	Results	Q	RL	Results	Q	RL	Results	Q	RL
1,2-Dichlorobenzene	3	ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
1,3-Dichlorobenzene	3	ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
1,4-Dichlorobenzene	3	ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
2,4,5-Trichlorophenol		ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
2,4,6-Trichlorophenol		ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
2,4-Dichlorophenol	1	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
2,4-Dimethylphenol	50	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
2,4-Dinitrophenol	10	ug/l	ND		20	ND		20	-		-	-		-	-		-	-		-
2,4-Dinitrotoluene	5	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
2,6-Dinitrotoluene	5	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
2-Chlorophenol		ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
2-Methylphenol		ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
2-Nitroaniline	5	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
2-Nitrophenol		ug/l	ND		10	ND		10	-		-	-		-	-		-	-		-
3,3'-Dichlorobenzidine	5	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
3-Methylphenol/4-Methylphenol		ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
3-Nitroaniline	5	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
4,6-Dinitro-o-cresol		ug/l	ND		10	ND		10	-		-	-		-	-		-	-		-
4-Bromophenyl phenyl ether		ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
4-Chloroaniline	5	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
4-Chlorophenyl phenyl ether		ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
4-Nitroaniline	5	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
4-Nitrophenol		ug/l	ND		10	ND		10	-		-	-		-	-		-	-		-
Acetophenone		ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
Benzoic Acid		ug/l	ND		50	ND		50	-		-	-		-	-		-	-		-
Benzyl Alcohol		ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
Biphenyl		ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
Bis(2-chloroethoxy)methane	5	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
Bis(2-chloroethyl)ether	1	ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
Bis(2-chloroisopropyl)ether	5	ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
Bis(2-ethylhexyl)phthalate	5	ug/l	ND		3	ND		3	-		-	-		-	-		-	-		-
Butyl benzyl phthalate	50	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
Carbazole		ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
Di-n-butylphthalate	50	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
Di-n-octylphthalate	50	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
Dibenzofuran		ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
Diethyl phthalate	50	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
Dimethyl phthalate	50	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
Hexachlorocyclopentadiene	5	ug/l	ND		20	ND		20	-		-	-		-	-		-	-		-
Isophorone	50	ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
n-Nitrosodi-n-propylamine		ug/l	ND		5	ND		5	-		-	-		-	-		-	-		-
NDPA/DPA	50	ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
Nitrobenzene	0.4	ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
p-Chloro-m-cresol		ug/l	ND		2	ND		2	-		-	-		-	-		-	-		-
Phenol	1	ug/l	ND		5	**5**		**5**	-		-	-		-	-		-	-		-
SVOCs by SIM																				
2-Chloronaphthalene	10	ug/l	ND		0.2	ND		0.2	-		-	-		-	-		-	-		-
2-Methylnaphthalene		ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Acenaphthene	20	ug/l	ND		0.1	0.04	J	0.1	-		-	-		-	-		-	-		-
Acenaphthylene		ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Anthracene	50	ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Benzo(a)anthracene	0.002	ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Benzo(a)pyrene	0	ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Benzo(b)fluoranthene	0.002	ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Benzo(ghi)perylene		ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Benzo(k)fluoranthene	0.002	ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Chrysene	0.002	ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Dibenzo(a,h)anthracene		ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Fluoranthene	50	ug/l	0.06	J	0.1	0.05	J	0.1	-		-	-		-	-		-	-		-
Fluorene	50	ug/l	0.05	J	0.1	ND		0.1	-		-	-		-	-		-	-		-
Hexachlorobenzene	0.04	ug/l	ND		0.8	ND		0.8	-		-	-		-	-		-	-		-
Hexachlorobutadiene	0.5	ug/l	ND		0.5	ND		0.5	-		-	-		-	-		-	-		-

Table 2.4
Summary of Groundwater Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

SAMPLE ID:			TWP-1			TWP-2			TB20240612			TWP-1			TWP-2			TB20240614		
LAB ID:			L2433160-01			L2433160-02			L2433160-03			L2433831-11			L2433831-12			L2433831-13		
COLLECTION DATE:			6/12/2024			6/12/2024			6/10/2024			6/14/2024			6/14/2024			6/14/2024		
SAMPLE MATRIX:			GROUNDWATER			GROUNDWATER			TRIP BLANK			GROUNDWATER			GROUNDWATER			TRIP BLANK		
ANALYTE	**NY-AWQS**	**Units**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**	**Results**	**Q**	**RL**
Hexachloroethane	5	ug/l	ND		0.8	ND		0.8	-		-	-		-	-		-	-		-
Indeno(1,2,3-cd)pyrene	0.002	ug/l	ND		0.1	ND		0.1	-		-	-		-	-		-	-		-
Naphthalene	10	ug/l	0.09	J	0.1	0.04	J	0.1	-		-	-		-	-		-	-		-
Pentachlorophenol	1	ug/l	ND		0.8	ND		0.8	-		-	-		-	-		-	-		-
Phenanthrene	50	ug/l	0.13		0.1	ND		0.1	-		-	-		-	-		-	-		-
Pyrene	50	ug/l	ND		0.1	0.05	J	0.1	-		-	-		-	-		-	-		-
TOTAL METALS																				
Aluminum, Total		ug/l	1,310		10	27.3		10	-		-	-		-	-		-	-		-
Antimony, Total	3	ug/l	ND		4	ND		4	-		-	-		-	-		-	-		-
Arsenic, Total	25	ug/l	0.63		0.5	ND		0.5	-		-	-		-	-		-	-		-
Barium, Total	1000	ug/l	236.9		0.5	85.63		0.5	-		-	-		-	-		-	-		-
Beryllium, Total	3	ug/l	ND		0.5	ND		0.5	-		-	-		-	-		-	-		-
Cadmium, Total	5	ug/l	0.12J	J	0.2	ND		0.2	-		-	-		-	-		-	-		-
Calcium, Total		ug/l	120,000		100	128,000		100	-		-	-		-	-		-	-		-
Chromium, Total	50	ug/l	6.21		1	0.59	J	1	-		-	-		-	-		-	-		-
Cobalt, Total		ug/l	4.7		0.5	0.47	J	0.5	-		-	-		-	-		-	-		-
Copper, Total	200	ug/l	9.9		1	0.77	J	1	-		-	-		-	-		-	-		-
Iron, Total	300	ug/l	**3,100**		**50**	53.8		50	-		-	-		-	-		-	-		-
Lead, Total	25	ug/l	2.22		1	ND		1	-		-	-		-	-		-	-		-
Magnesium, Total	35000	ug/l	**41,000**		**70**	**51,500**		**70**	-		-	-		-	-		-	-		-
Manganese, Total	300	ug/l	**706.2**		**1**	44.74		1	-		-	-		-	-		-	-		-
Mercury, Total	0.7	ug/l	ND		0.2	ND		0.2	-		-	-		-	-		-	-		-
Nickel, Total	100	ug/l	6.45		2	1.07	J	2	-		-	-		-	-		-	-		-
Potassium, Total		ug/l	5,490		100	3,830		100	-		-	-		-	-		-	-		-
Selenium, Total	10	ug/l	7.44		5	2.16	J	5	-		-	-		-	-		-	-		-
Silver, Total	50	ug/l	ND		0.4	ND		0.4	-		-	-		-	-		-	-		-
Sodium, Total	20000	ug/l	**26,100**		**100**	**60,800**		**100**	-		-	-		-	-		-	-		-
Thallium, Total	0.5	ug/l	ND		1	ND		1	-		-	-		-	-		-	-		-
Vanadium, Total		ug/l	4.82	J	5	ND		5	-		-	-		-	-		-	-		-
Zinc, Total	2000	ug/l	20.54		10	4.09	J	10	-		-	-		-	-		-	-		-
VOLATILE ORGANIC COMPOUNDS (VOCs)																				
1,1,1,2-Tetrachloroethane	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,1,1-Trichloroethane	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,1,2,2-Tetrachloroethane	5	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
1,1,2-Trichloroethane	1	ug/l	ND		1.5	ND		1.5	ND		1.5	-		-	-		-	ND		1.5
1,1-Dichloroethane	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,1-Dichloroethene	5	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
1,1-Dichloropropene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,2,3-Trichlorobenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,2,3-Trichloropropane	0.04	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,2,4,5-Tetramethylbenzene	5	ug/l	ND		2	ND		2	ND		2	-		-	-		-	ND		2
1,2,4-Trichlorobenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,2,4-Trimethylbenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,2-Dibromo-3-chloropropane	0.04	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,2-Dibromoethane	0.0006	ug/l	ND		2	ND		2	ND		2	-		-	-		-	ND		2
1,2-Dichlorobenzene	3	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,2-Dichloroethane	0.6	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
1,2-Dichloroethene, Total		ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,2-Dichloropropane	1	ug/l	ND		1	ND		1	ND		1	-		-	-		-	ND		1
1,3,5-Trimethylbenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,3-Dichlorobenzene	3	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,3-Dichloropropane	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,3-Dichloropropene, Total		ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
1,4-Dichlorobenzene	3	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
1,4-Dioxane		ug/l	ND		250	ND		250	ND		250	-		-	-		-	ND		250
2,2-Dichloropropane	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
2-Butanone	50	ug/l	ND		5	ND		5	ND		5	-		-	-		-	ND		5
2-Hexanone	50	ug/l	ND		5	ND		5	ND		5	-		-	-		-	ND		5
4-Methyl-2-pentanone		ug/l	ND		5	ND		5	ND		5	-		-	-		-	ND		5
Acetone	50	ug/l	ND		5	ND		5	ND		5	-		-	-		-	ND		5
Acrylonitrile	5	ug/l	ND		5	ND		5	ND		5	-		-	-		-	ND		5
Benzene	1	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5

Table 2.4
Summary of Groundwater Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

	SAMPLE ID:		TWP-1			TWP-2			TB20240612			TWP-1			TWP-2			TB20240614		
	LAB ID:		L2433160-01			L2433160-02			L2433160-03			L2433831-11			L2433831-12			L2433831-13		
	COLLECTION DATE:		6/12/2024			6/12/2024			6/10/2024			6/14/2024			6/14/2024			6/14/2024		
	SAMPLE MATRIX:		GROUNDWATER			GROUNDWATER			TRIP BLANK			GROUNDWATER			GROUNDWATER			TRIP BLANK		
ANALYTE	NY-AWQS	Units	Results	Q	RL	Results	Q	RL	Results	Q	RL	Results	Q	RL	Results	Q	RL	Results	Q	RL
Bromobenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Bromochloromethane	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Bromodichloromethane	50	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
Bromoform	50	ug/l	ND		2	ND		2	ND		2	-		-	-		-	ND		2
Bromomethane	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Carbon disulfide	60	ug/l	ND		5	ND		5	ND		5	-		-	-		-	ND		5
Carbon tetrachloride	5	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
Chlorobenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Chloroethane	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Chloroform	7	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Chloromethane		ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
cis-1,2-Dichloroethene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
cis-1,3-Dichloropropene	0.4	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
Dibromochloromethane	50	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
Dibromomethane	5	ug/l	ND		5	ND		5	ND		5	-		-	-		-	ND		5
Dichlorodifluoromethane	5	ug/l	ND		5	ND		5	ND		5	-		-	-		-	ND		5
Ethyl ether		ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Ethylbenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Hexachlorobutadiene	0.5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Isopropylbenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Methyl tert butyl ether	10	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Methylene chloride	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
n-Butylbenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
n-Propylbenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Naphthalene	10	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
o-Chlorotoluene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
o-Xylene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
p-Chlorotoluene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
p-Diethylbenzene		ug/l	ND		2	ND		2	ND		2	-		-	-		-	ND		2
p-Ethyltoluene		ug/l	ND		2	ND		2	ND		2	-		-	-		-	ND		2
p-Isopropyltoluene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
p/m-Xylene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
sec-Butylbenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Styrene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
tert-Butylbenzene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Tetrachloroethene	5	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
Toluene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
trans-1,2-Dichloroethene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
trans-1,3-Dichloropropene	0.4	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
trans-1,4-Dichloro-2-butene	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Trichloroethene	5	ug/l	ND		0.5	ND		0.5	ND		0.5	-		-	-		-	ND		0.5
Trichlorofluoromethane	5	ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5
Vinyl acetate		ug/l	ND		5	ND		5	ND		5	-		-	-		-	ND		5
Vinyl chloride	2	ug/l	ND		1	ND		1	ND		1	-		-	-		-	ND		1
Xylenes, Total		ug/l	ND		2.5	ND		2.5	ND		2.5	-		-	-		-	ND		2.5

NOTES:
ND - Analyte was not detected.
J - Estimated value.
Q - Sample qualifier.
µg/l - Micrograms per liter.
NY-AWQS - New York TOGS 1.1.1 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

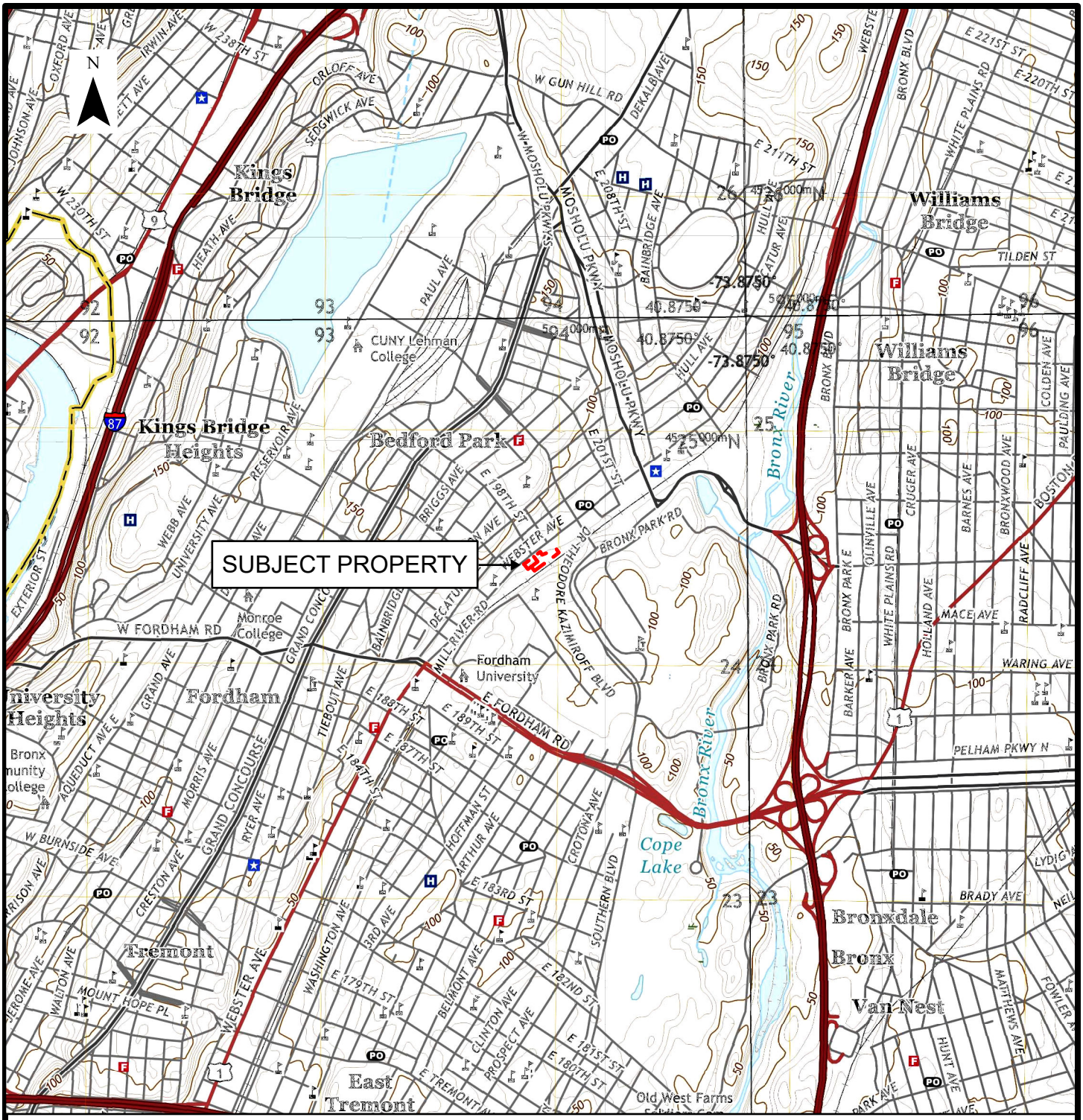
KEY:
Result Exceeds NY-AWQS.

Table 2.6
Summary of Soil Vapor Analytical Results
2752 Webster Avenue
Bronx, NY
SESI Project 13581A
September 2024

SAMPLE ID:							SV-1		SV-3		SV-2	
SAMPLING DATE:							6/12/2024		6/12/2024		6/12/2024	
	NY-SSC-A	NY-SSC-B	NY-SSC-C	NY-SSC-D	NY-SSC-E	NY-SSC-F	Results	RL	Results	RL	Results	RL
VOCs (ug/m^3)												
1,1,1-Trichloroethane		100					4.42	2.18	22	3.21	ND	3.9
1,2,4-Trimethylbenzene				60			**629**	1.97	**846**	2.89	**1,140**	3.51
1,3,5-Trimethylbenzene				60			**263**	1.97	**353**	2.89	**487**	3.51
1,3-Butadiene							ND	0.885	4.51	1.3	ND	1.58
2,2,4-Trimethylpentane				60			3.49	1.87	8.69	2.75	ND	3.33
2-Butanone							6.02	2.95	16.9	4.34	27.5	5.25
4-Ethyltoluene							245	1.97	353	2.89	469	3.51
4-Methyl-2-pentanone							ND	4.1	6.68	6.02	13.2	7.29
Acetone							30.6	4.75	62.7	6.98	259	8.48
Benzene				60			1.34	1.28	3.93	1.88	9.97	2.28
Carbon disulfide							5.36	1.25	24.7	1.83	36.1	2.22
Chloroform							ND	1.95	12.6	2.87	ND	3.49
Cyclohexane				60			4.78	1.38	19.1	2.02	21	2.46
Dichlorodifluoromethane							3.07	1.98	8.46	2.91	9.1	3.53
Ethanol							ND	18.8	ND	27.7	52.4	33.5
Ethylbenzene				60			5.43	1.74	12.5	2.55	13.3	3.1
Freon-114							ND	2.8	ND	4.11	15.9	4.99
Heptane					200		2.66	1.64	4.67	2.41	12.7	2.93
Isopropanol							ND	2.46	19.4	3.61	17.7	4.38
n-Hexane					200		2.35	1.41	7.44	2.07	40.9	2.52
Naphthalene				60			36.7	2.1	44	3.08	**74.5**	3.74
o-Xylene				60			25	1.74	48.2	2.55	59.1	3.1
p/m-Xylene					200		24.4	3.47	50.4	5.13	54.7	6.21
Tertiary butyl Alcohol							13.4	3.03	21.7	4.46	80.6	5.4
Tetrachloroethene		100					7.05	2.71	ND	3.99	ND	4.84
Tetrahydrofuran							ND	2.95	7.73	4.34	ND	5.25
Toluene						300	4.22	1.51	10.4	2.22	12.5	2.69
Trichlorofluoromethane							2.33	2.25	33.6	3.3	ND	4.01

Notes:
ug/m^3: Micrograms per cubic meter.
ND: Not detected.
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.

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

2752-2768 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:	10/7/2025
JOB NO:	13581A

Y:\GIS\Project_Numbers\13581\APRX_PROJECT\APRX_Phase1_Prj_No.aprx, 10/7/2025 5:30 PM, 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
- LOT LINES

SCALE: 1" = 100'

0 50 100 200 FEET

2752-2768 WEBSTER AVENUE
BRONX, NEW YORK

SITE PLAN

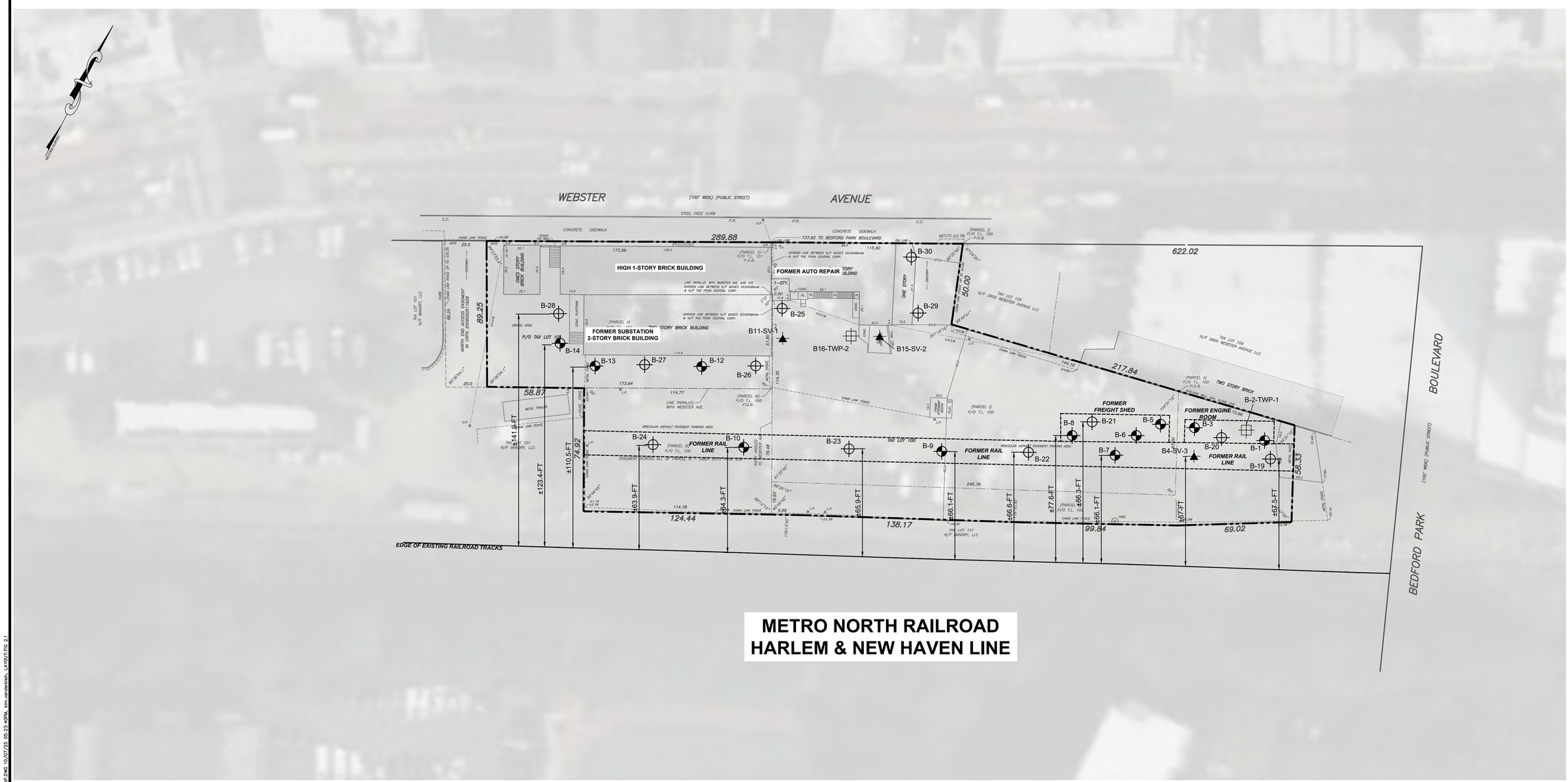
SESI CONSULTING ENGINEERS

GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

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

FIG-1.2	
DRAWN BY:	KBV
CHECKED BY:	CM
SCALE:	AS NOTED
DATE:	10/7/2025
JOB NO.:	13581A

Y:\GIS\Project_Numbers\13581\APRX_PROJECT\APRX_Phase1_Prj_No.aprx, 10/7/2025 5:19 PM, Kim Vanderklein, LAYOUT: FIG-3.2



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.

LEGEND:

- PROPERTY BOUNDARY
- B23 - ENVIRONMENTAL AND GEOTECHNICAL BORING NUMBER & APPROX. LOCATION
- B9 - ENVIRONMENTAL BORING NUMBER & APPROX. LOCATION
- B15-SV-1 - SOIL BORING/SOIL VAPOR NUMBER & APPROX. LOCATION
- B-2-TWP-1 - SOIL BORING/TEMPORARY WELL NUMBER & APPROX. LOCATION

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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N:\VOA0\13581A\CAD\ENVIRONMENTAL\PHASE I&II\13581B\DWG\PHASE I&II SOIL RESULTS MAP.DWG 10/07/25 05:23:40PM kim.vordenbek LAYOUT:FIG 2.1

dwg by: KBV
chk by: AR
scale: AS NOTED
date: 02/28/2025

rev	date	description	by

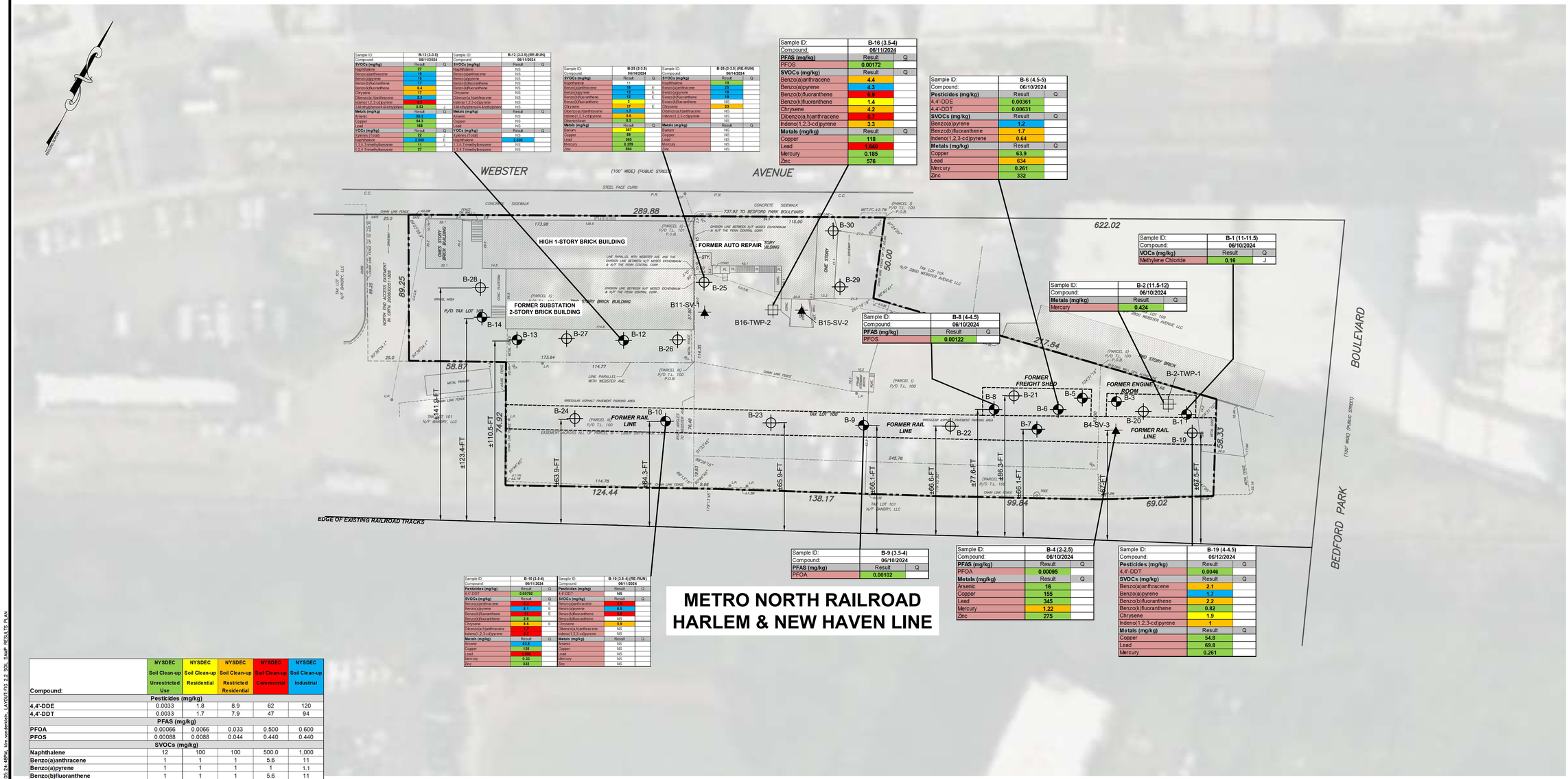
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2752-2768 WEBSTER AVENUE
BRONX, NEW YORK

title: BORING LOCATION PLAN

job no. 13581A
drawing no.

FIG 2.1



Sample ID:	B-12 (3-3.5)		Sample ID:	B-12 (3-3.5) (RE-RUN)	
Compound:	06/11/2024		Compound:	06/11/2024	
SVOCs (mg/kg)	Result	Q	**SVOCs (mg/kg)**	Result	Q
Naphthalene	27		Naphthalene	NS	
Benzo(a)anthracene	19		Benzo(a)anthracene	NS	
Benzo(a)pyrene	15		Benzo(a)pyrene	NS	
Benzo(b)fluoranthene	17		Benzo(b)fluoranthene	NS	
Benzo(k)fluoranthene	6.4		Benzo(k)fluoranthene	NS	
Chrysene	17		Chrysene	NS	
Dibenz(a,h)anthracene	2.7		Dibenz(a,h)anthracene	NS	
Indeno(1,2,3-cd)pyrene	8.5		Indeno(1,2,3-cd)pyrene	NS	
3-Methylphenol/4-Methylphenol	0.53	J	3-Methylphenol/4-Methylphenol	NS	
Metals (mg/kg)	Result	Q	**Metals (mg/kg)**	Result	Q
Arsenic	59.3		Arsenic	NS	
Copper	94.3		Copper	NS	
Lead	168		Lead	NS	
VOCs (mg/kg)	Result	Q	**VOCs (mg/kg)**	Result	Q
Xylenes (Total)	22	J	Xylenes (Total)	NS	
Naphthalene	2,300	E	Naphthalene	2,200	
1,3,5-Trimethylbenzene	11	J	1,3,5-Trimethylbenzene	NS	
1,2,4-Trimethylbenzene	27		1,2,4-Trimethylbenzene	NS	

Sample ID:	B-25 (3-3.5)		Sample ID:	B-25 (3-3.5) (RE-RUN)	
Compound:	06/14/2024		Compound:	06/14/2024	
SVOCs (mg/kg)	Result	Q	**SVOCs (mg/kg)**	Result	Q
Naphthalene	11		Naphthalene	15	
Benzo(a)anthracene	52	E	Benzo(a)anthracene	35	
Benzo(a)pyrene	52	E	Benzo(a)pyrene	18	
Benzo(b)fluoranthene	57	E	Benzo(b)fluoranthene	19	
Benzo(k)fluoranthene	17		Benzo(k)fluoranthene	NS	
Chrysene	49	E	Chrysene	33	
Dibenz(a,h)anthracene	5.4		Dibenz(a,h)anthracene	NS	
Indeno(1,2,3-cd)pyrene	24		Indeno(1,2,3-cd)pyrene	NS	
Dibenzofuran	5.6				
Metals (mg/kg)	Result	Q	**Metals (mg/kg)**	Result	Q
Barium	387		Barium	NS	
Copper	99		Copper	NS	
Lead	369		Lead	NS	
Mercury	0.259		Mercury	NS	
Zinc	694		Zinc	NS	

Sample ID:	B-16 (3.5-4)
Compound:	06/11/2024
PFAS (mg/kg)	Result Q
PFOS	0.00172
SVOCs (mg/kg)	Result Q
Benzo(a)anthracene	4.4
Benzo(a)pyrene	4.3
Benzo(b)fluoranthene	6.9
Benzo(k)fluoranthene	1.4
Chrysene	4.2
Dibenzo(a,h)anthracene	0.7
Indeno(1,2,3-cd)pyrene	3.3
Metals (mg/kg)	Result Q
Copper	119
Lead	1,940
Mercury	0.185
Zinc	576

Sample ID:	B-6 (4.5-5)
Compound:	06/10/2024
Pesticides (mg/kg)	Result Q
4,4'-DDE	0.00361
4,4'-DDT	0.00631
SVOCs (mg/kg)	Result Q
Benzo(a)pyrene	1.2
Benzo(b)fluoranthene	1.7
Indeno(1,2,3-cd)pyrene	0.64
Metals (mg/kg)	Result Q
Copper	63.9
Lead	634
Mercury	0.261
Zinc	332

Sample ID:	B-1 (11-11.5)
Compound:	06/10/2024
VOCs (mg/kg)	Result Q
Methylene Chloride	0.16 J

Sample ID:	B-2 (11.5-12)
Compound:	06/10/2024
Metals (mg/kg)	Result Q
Mercury	0.424

Sample ID:	B-8 (4-4.5)
Compound:	06/10/2024
PFAS (mg/kg)	Result Q
PFOS	0.00122

Sample ID:	B-9 (3.5-4)
Compound:	06/10/2024
PFAS (mg/kg)	Result Q
PFOA	0.00102

Sample ID:	B-4 (2-2.5)
Compound:	06/10/2024
PFAS (mg/kg)	Result Q
PFOA	0.00095
Metals (mg/kg)	Result Q
Arsenic	16
Copper	155
Lead	345
Mercury	1.22
Zinc	275

Sample ID:	B-19 (4-4.5)
Compound:	06/12/2024
Pesticides (mg/kg)	Result Q
4,4'-DDT	0.0046
SVOCs (mg/kg)	Result Q
Benzo(a)anthracene	2.1
Benzo(a)pyrene	1.7
Benzo(b)fluoranthene	2.2
Benzo(k)fluoranthene	0.82
Chrysene	1.9
Indeno(1,2,3-cd)pyrene	1
Metals (mg/kg)	Result Q
Copper	54.8
Lead	69.8
Mercury	0.261

Sample ID:	B-10 (3.5-4)		Sample ID	B-10 (3.5-4) (RE-RUN)	
Compound	06/11/2024		Compound	06/11/2024	
Pesticides (mg/kg)	Result	Q	**Pesticides (mg/kg)**	Result	Q
4,4'-DDT	0.00792		4,4'-DDT	NS	
SVOCs (mg/kg)	Result	Q	**SVOCs (mg/kg)**	Result	Q
Benzo(a)anthracene	8.3	E	Benzo(a)anthracene	11	
Benzo(a)pyrene	8.1	E	Benzo(a)pyrene	6.8	
Benzo(b)fluoranthene	11	E	Benzo(b)fluoranthene	8.6	
Benzo(k)fluoranthene	2.6		Benzo(k)fluoranthene	NS	
Chrysene	8.6	E	Chrysene	8.9	
Dibenz(a,h)anthracene	1.7		Dibenz(a,h)anthracene	NS	
Indeno(1,2,3-cd)pyrene	6.7		Indeno(1,2,3-cd)pyrene	NS	
Metals (mg/kg)	Result	Q	**Metals (mg/kg)**	Result	Q
Arsenic	83.5		Arsenic	NS	
Copper	125		Copper	NS	
Lead	1,080		Lead	NS	
Mercury	0.33		Mercury	NS	
Zinc	332		Zinc	NS	

Compound:	NYSDEC Soil Clean-up Unrestricted Use	NYSDEC Soil Clean-up Residential	NYSDEC Soil Clean-up Restricted Residential	NYSDEC Soil Clean-up Commercial	NYSDEC Soil Clean-up Industrial
Pesticides (mg/kg)					
4,4'-DDE	0.0033	1.8	8.9	62	120
4,4'-DDT	0.0033	1.7	7.9	47	94
PFAS (mg/kg)					
PFOA	0.00066	0.0066	0.033	0.500	0.600
PFOS	0.00088	0.0088	0.044	0.440	0.440
SVOCs (mg/kg)					
Naphthalene	12	100	100	500.0	1,000
Benzo(a)anthracene	1	1	1	5.6	11
Benzo(a)pyrene	1	1	1	1	1.1
Benzo(b)fluoranthene	1	1	1	5.6	11
Benzo(k)fluoranthene	0.8	1	3.9	56	110
Chrysene	1	1	3.9	56	110
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11
Dibenzofuran	7	14	59	350.0	1,000
3-Methylphenol/4-Methylphenol	0.33	34	100	500.0	1,000
VOCs (mg/kg)					
Acetone	0.05	100	100	500.0	1,000
Naphthalene	12	100	100	500.0	1,000
Methylene Chloride	0.05	51	100	500	1,000
1,3,5-Trimethylbenzene	8.4	47	52	190	380
1,2,4-Trimethylbenzene	3.6	47	52	190	380
Metals (mg/kg)					
Arsenic	13	16	16	16	16
Barium	350	350	400	400	10,000
Copper	50	270	270	270	10,000
Lead	63	400	400	1,000	3,900
Mercury	0.18	0.81	0.81	2.8	5.7
Zinc	109	2,200	10,000	10,000	10,000

NOTE:

1. THIS PLAN IS FOR LOCATING BORINGS AND ASSOCIATED DATA ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
2. mg/kg - MILLIGRAMS PER KILOGRAM.
3. PFAS - PER - AND POLYFLUOROALKYL SUBSTANCES.
4. VOCS - VOLATILE ORGANIC COMPOUNDS
5. SVOCS - SEMI-VOLATILE ORGANIC COMPOUNDS
6. NYSDEC- NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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
- B23 - ENVIRONMENTAL AND GEOTECHNICAL BORING NUMBER & APPROX. LOCATION
- B9 - ENVIRONMENTAL BORING NUMBER & APPROX. LOCATION
- B15-SV-1 - SOIL BORING/SOIL VAPOR NUMBER & APPROX. LOCATION
- B-2-TWP-1 - SOIL BORING/TEMPORARY WELL NUMBER & APPROX. LOCATION

Scale: 1"= 30'

0 15 30 60 90 120

NYS Education Law
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dwg by: KBV
chk by: AR
scale: AS NOTED
date: 02/28/2025

rev	date	description	by

2752-2768 WEBSTER AVENUE
BRONX, NEW YORK

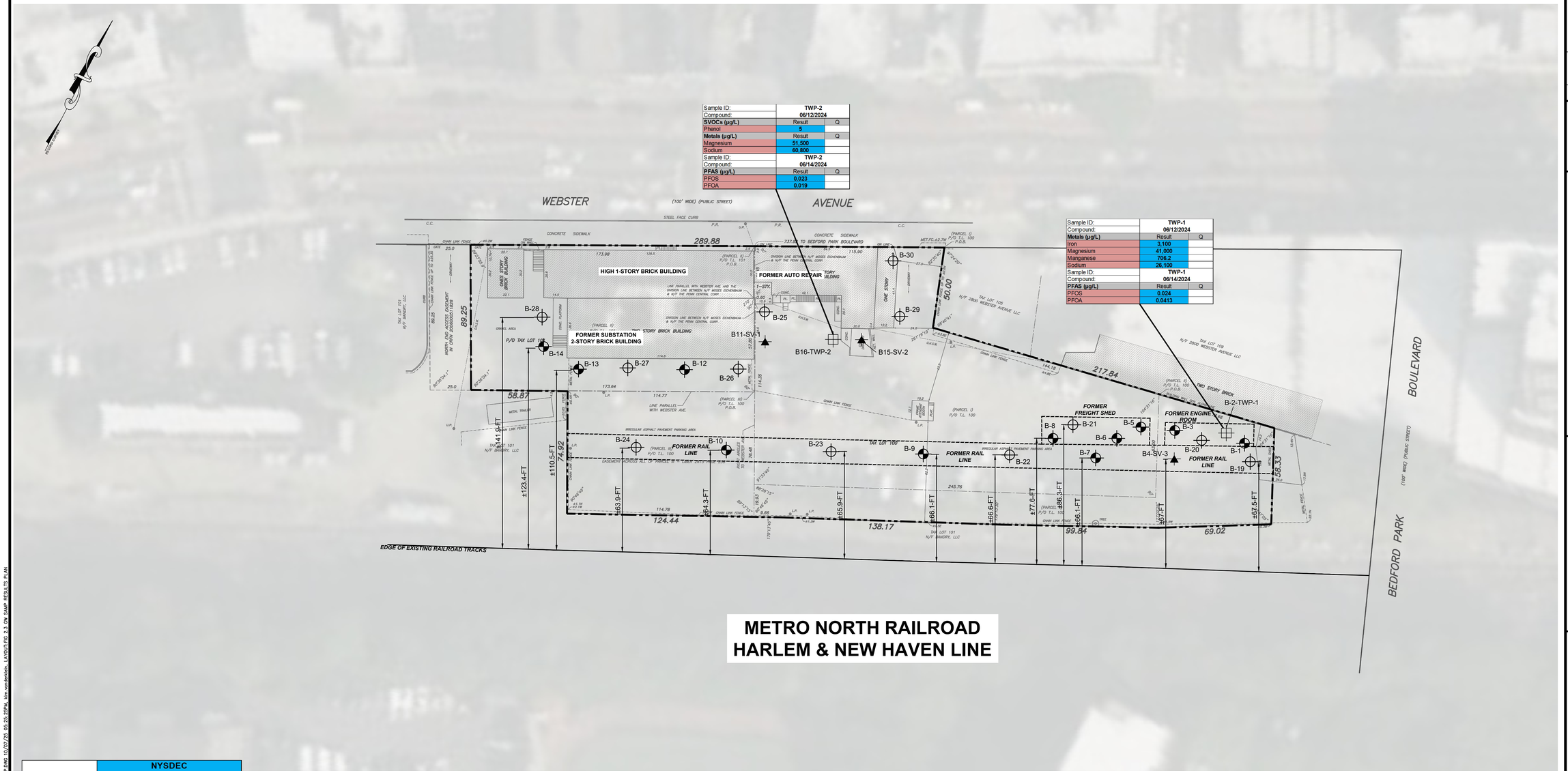
title: SOIL SAMPLE RESULTS PLAN

job no. 13581A
drawing no.

FIG 2.2

1 of 1

N:\CAD\13581A\CAD\ENVIRONMENTAL\PHASE II\13581 SOIL RESULTS MAP.DWG 10/07/25 05:24:48PM kim.vondenken LAYOUT:FIG 2.2 SOIL SAMP RESULTS PLAN



Sample ID:	TWP-2
Compound:	06/12/2024
SVOCs (µg/L)	Result Q
Phenol	5
Metals (µg/L)	Result Q
Magnesium	51,500
Sodium	60,800
Sample ID:	TWP-2
Compound:	06/14/2024
PFAS (µg/L)	Result Q
PFOS	0.023
PFOA	0.019

Sample ID:	TWP-1
Compound:	06/12/2024
Metals (µg/L)	Result Q
Iron	3,100
Magnesium	41,000
Manganese	706.2
Sodium	28,100
Sample ID:	TWP-1
Compound:	06/14/2024
PFAS (µg/L)	Result Q
PFOS	0.024
PFOA	0.0413

Compound:	NYSDEC TOGS AWQS
PFAS (µg/L)	
PFOS	0.0027
PFOA	0.0067
SVOCs (µg/L)	
Phenol	1
Metals (µg/L)	
Iron	300
Magnesium	35,000
Manganese	300
Sodium	20,000

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.

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
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- B15-SV-1 - SOIL BORING/SOIL VAPOR NUMBER & APPROX. LOCATION
- B-2-TWP-1 - SOIL BORING/TEMPORARY WELL NUMBER & APPROX. LOCATION

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: 02/28/2025

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2752-2768 WEBSTER AVENUE
BRONX, NEW YORK

title: GROUNDWATER SAMPLE RESULTS PLAN

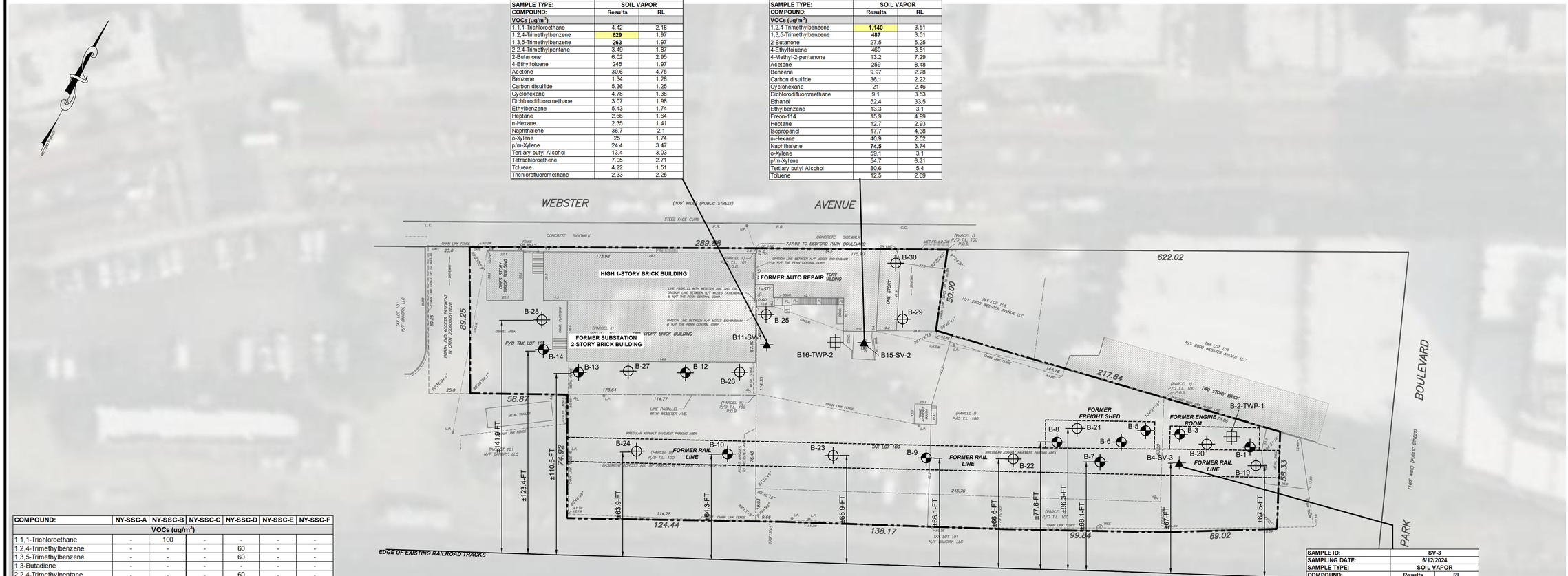
job no. 13581A
drawing no. FIG 2.3

1 of 1

N:\VCAD\13581A\CAD\ENVIRONMENTAL\PHASE II\13581DWG PHASE II SOIL RESULTS MAP.DWG 07/07/25 05:25:25PM, tom.vanderkam, LAYOUT:FIG 2.3 GW SAMP RESULTS PLAN

SAMPLE ID:	SV-1	
SAMPLING DATE:	6/12/2024	
SAMPLE TYPE:	SOIL VAPOR	
COMPOUND:	Results	RL
VOCs (ug/m³)		
1,1,1-Trichloroethane	4.42	2.18
1,2,4-Trimethylbenzene	**629**	1.97
1,3,5-Trimethylbenzene	**263**	1.97
2,2,4-Trimethylpentane	3.49	1.87
2-Butanone	6.02	2.95
4-Ethyltoluene	245	1.97
Acetone	30.6	4.75
Benzene	1.34	1.28
Carbon disulfide	5.36	1.25
Cyclohexane	4.78	1.38
Dichlorodifluoromethane	3.07	1.98
Ethylbenzene	5.43	1.74
Heptane	2.66	1.64
n-Hexane	2.35	1.41
Naphthalene	36.7	2.1
o-Xylene	25	1.74
p/m-Xylene	24.4	3.47
Tertiary butyl Alcohol	13.4	3.03
Tetrachloroethene	7.05	2.71
Toluene	4.22	1.51
Trichlorofluoromethane	2.33	2.25

SAMPLE ID:	SV-2	
SAMPLING DATE:	6/12/2024	
SAMPLE TYPE:	SOIL VAPOR	
COMPOUND:	Results	RL
VOCs (ug/m³)		
1,2,4-Trimethylbenzene	**1,140**	3.51
1,3,5-Trimethylbenzene	**487**	3.51
2-Butanone	27.5	5.25
4-Ethyltoluene	469	3.51
4-Methyl-2-pentanone	13.2	7.29
Acetone	259	8.48
Benzene	9.97	2.28
Carbon disulfide	36.1	2.22
Cyclohexane	21	2.46
Dichlorodifluoromethane	9.1	3.53
Ethanol	52.4	33.5
Ethylbenzene	13.3	3.1
Freon-114	15.9	4.99
Heptane	12.7	2.93
Isopropanol	17.7	4.38
n-Hexane	40.9	2.52
Naphthalene	**74.5**	3.74
o-Xylene	59.1	3.1
p/m-Xylene	54.7	6.21
Tertiary butyl Alcohol	80.6	5.4
Toluene	12.5	2.69



SAMPLE ID:	SV-3	
SAMPLING DATE:	6/12/2024	
SAMPLE TYPE:	SOIL VAPOR	
COMPOUND:	Results	RL
VOCs (ug/m³)		
1,1,1-Trichloroethane	22	3.21
1,2,4-Trimethylbenzene	**846**	2.89
1,3,5-Trimethylbenzene	**353**	2.89
1,3-Butadiene	4.51	1.3
2,2,4-Trimethylpentane	8.69	2.75
2-Butanone	16.9	4.34
4-Ethyltoluene	353	2.89
4-Methyl-2-pentanone	6.68	6.02
Acetone	62.7	6.98
Benzene	3.93	1.88
Carbon disulfide	24.7	1.83
Chloroform	12.6	2.87
Cyclohexane	19.1	2.02
Dichlorodifluoromethane	8.46	2.91
Ethylbenzene	12.5	2.55
Heptane	4.67	2.41
Isopropanol	19.4	3.61
n-Hexane	7.44	2.07
Naphthalene	44	3.08
o-Xylene	48.2	2.55
p/m-Xylene	50.4	5.13
Tertiary butyl Alcohol	21.7	4.46
Tetrahydrofuran	7.73	4.34
Toluene	10.4	2.22
Trichlorofluoromethane	33.6	3.3

COMPOUND:	NY-SSC-A	NY-SSC-B	NY-SSC-C	NY-SSC-D	NY-SSC-E	NY-SSC-F
VOCs (ug/m³)						
1,1,1-Trichloroethane	-	100	-	-	-	-
1,2,4-Trimethylbenzene	-	-	-	60	-	-
1,3,5-Trimethylbenzene	-	-	-	60	-	-
1,3-Butadiene	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	60	-	-
2-Butanone	-	-	-	-	-	-
4-Ethyltoluene	-	-	-	-	-	-
4-Methyl-2-pentanone	-	-	-	-	-	-
Acetone	-	-	-	-	-	-
Benzene	-	-	-	60	-	-
Carbon disulfide	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-
Cyclohexane	-	-	-	60	-	-
Dichlorodifluoromethane	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Ethylbenzene	-	-	-	60	-	-
Freon-114	-	-	-	-	-	-
Heptane	-	-	-	-	200	-
Isopropanol	-	-	-	-	-	-
n-Hexane	-	-	-	-	200	-
Naphthalene	-	-	-	60	-	-
o-Xylene	-	-	-	60	-	-
p/m-Xylene	-	-	-	-	200	-
Tertiary butyl Alcohol	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-
Tetrahydrofuran	-	-	-	-	-	-
Toluene	-	-	-	-	-	300
Trichlorofluoromethane	-	-	-	-	-	-

Notes:
ug/m³: Micrograms per cubic meter.
ND: Not detected.
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.

METRO NORTH RAILROAD
HARLEM & NEW HAVEN LINE

NOTE:

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REFERENCE:

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2. NEARMAP AERIAL, MARCH 8, 2024.

LEGEND:

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- B-2-TWP-1 - SOIL BORING/TEMPORARY WELL NUMBER & APPROX. LOCATION

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

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IN:\ACAD\13581A (ACAD)\ENVIRONMENTAL\PHASE I\13581 DWG PHASE I SOIL RESULTS MAP.DWG 10/17/25 01:41:24PM, dbrown.west, LAYOUT:FIG 2.4 SV SAMP RESULTS PLAN

rev	date	description	by

dwg by: KBV
chk by: AR
scale: AS NOTED
date: 02/28/2025

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2752-2768 WEBSTER AVENUE
BRONX, NEW YORK

title: SOIL VAPOR SAMPLE RESULTS PLAN

job no. 13581A
drawing no.

FIG 2.4

Appendix A:

Boring Logs

SESI CONSULTING ENGINEERS

PROJECT NAME:	Webster Ave Bronx, NY MADDD Equities	GEOPROBE NO.	**B-1**
LOCATION:	2752 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 6/10/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	26	1	0			Asphalt	0
							0
							0
						Fill, Brown, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
5				5			0
	60	2	5				0
						Black, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
						Dark Brown, c-f SAND & SILT, Little Gravel, Trace Clay	0
10				10			2
	38	3	10				6.1
					B-1(11-11.5)		9.7
						Brown/Gray, c-f SAND & GRAVEL, Little Silt, Trace Clay. Petroleum odor from 10 ft to 11.5 ft.	0
							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

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 geotechnic 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:	Webster Ave Bronx, NY MADDD Equities	GEOPROBE NO.	**B-2**
LOCATION:	2752 Webster Ave Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	~61 feet
GEOPROBE BY: Coastal	DATE STARTED:	GROUNDWATER TABLE DEPTH: 14'	
INSPECTOR: Christian Barletta	DATE COMPLETED:	0 Hr. / 24 Hr.	Date 6/10/24

DEPTH (ft) 0	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
	46	1	0			Fill Brown/Black, c-f SAND, Some Silt & Gravel, Trace Clay	0
							0
					B-2(2.5-3)	Black, c-f Gravel, Some c-f SAND, Little Silt, Trace Clay. Petroleum odor from 2.5 ft to 3 ft.	7.5
							0
5				5			0
	40	2	5			Brown/Black, c-f SAND, Some Gravel, Little Silt, Trace Clay	0
							0
						Brown, SILT & CLAY, Trace Gravel & SAND	0
							0
10				10			0
	46	3	10			Black, c-f SAND, Some Gravel, Little Silt, Trace Clay	0
							0
							0
							0
15				15			0
	60	4	15			Brown, c-m SAND, Little Silt & c-f Gravel, Trace Clay	0
							0
							0
							0
20				20			0
						EOB @ 15'	
						Temporary Well Installed	
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.	**B-3**
LOCATION:	2752 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 6/10/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	32	1	0			Brown/Black, Fill, c-f SAND, Some c-f Gravel, Trace Silt & Clay	0
							0
							0
							0
5				5			0
	45	2	5			Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
							0
							0
							0
10				10		Brown, SILT & CLAY, Little Sand, Trace Gravel	0
	34	3	10				0
						Brown, c-f SAND & SILT, Little c-f Gravel, Trace Clay	0
							0
							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.	**B-4**
LOCATION:	2752 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 6/10/24

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			Brown/Black, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
							0
					B-4(2-2.5)		0
						Black, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
5				5			0
	37	2	5				0
							0
						Brown, c-f, SILTY CLAY, Little c-f Sand, Trace c-f Gravel	0
							0
10				10			0
	47	3	10			Brown/Black, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
							0
							0
							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.	**B-5**
LOCATION:	2752 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 6/10/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	34	1	0			Brown, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
							0
							0
5				5			0
	36	2	5				0
							0
						Gravel	0
							0
10				10			0
	37	3	10			Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
							0
							0
							0
15							0
				15		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.	**B-6**
LOCATION:	2752 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 6/10/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	45	1	0			Fill Brown, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
							0
						Black, c-f SAND & SILT, Little c-f Gravel, Trace Clay	0
5				5	B-6(4.5-5)		0
	42	2	5				0
							0
							0
						Brown, c-f SAND & SILT, Little c-f Gravel, Trace Clay	0
10				10			0
	40	3	10			Brown/Black, SILT & CLAY, Little c-f Sand, Trace c-f Gravel	0
							0
							0
						Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
15							0
				15		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.	**B-7**
LOCATION:	2752 Webster Ave Bronx, NY	JOB NO.	13581
METHOD:	Direct Push	GROUND ELEVATION:	~61 feet
GEOPROBE BY: Coastal	DATE STARTED:	GROUNDWATER TABLE DEPTH: 15'	
INSPECTOR: Christian Barletta	DATE COMPLETED:	0 Hr. / 24 Hr.	Date 6/10/24

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, Little Silt, Trace Clay	0
							0
							0
							0
5				5		Black, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
	38	2	5				0
							0
							0
						Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
10				10			0
	34	3	10				0
							0
						Brown, c-f SAND, Some Silt & c-f Gravel, Trace Clay	0
							0
15							0
				15		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.	**B-8**
LOCATION:	2752 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 6/10/24

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				0
							0
							0
					B-8(4.4.5)	Gray/Brown, Fill, Asphalt/Brick c-f SAND, Some c-f Gravel & Silt, Trace Clay	0
5				5			0
	40	2	5				0
							0
							0
						Dark Brown/Black, c-f SAND & SILT, Some c-f Gravel, Trace Clay	0
10				10			0
	38	3	10				0
							0
							0
						Light Brown, c-f SAND, Some Silt & c-f Gravel, Trace Clay	0
15							0
				15		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.	**B-9**
LOCATION:	2752 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 6/10/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	40	1	0			Black, Fill Asphalt, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
							0
					B-9(3.5-4)		0
5				5		Black/Brown, c-f SAND & SILT, Little c-f Gravel, Trace Clay	0
	38	2	5				0
							0
							0
							0
10				10			0
	44	3	10			Brown/Gray, c-f SAND, Some Silt & c-f Gravel, Trace Clay	0
							0
							0
							0
15							0
				15		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.	**B-10**
LOCATION:	2752 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 6/11/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	44	1	0			Fill, Brown c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
							0
					B-10(3.5-4)	Black, c-f SAND/Millings	0
5				5			0
	44	2	5			Brown, c-f SAND, Some c-f Gravel, Little silt, Trace Clay	0
							0
							0
							0
10				10			0
	55	3	10			Brown/Gray, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
							0
							0
							0
15							0
				15		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.	**B-11**
LOCATION:	2752 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 6/11/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	37	1	0			Black, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
							0
							0
							0
5				5			0
	24	2	5			Brown, Clayey Silt, some c-f Sand, Little c-f Gravel	0
							0
							0
							0
10				10			0
	19	3	10			Dark Brown c-f Sand, Some c-f Gravel, Little Silt Trace Clay	0
							0
							0
							0
15							0
				15		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.	**B-12**
LOCATION:	2752 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 6/11/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	44	1	0				0
							0
					B-12(3-3.5)	Brown, Fill, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay. Oily tar-like substance and petroleum odor from 3 ft to 3.5 ft.	68
							0
5				5			0
	38	2	5			Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
							0
							0
						Clayey Silt	0
10				10			0
	22	3	10				0
							0
						Brown, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
15							0
				15		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.	**B-13**
LOCATION:	2752 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 6/11/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	48	1	0			Gray/Brown, c-f Gravel, Some c-f Sand, Little silt, Trace Clay	0
							0
						Dark Gray, c-f SAND, Some Silt, Trace c-f Gravel	0
							0
5				5			0
	46	2	5			Brown, c-f SAND, Some Silt, Little c-f Gravel	0
							0
						Gray/Brown, Fine Sand, Some Silt, Trace Fine Gravel	0
							0
10				10			0
	33	3	10				0
						Dark Gray Clayey Silt, Some Fine Sand, Trace Fine Gravel	0
							0
						Light Brown, c-f SAND< some c-f Gravel, Trace Silt	0
15							0
				15		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.	**B-14**
LOCATION:	2752 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	6/12/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	40	1	0				0
							0
						Fill, Brown/Black, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
5				5			0
	50	2	5			Brown, c-f SAND, Some Clayey Silt, Trace c-f Gravel. Staining and unknown odor from 5 ft to 7 ft.	4.7
					B-14(6.5-7)		6.3
							3.8
						Gray/Brown, c-f SAND & SILT, Little c-f Gravel, Trace Clay	0
10				10			0
	55	3	10				0
							0
						Brown/Gray, c-f SAND, Some c-f Gravel, Trace Silt/Clay	0
							0
15							0
				15		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.	**B-15**
LOCATION:	2752 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	6/11/24

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			Brown Fill, c-f SAND & SILT, some c-f Gravel, Trace Clay. Oily tar-like substance and petroleum odor from 1 ft to 2 ft.	0
							7.3
							2
							0
5				5		Black c-f Gravel, Some c-f Sand, Trace Clay & SILT	0
						Refusal @ 5'	
10							
15							
20							
25							
30							
35							
40							

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

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Pp: Pocket Penetrometer; DP: Direct Push

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

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

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	Webster Ave Bronx, NY MADDD Equities	GEOPROBE NO.	**B-16**
LOCATION:	2752 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 6/11/24

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				0
							0
						Black Fill, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
					B-16(3.5-4)		0
5				5			0
	12	2	5				0
						Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
							0
							0
10				10			0
	40	3	10				0
							0
						Gray, c-f SAND & GRAVEL, Little Silt, Trace Clay	0
							0
15				15			0
		4	15				0
							0
						Brown, c-m SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
20				20			0
						EOB @ 15'	
						TWP-1 Installed	
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.	**B-19**
LOCATION:	2752 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	6/12/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	17	1	0			Brown, c-f SAND, Some Silt Little c-f Gravel Trace Clay	0
				2			0
	14	2	2				0
				4			0
5	8	3	4		B-19(4-4.5)	Brown, c-f SILTY SAND, Trace m-f Gravel	0
				6			0
	11	4	6				0
				8			0
	3	5	8			Brown/Gray, c-f SANDY SILT, Some c-f Gravel,Trace Clay	0
10				10			0
	9	6	10			Brown, c-f SAND & GRAVEL, Little Silt, Trace Clay	0
				12			0
	15	7	12			Gray/Brown, c-f SAND, Some c-f Gravel, Trace Silt & Clay	0
				14			0
15							0
	24	8	15			Brown, c-f SAND, Some Silt, Trace c-f Gravel	0
				17			0
							0
							0
20							0
	22	9	20			Brown, c-f SAND, Some Silt & c-f Gravel. Trace Clay	0
				22			0
							0
							0
25							0
	20	10	25			Brown, c-f SAND, Some Silt & c-f Gravel, Trace Clay	0
							0
				27			0
						EOB @ 27'	
30						Env/Geotech Boring w/ Split Spoon	
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.	**B-20**
LOCATION:	2752 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 6/13/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	14	1	0			Brown, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
				2			0
	19	2	2				0
				4			0
5	20	3	4			Brown, c-f SAND, Some c-f Gravel & Silt, Trace Clay	0
				6			0
	9	4	6				0
				8			0
	22	5	8			Brown, c-f SAND, Some Silt & c-f Gravel, Trace Clay	0
10				10			0
	22	6	10			Brown, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
				12			0
	20	7	12				0
				14			0
15							0
	14	8	15			Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
				17			0
							0
							0
20							0
	24	9	20			Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
				22			0
							0
							0
25							0
	20	10	25				0
							0
				27			0
						EOB @ 27'	
30						Env/Geotech Boring w/ Split Spoon	
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.	**B-21**
LOCATION:	2752 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	6/13/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	18	1	0			Brown/Black, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
				2			0
	14	2	2				0
				4			0
5	16	3	4			Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
				6			0
	24	4	6				0
				8			0
	16	5	8			Brown/Black/Gray, c-f SAND & SILT, Little c-f Gravel, Trace Clay	0
10				10			0
	16	6	10				0
				12			0
	18	7	12			Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
				14			0
15							0
	20	8	15			Brown/Black, c-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
				17			0
							0
							0
20							0
	17	9	20			Gray, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
				22			0
							0
							0
25							0
	10	10	25			Gray, c-f GRAVEL & SAND, Little Silt, Trace Clay	0
							0
				27			0
						EOB @ 27'	
30						Env/Geotech Boring w/ Split Spoon	
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.	**B-22**
LOCATION:	2752 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							
	6	1	0			Brown, c-f SAND< Some Silt & c-f Gravel, Trace Clay	0
				2			0
	12	2	2			Light Gray, m-f SAND, Some c-f Gravel, Trace Silt & Clay	0
				4			0
5	18	3	4			Brown, m-f SAND, Some Silt, Little m-f Gravel, Trace Clay	0
				6			0
	4	4	6			Gray, c-f Gravel, Some m-f SAND, Trace Silt & Clay	0
				8			0
	12	5	8			Gray, m-f GRAVEL & SAND, Trace Silt & Clay	0
10				10			0
	12	6	10			Brown/Gray, m-f SAND, Little m-f Gravel & Silt, Trace Clay	0
				12			0
	14	7	12			Gray/Brown, m-f SAND, Little Silt & m-f Gravel, Trace Clay	0
							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.	**B-23**
LOCATION:	2752 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	6/11/24

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	19	1	0			Brown, c-f SAND, Some c-f Gravel, Trace Silt & Clay	0
				2			0
	24	2	2			Dark Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
				4			0
5	20	3	4			Dark Brown, CLAYEY SILT, Some c-f SAND, Little c-f Gravel	0
				6			0
	23	4	6			Brown/Gray, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
				8			0
	29	5	8				0
10				10			0
	17	6	10			Brown, c-f SAND, Little Silt, Trace m-f Gravel	0
				12			0
	24	7	12			Brown, c-f SAND, Little fine Gravel, Trace Silt & Clay	0
				14			0
15							0
	12	8	15			Dark Brown, c-f SAND, Little fine Gravel, Trace Silt	0
				17			0
							0
							0
20							0
	12	9	20			Brown, c-f SAND, Trace Silt	0
				22			0
							0
							0
25							0
	14	10	25				0
							0
				27			0
						EOB @ 27'	
30						Env/Geotech Boring w/ Split Spoon	
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.	**B-24**
LOCATION:	2752 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							
	40	1	0			Brown, m-f SAND, Some Silt, little c-f Gravel	0
							0
						Brown/Black, m-f SAND, Some m-f Gravel, Trace Silt & Clay	0
							0
5				5		Brown, m-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
	50	2	5				0
						Brown, SILT, Little m-f Sand & fine Gravel	0
							0
						Tan, c-f SAND, Some m-f Gravel, Little Silt, Trace Clay	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.	**B-25**
LOCATION:	2752 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							
	40	1	0			Brown/Black, Organics, m-f SAND, Little Silt	0-5
							0-5
						Gray/Brown, m-f SAND, Some c-f Gravel, Little Silt. Oily tar-like substance and petroleum odor from 3 ft to 3.5 ft.	0-5
					B-25(3-3.5)		0-5
5				5		Brow, m-f SAND, Some Silt, Little medium Gravel	0-5
	33	2	5				0
						Gray, c-f Gravel,m Little m-f SAND	0
							0
						Tan/Brown, c-f SAND, Little Silt & medium Gravel	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.	**B-26**
LOCATION:	2752 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							
	48	1	0			Brown, c-f SAND, Some m-f Gravel, Trace Silt & Clay	0
							0
							0
							0
5				5		Brown, m-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
	40	2	5				0
							0
						Brown, c-f SAND, Little Silt, Trace c-f Gravel & Clay	0
							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.	**B-27**
LOCATION:	2752 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							
	36	1	0			Fill, Brown/Gray, m-f SAND, Little Silt & c-f Gravel	0
							0
							0
						Black, c-f SAND, Some m-f Gravel, Some Silt	0
5				5			0
	40	2	5			Brown, m-f SAND, Some Silt, Little c-f Gravel	0
							0
							0
						Brown/Gray, m-f SAND, Some Silt, Little c-f Gravel, Trace Clay	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.	**B-28**
LOCATION:	2752 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							
	44	1	0			Tan, m-f SAND, Some Silt, Little medium Gravel	0
							0
						Brown/Black, m-f SAND, Some Silt, Little medium Gravel	0
							0
5				5		Tan/Brown, c-f SAND, Little Silt & c-f Gravel	0
	42	2	5				0
						Borwn/Orange, m-f Gravel, Some Silt, Trace Gravel	0
							0
						Brown, c-f SAND, Little Silt & medium Gravel	0
10				10		Brown Silt	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.	**B-29**
LOCATION:	2752 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							
	44	1	0			Tan, m-f SAND, Some Silt, Little medium Gravel	0
							0
						Gray, c-f Gravel, Little c-f SAND	0
							0
						Brown/Black, m-f SAND, Some Silt, Little medium Gravel	0
5				5			0
	46	2	5			Tan/Brown, c-f Sand, Little Silt, Little c-f Gravel	0
							0
						Brown/Orange, m-f Gravel, Some Silt, Trace Gravel	0
							0
10				10		Brown, c-f SAND, Some Silt, Little c-f Gravel, Trace Clay	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.	**B-30**
LOCATION:	2752 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							
	38	1	0			Fill, Brown, m-f SAND, Some Silt, Little c-f Gravel, Trace Clay	0
							0
							0
						Gray, c-f Gravel, Little m-f Sand	0
5				5			0
	32	2	5			Gray, m-f SAND, Some c-f Gravel, Little Silt, Trace Clay	0
							0
							0
							0
						Brown. M-f SAND, Some Silt, Little c-m Gravel	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

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 geotechnic 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 #

Appendix B:

Laboratory Analytical Reports

JOB: L2433831 REPORT STYLE: Data Usability Report
0010: Alpha Analytical Report Cover Page - OK
0015: Sample Cross Reference Summary - OK
0060: Case Narrative - OK
0100: Volatiles Cover Page - OK
0110: Volatiles Sample Results - OK
0120: Volatiles Method Blank Report - OK
0130: Volatiles LCS Report - OK
0180: Semivolatiles Cover Page - OK
0190: Semivolatiles Sample Results - OK
0200: Semivolatiles Method Blank Report - OK
0210: Semivolatiles LCS Report - OK
0700: PCBs Cover Page - OK
0710: PCBs Sample Results - OK
0720: PCBs Method Blank Report - OK
0730: PCBs LCS Report - OK
0900: Pesticides Cover Page - OK
0910: Pesticides Sample Results - OK
0920: Pesticides Method Blank Report - OK
0930: Pesticides LCS Report - OK
1005: Metals Sample Results - OK
1010: Metals Method Blank Report - OK
1020: Metals LCS Report - OK
1040: Metals Matrix Spike Report - OK
1050: Metals Duplicate Report - OK
1060: Metals Serial Dilution Report - OK
1180: Inorganics Cover Page - OK
1200: Wet Chemistry Sample Results - OK
1210: Wet Chemistry Method Blank Report - OK
1220: Wet Chemistry LCS Report - OK
1240: Wet Chemistry Matrix Spike Report - OK
1250: Wet Chemistry Duplicate Report - OK
5100: Sample Receipt & Container Information Report - OK
5150: PFAS Parameter Summary - OK
5200: Glossary - OK
5400: References - OK

No results found for sample L2433831-03 for product A2-NY-1633-DRAFT-21

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:	06/28/24

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).

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 06/28/24

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:**	06/28/24

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:**	06/28/24

Case Narrative (continued)

Report Submission

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

WG1937998-1, WG1937998-2, and WG1937998-3: 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.

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: 06/28/24

ORGANICS

VOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 06/28/24

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:** 06/28/24

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:** 06/28/24

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: 06/28/24

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:** 06/28/24

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: 06/28/24

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: 06/28/24

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:** 06/28/24

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:** 06/28/24

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: 06/28/24

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:** 06/28/24

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: 06/28/24

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:** 06/28/24

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
Project Number: 13581
Lab Number: L2433831
Report Date: 06/28/24

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 **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 06/28/24

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: 06/28/24

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
Project Number: 13581
Lab Number: L2433831
Report Date: 06/28/24

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
Project Number: 13581
Lab Number: L2433831
Report Date: 06/28/24

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: 06/28/24

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: 06/28/24

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
Project Number: 13581
Lab Number: L2433831
Report Date: 06/28/24

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
Lab Number: L2433831
Report Date: 06/28/24

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
Lab Number: L2433831
Report Date: 06/28/24

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					

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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:** 06/28/24

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:** 06/28/24

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 PAH	1260	J	ug/kg			1
Unknown PAH	3020	J	ug/kg			1
Unknown	1440	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 Naphthalene	2260	J	ug/kg			1
Unknown PAH	2200	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 Benzene	1680	J	ug/kg			1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 06/28/24

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: 06/28/24

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: 06/28/24

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:** 06/28/24

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:** 06/28/24

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	201	J	ug/kg			1
Unknown	155	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: 06/28/24

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:** 06/28/24

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: 06/28/24

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:** 06/28/24

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:** 06/28/24

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: 06/28/24

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:** 06/28/24

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: 06/28/24

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:** 06/28/24

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: 06/28/24

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:** 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 06/28/24

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: 06/28/24

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: 06/28/24

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

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Report Date: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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

PCBS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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:** 06/28/24

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: 06/28/24

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:** 06/28/24

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: 06/28/24

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:** 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
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 **Lab Number:** L2433831

Project Number: 13581 **Report Date:** 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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: 06/28/24

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

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 06/28/24

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

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433831
Report Date: 06/28/24

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

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433831
Report Date: 06/28/24

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: L2433831
Report Date: 06/28/24

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:**	L2433831
Project Number:	13581	**Report Date:**	06/28/24

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
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

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

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	WEBSTER AVE, BRONX	**Lab Number:**	L2433831
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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:**	06/28/24

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	SSmz	6-14-24 1510
SSmz	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

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TAL 8 30 / TAL
PFAS
VOCs on 1

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 8 30 / TAL	PFAS	VOCs on 1	Sample Specific Comments
33831-01	IWP-1	6/14/24	1455	GW	CB		✓		
-02	IWP-2	↓	1445	GW	↓		✓		
-03	TB20240614	6/14/24		DI				✓	

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

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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	6/14/24 0755	WIFI (Pace) Anthony Green	6/12/24 19:00
Pace	6/13/24 0730	Pace	6/13/24 0730

JUN 12 2024 1215

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

JOB: L2433160 REPORT STYLE: Data Usability Report
0010: Alpha Analytical Report Cover Page - OK
0015: Sample Cross Reference Summary - OK
0060: Case Narrative - OK
0100: Volatiles Cover Page - OK
0110: Volatiles Sample Results - OK
0120: Volatiles Method Blank Report - OK
0130: Volatiles LCS Report - OK
0180: Semivolatiles Cover Page - OK
0190: Semivolatiles Sample Results - OK
0200: Semivolatiles Method Blank Report - OK
0210: Semivolatiles LCS Report - OK
0700: PCBs Cover Page - OK
0710: PCBs Sample Results - OK
0720: PCBs Method Blank Report - OK
0730: PCBs LCS Report - OK
0900: Pesticides Cover Page - OK
0910: Pesticides Sample Results - OK
0920: Pesticides Method Blank Report - OK
0930: Pesticides LCS Report - OK
1005: Metals Sample Results - OK
1010: Metals Method Blank Report - OK
1020: Metals LCS Report - OK
1040: Metals Matrix Spike Report - OK
1050: Metals Duplicate Report - OK
1060: Metals Serial Dilution Report - OK
1180: Inorganics Cover Page - OK
1200: Wet Chemistry Sample Results - OK
1210: Wet Chemistry Method Blank Report - OK
1220: Wet Chemistry LCS Report - OK
1240: Wet Chemistry Matrix Spike Report - OK
1250: Wet Chemistry Duplicate Report - OK
5100: Sample Receipt & Container Information Report - OK
5150: PFAS Parameter Summary - OK
5200: Glossary - OK
5400: References - OK

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:	06/26/24

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).

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 06/26/24

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:**	06/26/24

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:** 06/26/24

Case Narrative (continued)

Report Submission

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

L2433160-04, WG1937801-1/-2, WG1937998-1/-2/-3: Extracted Internal Standard recoveries were outside

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2433160
Project Number: 13581 **Report Date:** 06/26/24

Case Narrative (continued)

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: 06/26/24

ORGANICS

VOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 06/26/24

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:** 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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: 06/26/24

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:** 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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:** 06/26/24

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 Alkane	78.3	J	ug/kg			1
Unknown	30.5	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: 06/26/24

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:** 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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:** 06/26/24

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: 06/26/24

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 **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 06/26/24

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
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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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
Project Number: 13581
Lab Number: L2433160
Report Date: 06/26/24

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:** 06/26/24

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
Project Number: 13581
Lab Number: L2433160
Report Date: 06/26/24

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: 06/26/24

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: 06/26/24

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
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Report Date: 06/26/24

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: 06/26/24

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

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Report Date: 06/26/24

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

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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
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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: 06/26/24

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

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Report Date: 06/26/24

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
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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
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Report Date: 06/26/24

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
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Report Date: 06/26/24

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
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Report Date: 06/26/24

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: 06/26/24

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:** 06/26/24

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 Organic Acid	4.50	J	ug/l			1
Unknown	9.60	J	ug/l			1
Unknown	14.0	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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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						
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:** 06/26/24

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	2320	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 Alkane	4530	J	ug/kg			10
Unknown	2250	J	ug/kg			10

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

Project Number: 13581 **Report Date:** 06/26/24

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: 06/26/24

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:** 06/26/24

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 **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 06/26/24

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						
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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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 **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 06/26/24

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						
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 PAH	369	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	230	J	ug/kg			1
Unknown PAH	248	J	ug/kg			1

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

Project Number: 13581 **Report Date:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 06/26/24

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					

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
Batch Quality Control

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): 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
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 06/26/24

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
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
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Report Date: 06/26/24

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

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Report Date: 06/26/24

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
Batch Quality Control

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-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
Batch Quality Control

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-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

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
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Report Date: 06/26/24

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
Batch Quality Control

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

Lab Control Sample Analysis
Batch Quality Control

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								
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

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								
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

Project Name: WEBSTER AVE, BRONX
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Report Date: 06/26/24

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): 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

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2433160
Report Date: 06/26/24

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): 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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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
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Report Date: 06/26/24

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: 06/26/24

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
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Lab Number: L2433160
Report Date: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
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: 06/26/24

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%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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: 06/26/24

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
Project Number: 13581
Lab Number: L2433160
Report Date: 06/26/24

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 **Lab Number:** L2433160

Project Number: 13581 **Report Date:** 06/26/24

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: 06/26/24

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:** 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2433160
Report Date: 06/26/24

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: 06/26/24

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: 06/26/24

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: 06/26/24

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:**	06/26/24

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:**	06/26/24

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:**	06/26/24

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:**	06/26/24

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

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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

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 → 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:	L2432804
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:	07/02/24

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: L2432804
Report Date: 07/02/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2432804-01	B-10 (3.5-4)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/11/24 08:35	06/11/24
L2432804-02	B-11 (4-4.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/11/24 14:30	06/11/24
L2432804-03	B-12 (3-3.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/11/24 11:20	06/11/24
L2432804-04	B-13 (2.5-3)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/11/24 09:15	06/11/24
L2432804-05	B-23 (3-3.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/11/24 10:10	06/11/24
L2432804-06	B-15 (1.5-2)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/11/24 13:30	06/11/24
L2432804-07	B-16 (3.5-4)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/11/24 14:10	06/11/24

Project Name:	WEBSTER AVE, BRONX	**Lab Number:**	L2432804
Project Number:	13581	**Report Date:**	07/02/24

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:** L2432804
Project Number: 13581 **Report Date:** 07/02/24

Case Narrative (continued)

Report Submission
July 02, 2024: This final report includes the results of all requested analyses.
June 27, 2024: This is a preliminary report.
June 19, 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
L2432804-02 through -07: The sample collection date was specified by the client.

Perfluorinated Alkyl Acids by 1633
L2432804-01, -03RE, -07, WG1937729-1, WG1937729-2, and WG1937729-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
L2432804-03RE: The sample was re-extracted within holding time due to QC failures in the original extraction. The results of the re-extraction are reported.
L2432804-03RE: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

PCBs
L2432804-07D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Pesticides
L2432804-07: The internal standard (IS) response for 1-bromo-2-nitrobenzene (200%) 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:	WEBSTER AVE, BRONX	**Lab Number:**	L2432804
Project Number:	13581	**Report Date:**	07/02/24

Case Narrative (continued)

considered to have a potentially low bias. The surrogate recovery is outside the method acceptance criteria for decachlorobiphenyl (22%) due to interference with the Internal Standard.

Total Metals

L2432804-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1935294-1 Method Blank, associated with L2432804-01, -03, 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.

The WG1935294-3 MS recoveries, performed on L2432804-01, are outside the acceptance criteria for calcium (220%), chromium (0%) and magnesium (246%). A post digestion spike was performed and was within acceptance criteria.

The WG1935294-3 MS recoveries for aluminum (598%), arsenic (0%), copper (0%), iron (0%), lead (0%), manganese (0%) and zinc (0%), performed on L2432804-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1935294-4 Laboratory Duplicate RPDs for chromium (58%) and lead (45%), performed on L2432804-01, are outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

The WG1935297-4 Laboratory Duplicate RPD for mercury (61%), performed on L2432804-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/02/24

ORGANICS

VOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01
Client ID: B-10 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/11/24 08:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/16/24 21:53
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	1.0		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	10		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	0.36	J	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: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01 Date Collected: 06/11/24 08:35

Client ID: B-10 (3.5-4) Date Received: 06/11/24

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	0.47	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	2.6		ug/kg	1.9	0.53	1
o-Xylene	0.96		ug/kg	0.95	0.28	1
Xylenes, Total	3.6		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	0.46	J	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: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01 Date Collected: 06/11/24 08:35

Client ID: B-10 (3.5-4) Date Received: 06/11/24

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	0.95	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	97		70-130
Toluene-d8	122		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	100		70-130

Project Name: WEBSTER AVE, BRONX
Lab Number: L2432804
Project Number: 13581
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 D2
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 05:36
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Naphthalene	2300000		ug/kg	60000	9700	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 D
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/17/24 02:40
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	37000	17000	100
1,1-Dichloroethane	ND		ug/kg	7400	1100	100
Chloroform	ND		ug/kg	11000	1000	100
Carbon tetrachloride	ND		ug/kg	7400	1700	100
1,2-Dichloropropane	ND		ug/kg	7400	930	100
Dibromochloromethane	ND		ug/kg	7400	1000	100
1,1,2-Trichloroethane	ND		ug/kg	7400	2000	100
Tetrachloroethene	ND		ug/kg	3700	1400	100
Chlorobenzene	ND		ug/kg	3700	940	100
Trichlorofluoromethane	ND		ug/kg	30000	5200	100
1,2-Dichloroethane	ND		ug/kg	7400	1900	100
1,1,1-Trichloroethane	ND		ug/kg	3700	1200	100
Bromodichloromethane	ND		ug/kg	3700	810	100
trans-1,3-Dichloropropene	ND		ug/kg	7400	2000	100
cis-1,3-Dichloropropene	ND		ug/kg	3700	1200	100
1,3-Dichloropropene, Total	ND		ug/kg	3700	1200	100
1,1-Dichloropropene	ND		ug/kg	3700	1200	100
Bromoform	ND		ug/kg	30000	1800	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	3700	1200	100
Benzene	ND		ug/kg	3700	1200	100
Toluene	ND		ug/kg	7400	4000	100
Ethylbenzene	ND		ug/kg	7400	1000	100
Chloromethane	ND		ug/kg	30000	6900	100
Bromomethane	ND		ug/kg	15000	4300	100
Vinyl chloride	ND		ug/kg	7400	2500	100
Chloroethane	ND		ug/kg	15000	3400	100
1,1-Dichloroethene	ND		ug/kg	7400	1800	100
trans-1,2-Dichloroethene	ND		ug/kg	11000	1000	100

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 D Date Collected: 06/11/24 11:20

Client ID: B-12 (3-3.5) Date Received: 06/11/24

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 High - Westborough Lab						
Trichloroethene	ND		ug/kg	3700	1000	100
1,2-Dichlorobenzene	ND		ug/kg	15000	1100	100
1,3-Dichlorobenzene	ND		ug/kg	15000	1100	100
1,4-Dichlorobenzene	ND		ug/kg	15000	1300	100
Methyl tert butyl ether	ND		ug/kg	15000	1500	100
p/m-Xylene	13000	J	ug/kg	15000	4200	100
o-Xylene	9200		ug/kg	7400	2200	100
Xylenes, Total	22000	J	ug/kg	7400	2200	100
cis-1,2-Dichloroethene	ND		ug/kg	7400	1300	100
1,2-Dichloroethene, Total	ND		ug/kg	7400	1000	100
Dibromomethane	ND		ug/kg	15000	1800	100
Styrene	6000	J	ug/kg	7400	1400	100
Dichlorodifluoromethane	ND		ug/kg	74000	6800	100
Acetone	ND		ug/kg	74000	36000	100
Carbon disulfide	ND		ug/kg	74000	34000	100
2-Butanone	ND		ug/kg	74000	16000	100
Vinyl acetate	ND		ug/kg	74000	16000	100
4-Methyl-2-pentanone	ND		ug/kg	74000	9500	100
1,2,3-Trichloropropane	ND		ug/kg	15000	940	100
2-Hexanone	ND		ug/kg	74000	8800	100
Bromochloromethane	ND		ug/kg	15000	1500	100
2,2-Dichloropropane	ND		ug/kg	15000	1500	100
1,2-Dibromoethane	ND		ug/kg	7400	2100	100
1,3-Dichloropropane	ND		ug/kg	15000	1200	100
1,1,1,2-Tetrachloroethane	ND		ug/kg	3700	980	100
Bromobenzene	ND		ug/kg	15000	1100	100
n-Butylbenzene	ND		ug/kg	7400	1200	100
sec-Butylbenzene	ND		ug/kg	7400	1100	100
tert-Butylbenzene	ND		ug/kg	15000	880	100
o-Chlorotoluene	ND		ug/kg	15000	1400	100
p-Chlorotoluene	ND		ug/kg	15000	800	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	22000	7400	100
Hexachlorobutadiene	ND		ug/kg	30000	1200	100
Isopropylbenzene	3400	J	ug/kg	7400	810	100
p-Isopropyltoluene	4300	J	ug/kg	7400	810	100
Naphthalene	2500000	E	ug/kg	30000	4800	100
Acrylonitrile	ND		ug/kg	30000	8600	100

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 D Date Collected: 06/11/24 11:20

Client ID: B-12 (3-3.5) Date Received: 06/11/24

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 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	7400	1300	100
1,2,3-Trichlorobenzene	ND		ug/kg	15000	2400	100
1,2,4-Trichlorobenzene	ND		ug/kg	15000	2000	100
1,3,5-Trimethylbenzene	11000	J	ug/kg	15000	1400	100
1,2,4-Trimethylbenzene	27000		ug/kg	15000	2500	100
1,4-Dioxane	ND		ug/kg	600000	260000	100
p-Diethylbenzene	13000	J	ug/kg	15000	1300	100
p-Ethyltoluene	7000	J	ug/kg	15000	2800	100
1,2,4,5-Tetramethylbenzene	12000	J	ug/kg	15000	1400	100
Ethyl ether	ND		ug/kg	15000	2500	100
trans-1,4-Dichloro-2-butene	ND		ug/kg	37000	10000	100
Tentatively Identified Compounds						
Total TIC Compounds	1420000	J	ug/kg			100
Unknown Naphthalene	65700	J	ug/kg			100
Unknown Naphthalene	138000	J	ug/kg			100
Unknown Aromatic	70000	J	ug/kg			100
Unknown	56000	J	ug/kg			100
Unknown	636000	J	ug/kg			100
Unknown	319000	J	ug/kg			100
Unknown Naphthalene	132000	J	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07
Client ID: B-16 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/11/24 14:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/16/24 22:20
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	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	0.55	J	ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	0.44	J	ug/kg	0.61	0.20	1
Toluene	0.74	J	ug/kg	1.2	0.66	1
Ethylbenzene	0.40	J	ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07 Date Collected: 06/11/24 14:10

Client ID: B-16 (3.5-4) Date Received: 06/11/24

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	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	2.6		ug/kg	2.4	0.68	1
o-Xylene	1.2		ug/kg	1.2	0.36	1
Xylenes, Total	3.8		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	0.59	J	ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07 Date Collected: 06/11/24 14:10

Client ID: B-16 (3.5-4) Date Received: 06/11/24

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	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	100		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 19:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,07 Batch: WG1935788-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 19:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,07 Batch: WG1935788-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.82	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	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: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 19:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,07 Batch: WG1935788-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
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Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 19:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,07 Batch: WG1935788-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	78		70-130
Dibromofluoromethane	96		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 19:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1935803-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 19:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1935803-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	41	J	ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: WEBSTER AVE, BRONX
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 19:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1935803-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: WEBSTER AVE, BRONX
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 19:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1935803-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	78		70-130
Dibromofluoromethane	96		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/17/24 21:24
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1935836-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	9.8	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: WEBSTER AVE, BRONX
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Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/17/24 21:24
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1935836-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/17/24 21:24
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1935836-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,07 Batch: WG1935788-3 WG1935788-4								
Methylene chloride	93		101		70-130	8		30
1,1-Dichloroethane	96		105		70-130	9		30
Chloroform	99		104		70-130	5		30
Carbon tetrachloride	108		106		70-130	2		30
1,2-Dichloropropane	115		107		70-130	7		30
Dibromochloromethane	111		106		70-130	5		30
1,1,2-Trichloroethane	105		99		70-130	6		30
Tetrachloroethene	93		93		70-130	0		30
Chlorobenzene	104		101		70-130	3		30
Trichlorofluoromethane	93		74		70-139	23		30
1,2-Dichloroethane	97		96		70-130	1		30
1,1,1-Trichloroethane	105		105		70-130	0		30
Bromodichloromethane	117		105		70-130	11		30
trans-1,3-Dichloropropene	107		102		70-130	5		30
cis-1,3-Dichloropropene	125		96		70-130	26		30
1,1-Dichloropropene	90		96		70-130	6		30
Bromoform	103		86		70-130	18		30
1,1,2,2-Tetrachloroethane	105		103		70-130	2		30
Benzene	103		109		70-130	6		30
Toluene	104		101		70-130	3		30
Ethylbenzene	104		102		70-130	2		30
Chloromethane	92		83		52-130	10		30
Bromomethane	**51**	Q	**38**	Q	57-147	29		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,07 Batch: WG1935788-3 WG1935788-4								
Vinyl chloride	67		**60**	Q	67-130	11		30
Chloroethane	64		52		50-151	21		30
1,1-Dichloroethene	86		80		65-135	7		30
trans-1,2-Dichloroethene	97		104		70-130	7		30
Trichloroethene	104		103		70-130	1		30
1,2-Dichlorobenzene	105		86		70-130	20		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	103		97		70-130	6		30
Methyl tert butyl ether	98		102		66-130	4		30
p/m-Xylene	96		94		70-130	2		30
o-Xylene	93		90		70-130	3		30
cis-1,2-Dichloroethene	99		103		70-130	4		30
Dibromomethane	110		101		70-130	9		30
Styrene	95		87		70-130	9		30
Dichlorodifluoromethane	106		81		30-146	27		30
Acetone	105		97		54-140	8		30
Carbon disulfide	84		79		59-130	6		30
2-Butanone	104		103		70-130	1		30
Vinyl acetate	105		113		70-130	7		30
4-Methyl-2-pentanone	102		94		70-130	8		30
1,2,3-Trichloropropane	102		96		68-130	6		30
2-Hexanone	108		100		70-130	8		30
Bromochloromethane	112		104		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,07 Batch: WG1935788-3 WG1935788-4								
2,2-Dichloropropane	101		105		70-130	4		30
1,2-Dibromoethane	109		103		70-130	6		30
1,3-Dichloropropane	107		102		69-130	5		30
1,1,1,2-Tetrachloroethane	104		100		70-130	4		30
Bromobenzene	101		102		70-130	1		30
n-Butylbenzene	110		76		70-130	**37**	Q	30
sec-Butylbenzene	107		108		70-130	1		30
tert-Butylbenzene	106		108		70-130	2		30
o-Chlorotoluene	107		106		70-130	1		30
p-Chlorotoluene	106		106		70-130	0		30
1,2-Dibromo-3-chloropropane	106		102		68-130	4		30
Hexachlorobutadiene	99		100		67-130	1		30
Isopropylbenzene	99		99		70-130	0		30
p-Isopropyltoluene	99		98		70-130	1		30
Naphthalene	116		112		70-130	4		30
Acrylonitrile	103		100		70-130	3		30
n-Propylbenzene	106		109		70-130	3		30
1,2,3-Trichlorobenzene	105		103		70-130	2		30
1,2,4-Trichlorobenzene	108		106		70-130	2		30
1,3,5-Trimethylbenzene	105		106		70-130	1		30
1,2,4-Trimethylbenzene	104		103		70-130	1		30
1,4-Dioxane	124		96		65-136	25		30
p-Diethylbenzene	102		74		70-130	**32**	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,07 Batch: WG1935788-3 WG1935788-4								
p-Ethyltoluene	105		106		70-130	1		30
1,2,4,5-Tetramethylbenzene	108		108		70-130	0		30
Ethyl ether	91		74		67-130	21		30
trans-1,4-Dichloro-2-butene	111		103		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		93		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	101		106		70-130
Dibromofluoromethane	101		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1935803-3 WG1935803-4								
Methylene chloride	93		101		70-130	8		30
1,1-Dichloroethane	96		105		70-130	9		30
Chloroform	99		104		70-130	5		30
Carbon tetrachloride	108		106		70-130	2		30
1,2-Dichloropropane	115		107		70-130	7		30
Dibromochloromethane	111		106		70-130	5		30
1,1,2-Trichloroethane	105		99		70-130	6		30
Tetrachloroethene	93		93		70-130	0		30
Chlorobenzene	104		101		70-130	3		30
Trichlorofluoromethane	93		74		70-139	23		30
1,2-Dichloroethane	97		96		70-130	1		30
1,1,1-Trichloroethane	105		105		70-130	0		30
Bromodichloromethane	117		105		70-130	11		30
trans-1,3-Dichloropropene	107		102		70-130	5		30
cis-1,3-Dichloropropene	125		96		70-130	26		30
1,1-Dichloropropene	90		96		70-130	6		30
Bromoform	103		86		70-130	18		30
1,1,2,2-Tetrachloroethane	105		103		70-130	2		30
Benzene	103		109		70-130	6		30
Toluene	104		101		70-130	3		30
Ethylbenzene	104		102		70-130	2		30
Chloromethane	92		83		52-130	10		30
Bromomethane	**51**	Q	**38**	Q	57-147	29		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1935803-3 WG1935803-4								
Vinyl chloride	67		**60**	Q	67-130	11		30
Chloroethane	64		52		50-151	21		30
1,1-Dichloroethene	86		80		65-135	7		30
trans-1,2-Dichloroethene	97		104		70-130	7		30
Trichloroethene	104		103		70-130	1		30
1,2-Dichlorobenzene	105		86		70-130	20		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	103		97		70-130	6		30
Methyl tert butyl ether	98		102		66-130	4		30
p/m-Xylene	96		94		70-130	2		30
o-Xylene	93		90		70-130	3		30
cis-1,2-Dichloroethene	99		103		70-130	4		30
Dibromomethane	110		101		70-130	9		30
Styrene	95		87		70-130	9		30
Dichlorodifluoromethane	106		81		30-146	27		30
Acetone	105		97		54-140	8		30
Carbon disulfide	84		79		59-130	6		30
2-Butanone	104		103		70-130	1		30
Vinyl acetate	105		113		70-130	7		30
4-Methyl-2-pentanone	102		94		70-130	8		30
1,2,3-Trichloropropane	102		96		68-130	6		30
2-Hexanone	108		100		70-130	8		30
Bromochloromethane	112		104		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1935803-3 WG1935803-4								
2,2-Dichloropropane	101		105		70-130	4		30
1,2-Dibromoethane	109		103		70-130	6		30
1,3-Dichloropropane	107		102		69-130	5		30
1,1,1,2-Tetrachloroethane	104		100		70-130	4		30
Bromobenzene	101		102		70-130	1		30
n-Butylbenzene	110		76		70-130	**37**	Q	30
sec-Butylbenzene	107		108		70-130	1		30
tert-Butylbenzene	106		108		70-130	2		30
o-Chlorotoluene	107		106		70-130	1		30
p-Chlorotoluene	106		106		70-130	0		30
1,2-Dibromo-3-chloropropane	106		102		68-130	4		30
Hexachlorobutadiene	99		100		67-130	1		30
Isopropylbenzene	99		99		70-130	0		30
p-Isopropyltoluene	99		98		70-130	1		30
Naphthalene	116		112		70-130	4		30
Acrylonitrile	103		100		70-130	3		30
n-Propylbenzene	106		109		70-130	3		30
1,2,3-Trichlorobenzene	105		103		70-130	2		30
1,2,4-Trichlorobenzene	108		106		70-130	2		30
1,3,5-Trimethylbenzene	105		106		70-130	1		30
1,2,4-Trimethylbenzene	104		103		70-130	1		30
1,4-Dioxane	124		96		65-136	25		30
p-Diethylbenzene	102		74		70-130	**32**	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1935803-3 WG1935803-4								
p-Ethyltoluene	105		106		70-130	1		30
1,2,4,5-Tetramethylbenzene	108		108		70-130	0		30
Ethyl ether	91		74		67-130	21		30
trans-1,4-Dichloro-2-butene	111		103		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	101		106		70-130
Dibromofluoromethane	101		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1935836-3 WG1935836-4								
Methylene chloride	87		85		70-130	2		30
1,1-Dichloroethane	83		80		70-130	4		30
Chloroform	82		80		70-130	2		30
Carbon tetrachloride	83		80		70-130	4		30
1,2-Dichloropropane	83		81		70-130	2		30
Dibromochloromethane	83		84		70-130	1		30
1,1,2-Trichloroethane	83		83		70-130	0		30
Tetrachloroethene	89		85		70-130	5		30
Chlorobenzene	84		82		70-130	2		30
Trichlorofluoromethane	86		80		70-139	7		30
1,2-Dichloroethane	80		80		70-130	0		30
1,1,1-Trichloroethane	86		82		70-130	5		30
Bromodichloromethane	82		82		70-130	0		30
trans-1,3-Dichloropropene	82		82		70-130	0		30
cis-1,3-Dichloropropene	84		84		70-130	0		30
1,1-Dichloropropene	88		85		70-130	3		30
Bromoform	81		84		70-130	4		30
1,1,2,2-Tetrachloroethane	83		86		70-130	4		30
Benzene	84		82		70-130	2		30
Toluene	87		83		70-130	5		30
Ethylbenzene	82		78		70-130	5		30
Chloromethane	68		64		52-130	6		30
Bromomethane	101		95		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1935836-3 WG1935836-4								
Vinyl chloride	78		75		67-130	4		30
Chloroethane	80		76		50-151	5		30
1,1-Dichloroethene	85		82		65-135	4		30
trans-1,2-Dichloroethene	84		82		70-130	2		30
Trichloroethene	83		82		70-130	1		30
1,2-Dichlorobenzene	83		83		70-130	0		30
1,3-Dichlorobenzene	84		83		70-130	1		30
1,4-Dichlorobenzene	83		82		70-130	1		30
Methyl tert butyl ether	82		82		66-130	0		30
p/m-Xylene	84		81		70-130	4		30
o-Xylene	83		81		70-130	2		30
cis-1,2-Dichloroethene	84		82		70-130	2		30
Dibromomethane	82		83		70-130	1		30
Styrene	88		86		70-130	2		30
Dichlorodifluoromethane	62		60		30-146	3		30
Acetone	77		71		54-140	8		30
Carbon disulfide	78		76		59-130	3		30
2-Butanone	81		84		70-130	4		30
Vinyl acetate	100		102		70-130	2		30
4-Methyl-2-pentanone	84		86		70-130	2		30
1,2,3-Trichloropropane	80		81		68-130	1		30
2-Hexanone	84		84		70-130	0		30
Bromochloromethane	84		84		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1935836-3 WG1935836-4								
2,2-Dichloropropane	80		77		70-130	4		30
1,2-Dibromoethane	85		86		70-130	1		30
1,3-Dichloropropane	83		83		69-130	0		30
1,1,1,2-Tetrachloroethane	83		83		70-130	0		30
Bromobenzene	81		80		70-130	1		30
n-Butylbenzene	86		82		70-130	5		30
sec-Butylbenzene	84		80		70-130	5		30
tert-Butylbenzene	82		80		70-130	2		30
o-Chlorotoluene	79		80		70-130	1		30
p-Chlorotoluene	82		81		70-130	1		30
1,2-Dibromo-3-chloropropane	82		86		68-130	5		30
Hexachlorobutadiene	85		82		67-130	4		30
Isopropylbenzene	82		80		70-130	2		30
p-Isopropyltoluene	84		81		70-130	4		30
Naphthalene	82		85		70-130	4		30
Acrylonitrile	85		88		70-130	3		30
n-Propylbenzene	82		80		70-130	2		30
1,2,3-Trichlorobenzene	87		88		70-130	1		30
1,2,4-Trichlorobenzene	89		88		70-130	1		30
1,3,5-Trimethylbenzene	81		80		70-130	1		30
1,2,4-Trimethylbenzene	82		79		70-130	4		30
1,4-Dioxane	96		95		65-136	1		30
p-Diethylbenzene	85		82		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1935836-3 WG1935836-4								
p-Ethyltoluene	82		80		70-130	2		30
1,2,4,5-Tetramethylbenzene	84		82		70-130	2		30
Ethyl ether	84		84		67-130	0		30
trans-1,4-Dichloro-2-butene	80		81		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01
Client ID: B-10 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 08:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/17/24 19:39
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		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	12000	E	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	1700		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	160	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	53	J	ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01 Date Collected: 06/11/24 08:35

Client ID: B-10 (3.5-4) Date Received: 06/11/24

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	38.	1
Benzo(a)anthracene	8300	E	ug/kg	110	20.	1
Benzo(a)pyrene	8100	E	ug/kg	140	44.	1
Benzo(b)fluoranthene	11000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	2600		ug/kg	110	29.	1
Chrysene	8600	E	ug/kg	110	19.	1
Acenaphthylene	5400		ug/kg	140	28.	1
Anthracene	2100		ug/kg	110	35.	1
Benzo(ghi)perylene	6800		ug/kg	140	21.	1
Fluorene	380		ug/kg	180	17.	1
Phenanthrene	2500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1700		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	6700		ug/kg	140	25.	1
Pyrene	14000	E	ug/kg	110	18.	1
Biphenyl	100	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	290		ug/kg	180	17.	1
2-Methylnaphthalene	480		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	50	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	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	98	J	ug/kg	180	27.	1
2-Methylphenol	35	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	140	J	ug/kg	260	28.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01 Date Collected: 06/11/24 08:35

Client ID: B-10 (3.5-4) Date Received: 06/11/24

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	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	560		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	36400	J	ug/kg			1
Unknown PAH	1700	J	ug/kg			1
Unknown PAH	1650	J	ug/kg			1
Unknown PAH	3960	J	ug/kg			1
Unknown PAH	8550	J	ug/kg			1
Unknown	945	J	ug/kg			1
Unknown	1560	J	ug/kg			1
Unknown PAH	1310	J	ug/kg			1
Unknown PAH	3510	J	ug/kg			1
Unknown PAH	1330	J	ug/kg			1
Unknown PAH	1730	J	ug/kg			1
Unknown PAH	2180	J	ug/kg			1
Unknown PAH	1020	J	ug/kg			1
Unknown	1520	J	ug/kg			1
Unknown PAH	1720	J	ug/kg			1
Unknown PAH	3670	J	ug/kg			1

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01
Client ID: B-10 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/11/24 08:35
Date Received: 06/11/24
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	65		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	66		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01
Client ID: B-10 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 08:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/23/24 23:02
Analyst: SL
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

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)	0.100	J	ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.101	J	ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	0.119	J	ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	0.467		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)	0.283		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	0.382	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	0.750		ng/g	0.197	0.051	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01 Date Collected: 06/11/24 08:35

Client ID: B-10 (3.5-4) Date Received: 06/11/24

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)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106		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)	84		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**192**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**163**	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)	81		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	137		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	73		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01 D
Client ID: B-10 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 08:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 13:31
Analyst: SZ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	7400		ug/kg	540	100	5
Benzo(a)anthracene	5900		ug/kg	540	100	5
Benzo(a)pyrene	6500		ug/kg	720	220	5
Benzo(b)fluoranthene	8800		ug/kg	540	150	5
Chrysene	5900		ug/kg	540	93.	5
Pyrene	8300		ug/kg	540	89.	5

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 RE
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/26/24 09:21
Analyst: AC
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 06/25/24 04:30
Cleanup Method: EPA 1633
Cleanup Date: 06/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	4.34	0.273	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	2.17	0.304	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	1.08	0.234	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	1.08	0.252	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	1.08	0.126	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	1.08	0.321	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	1.08	0.282	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	4.34	1.52	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	1.08	0.200	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	1.08	0.425	1
Perfluorooctanesulfonic Acid (PFOS)	0.685	J	ng/g	1.08	0.429	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	1.08	0.408	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	4.34	2.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	1.08	0.542	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	1.08	0.278	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	1.08	0.174	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	1.08	0.234	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	1.08	0.447	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	1.08	0.221	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	1.08	0.286	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	1.08	0.577	1
PFOA/PFOS, Total	0.685	J	ng/g	1.08	0.282	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 RE Date Collected: 06/11/24 11:20

Client ID: B-12 (3-3.5) Date Received: 06/11/24

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)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		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)	81		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		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)	88		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**154**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	142		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	**174**	Q	20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 D2
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 12:25
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	45000		ug/kg	2700	520	25
Phenanthrene	42000		ug/kg	2700	560	25

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 D
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 16:28
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3800		ug/kg	730	95.	5
1,2,4-Trichlorobenzene	ND		ug/kg	910	100	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	910	91.	5
1,2-Dichlorobenzene	ND		ug/kg	910	160	5
1,3-Dichlorobenzene	ND		ug/kg	910	160	5
1,4-Dichlorobenzene	ND		ug/kg	910	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	910	240	5
2,4-Dinitrotoluene	ND		ug/kg	910	180	5
2,6-Dinitrotoluene	ND		ug/kg	910	160	5
Fluoranthene	37000	E	ug/kg	550	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	910	98.	5
4-Bromophenyl phenyl ether	ND		ug/kg	910	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	990	92.	5
Hexachlorobutadiene	ND		ug/kg	910	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	830	5
Hexachloroethane	ND		ug/kg	730	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	27000		ug/kg	910	110	5
Nitrobenzene	ND		ug/kg	820	140	5
NDPA/DPA	ND		ug/kg	730	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	910	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	910	320	5
Butyl benzyl phthalate	ND		ug/kg	910	230	5
Di-n-butylphthalate	ND		ug/kg	910	170	5
Di-n-octylphthalate	ND		ug/kg	910	310	5

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 D Date Collected: 06/11/24 11:20

Client ID: B-12 (3-3.5) Date Received: 06/11/24

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	910	85.	5
Dimethyl phthalate	ND		ug/kg	910	190	5
Benzo(a)anthracene	19000		ug/kg	550	100	5
Benzo(a)pyrene	15000		ug/kg	730	220	5
Benzo(b)fluoranthene	17000		ug/kg	550	150	5
Benzo(k)fluoranthene	6400		ug/kg	550	150	5
Chrysene	17000		ug/kg	550	95.	5
Acenaphthylene	3300		ug/kg	730	140	5
Anthracene	13000		ug/kg	550	180	5
Benzo(ghi)perylene	8800		ug/kg	730	110	5
Fluorene	8400		ug/kg	910	89.	5
Phenanthrene	38000	E	ug/kg	550	110	5
Dibenzo(a,h)anthracene	2300		ug/kg	550	100	5
Indeno(1,2,3-cd)pyrene	8500		ug/kg	730	130	5
Pyrene	32000		ug/kg	550	91.	5
Biphenyl	1500	J	ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	910	170	5
2-Nitroaniline	ND		ug/kg	910	180	5
3-Nitroaniline	ND		ug/kg	910	170	5
4-Nitroaniline	ND		ug/kg	910	380	5
Dibenzofuran	6500		ug/kg	910	86.	5
2-Methylnaphthalene	11000		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	910	95.	5
Acetophenone	ND		ug/kg	910	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
p-Chloro-m-cresol	ND		ug/kg	910	140	5
2-Chlorophenol	ND		ug/kg	910	110	5
2,4-Dichlorophenol	ND		ug/kg	820	150	5
2,4-Dimethylphenol	ND		ug/kg	910	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	210	J	ug/kg	910	140	5
2-Methylphenol	150	J	ug/kg	910	140	5
3-Methylphenol/4-Methylphenol	530	J	ug/kg	1300	140	5

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 D Date Collected: 06/11/24 11:20

Client ID: B-12 (3-3.5) Date Received: 06/11/24

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	910	180	5
Benzoic Acid	ND		ug/kg	3000	920	5
Benzyl Alcohol	ND		ug/kg	910	280	5
Carbazole	3100		ug/kg	910	89.	5
1,4-Dioxane	ND		ug/kg	140	42.	5
Tentatively Identified Compounds						
Total TIC Compounds	85200	J	ug/kg			5
Unknown PAH	3780	J	ug/kg			5
Unknown PAH	3190	J	ug/kg			5
Unknown PAH	9330	J	ug/kg			5
Unknown	8400	J	ug/kg			5
Unknown PAH	3350	J	ug/kg			5
Unknown PAH	7290	J	ug/kg			5
Unknown Thiophene	4800	J	ug/kg			5
Unknown	5780	J	ug/kg			5
Unknown	2810	J	ug/kg			5
Unknown	4560	J	ug/kg			5
Unknown	5200	J	ug/kg			5
Unknown PAH	4670	J	ug/kg			5
Unknown PAH	11300	J	ug/kg			5
Unknown PAH	3870	J	ug/kg			5
Unknown	6900	J	ug/kg			5

Project Name: WEBSTER AVE, BRONX
Lab Number: L2432804
Project Number: 13581
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 D
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
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	49		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	83		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07
Client ID: B-16 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 14:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 11:01
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	540		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	6500		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	460		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	610		ug/kg	180	63.	1
Butyl benzyl phthalate	430		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07 Date Collected: 06/11/24 14:10

Client ID: B-16 (3.5-4) Date Received: 06/11/24

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	38.	1
Benzo(a)anthracene	4400		ug/kg	110	20.	1
Benzo(a)pyrene	4300		ug/kg	150	44.	1
Benzo(b)fluoranthene	6900		ug/kg	110	31.	1
Benzo(k)fluoranthene	1400		ug/kg	110	29.	1
Chrysene	4200		ug/kg	110	19.	1
Acenaphthylene	1700		ug/kg	150	28.	1
Anthracene	2700		ug/kg	110	36.	1
Benzo(ghi)perylene	3600		ug/kg	150	21.	1
Fluorene	510		ug/kg	180	18.	1
Phenanthrene	3300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	700		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	3300		ug/kg	150	25.	1
Pyrene	6000		ug/kg	110	18.	1
Biphenyl	62	J	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	410		ug/kg	180	17.	1
2-Methylnaphthalene	320		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	160	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	66	J	ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	78	J	ug/kg	260	29.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07 Date Collected: 06/11/24 14:10

Client ID: B-16 (3.5-4) Date Received: 06/11/24

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	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	690		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	10400	J	ug/kg			1
Unknown	626	J	ug/kg			1
Unknown	834	J	ug/kg			1
Unknown	870	J	ug/kg			1
Unknown Benzene	513	J	ug/kg			1
Unknown	1470	J	ug/kg			1
Unknown Aldehyde	476	J	ug/kg			1
Unknown	838	J	ug/kg			1
Unknown Organic Acid	652	J	ug/kg			1
Unknown	466	J	ug/kg			1
Unknown PAH	471	J	ug/kg			1
Unknown	470	J	ug/kg			1
Unknown	606	J	ug/kg			1
Unknown	553	J	ug/kg			1
Unknown PAH	1000	J	ug/kg			1
Unknown	569	J	ug/kg			1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07 Date Collected: 06/11/24 14:10

Client ID: B-16 (3.5-4) Date Received: 06/11/24

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	34		25-120
Phenol-d6	27		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	37		10-136
4-Terphenyl-d14	41		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07
Client ID: B-16 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 14:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/23/24 23:54
Analyst: SL
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.112	J	ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.073	J	ng/g	0.200	0.046	1
Perfluoroheptanoic Acid (PFHpA)	0.066	J	ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	0.392		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.342	J	ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	1.72		ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
PFOA/PFOS, Total	2.11		ng/g	0.200	0.052	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07 Date Collected: 06/11/24 14:10

Client ID: B-16 (3.5-4) Date Received: 06/11/24

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)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	115		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	106		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**171**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 16:04
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,07 Batch: WG1935010-1					
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	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: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 16:04
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,07 Batch: WG1935010-1					
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: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/17/24 16:04
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,07 Batch: WG1935010-1					
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	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	73		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	80		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/23/24 20:02
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,07 Batch: WG1937729-1					
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: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/23/24 20:02
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,07 Batch: WG1937729-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112		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)	89		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)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**245**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	95		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 08:43
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/25/24 04:30
Cleanup Method: EPA 1633
Cleanup Date: 06/25/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1938762-1					
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: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 08:43
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/25/24 04:30
Cleanup Method: EPA 1633
Cleanup Date: 06/25/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1938762-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		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)	84		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)	81		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		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)	68		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86		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)	74		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		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: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,07 Batch: WG1935010-2 WG1935010-3								
Acenaphthene	72		76		31-137	5		50
1,2,4-Trichlorobenzene	75		73		38-107	3		50
Hexachlorobenzene	67		65		40-140	3		50
Bis(2-chloroethyl)ether	72		74		40-140	3		50
2-Chloronaphthalene	78		74		40-140	5		50
1,2-Dichlorobenzene	68		70		40-140	3		50
1,3-Dichlorobenzene	63		68		40-140	8		50
1,4-Dichlorobenzene	65		69		28-104	6		50
3,3'-Dichlorobenzidine	79		79		40-140	0		50
2,4-Dinitrotoluene	83		83		40-132	0		50
2,6-Dinitrotoluene	83		80		40-140	4		50
Fluoranthene	86		88		40-140	2		50
4-Chlorophenyl phenyl ether	80		82		40-140	2		50
4-Bromophenyl phenyl ether	76		77		40-140	1		50
Bis(2-chloroisopropyl)ether	109		112		40-140	3		50
Bis(2-chloroethoxy)methane	77		74		40-117	4		50
Hexachlorobutadiene	79		86		40-140	8		50
Hexachlorocyclopentadiene	66		65		40-140	2		50
Hexachloroethane	68		72		40-140	6		50
Isophorone	81		78		40-140	4		50
Naphthalene	68		71		40-140	4		50
Nitrobenzene	82		80		40-140	2		50
NDPA/DPA	77		77		36-157	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,07 Batch: WG1935010-2 WG1935010-3								
n-Nitrosodi-n-propylamine	84		84		32-121	0		50
Bis(2-ethylhexyl)phthalate	65		68		40-140	5		50
Butyl benzyl phthalate	86		85		40-140	1		50
Di-n-butylphthalate	85		89		40-140	5		50
Di-n-octylphthalate	69		71		40-140	3		50
Diethyl phthalate	77		77		40-140	0		50
Dimethyl phthalate	84		79		40-140	6		50
Benzo(a)anthracene	78		82		40-140	5		50
Benzo(a)pyrene	78		82		40-140	5		50
Benzo(b)fluoranthene	74		74		40-140	0		50
Benzo(k)fluoranthene	72		77		40-140	7		50
Chrysene	73		78		40-140	7		50
Acenaphthylene	82		79		40-140	4		50
Anthracene	76		80		40-140	5		50
Benzo(ghi)perylene	76		83		40-140	9		50
Fluorene	77		79		40-140	3		50
Phenanthrene	72		77		40-140	7		50
Dibenzo(a,h)anthracene	82		88		40-140	7		50
Indeno(1,2,3-cd)pyrene	78		84		40-140	7		50
Pyrene	85		88		35-142	3		50
Biphenyl	70		68		37-127	3		50
4-Chloroaniline	78		76		40-140	3		50
2-Nitroaniline	80		76		47-134	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,07 Batch: WG1935010-2 WG1935010-3								
3-Nitroaniline	70		71		26-129	1		50
4-Nitroaniline	80		80		41-125	0		50
Dibenzofuran	73		77		40-140	5		50
2-Methylnaphthalene	76		76		40-140	0		50
1,2,4,5-Tetrachlorobenzene	73		73		40-117	0		50
Acetophenone	74		72		14-144	3		50
2,4,6-Trichlorophenol	88		84		30-130	5		50
p-Chloro-m-cresol	87		83		26-103	5		50
2-Chlorophenol	74		74		25-102	0		50
2,4-Dichlorophenol	82		77		30-130	6		50
2,4-Dimethylphenol	78		75		30-130	4		50
2-Nitrophenol	74		73		30-130	1		50
4-Nitrophenol	99		99		11-114	0		50
2,4-Dinitrophenol	58		58		4-130	0		50
4,6-Dinitro-o-cresol	72		72		10-130	0		50
Pentachlorophenol	76		70		17-109	8		50
Phenol	79		77		26-90	3		50
2-Methylphenol	80		79		30-130.	1		50
3-Methylphenol/4-Methylphenol	80		76		30-130	5		50
2,4,5-Trichlorophenol	90		86		30-130	5		50
Benzoic Acid	49		51		10-110	4		50
Benzyl Alcohol	87		83		40-140	5		50
Carbazole	77		81		54-128	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,07 Batch: WG1935010-2 WG1935010-3								
1,4-Dioxane	40		50		40-140	22		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		79		25-120
Phenol-d6	83		81		10-120
Nitrobenzene-d5	83		80		23-120
2-Fluorobiphenyl	80		78		30-120
2,4,6-Tribromophenol	65		63		10-136
4-Terphenyl-d14	83		84		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

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): 01,07 Batch: WG1937729-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	103		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	107		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	98		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	100		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	107		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	121		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	105		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	116		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	106		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

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): 01,07 Batch: WG1937729-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	115				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)	93				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)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**229**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	102				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,07 Batch: WG1937729-3								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	111		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	112		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	113		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	90		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	105		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	109		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	125		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	87		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	135		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	119		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	111		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	133		-		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: L2432804
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,07 Batch: WG1937729-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				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)	87				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)	91				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	116				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)	89				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**211**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

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: WG1938762-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	104		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	102		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	101		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	99		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	105		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	87		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	99		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	96		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	105		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	131		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	124		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

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: WG1938762-2 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)	87				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)	85				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)	81				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)	84				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	89				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

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: WG1938762-3								
Perfluorobutanoic Acid (PFBA)	100		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	107		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	103		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	99		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	84		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	82		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	102		-		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)	94		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	110		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	96		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	129		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	114		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

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: WG1938762-3

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)	77				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80				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)	79				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	104				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76				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)	69				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80				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)	71				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46				20-150

PCBS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01
Client ID: B-10 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 08:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 22:02
Analyst: RMP
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:06
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	52.6	4.68	1	A
Aroclor 1221	ND		ug/kg	52.6	5.28	1	A
Aroclor 1232	ND		ug/kg	52.6	11.2	1	A
Aroclor 1242	ND		ug/kg	52.6	7.10	1	A
Aroclor 1248	ND		ug/kg	52.6	7.90	1	A
Aroclor 1254	14.1	J	ug/kg	52.6	5.76	1	B
Aroclor 1260	13.5	J	ug/kg	52.6	9.73	1	A
Aroclor 1262	ND		ug/kg	52.6	6.69	1	A
Aroclor 1268	6.86	J	ug/kg	52.6	5.45	1	B
PCBs, Total	34.5	J	ug/kg	52.6	4.68	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/18/24 03:35
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:06
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	53.6	4.76	1	A
Aroclor 1221	ND		ug/kg	53.6	5.37	1	A
Aroclor 1232	ND		ug/kg	53.6	11.4	1	A
Aroclor 1242	ND		ug/kg	53.6	7.22	1	A
Aroclor 1248	ND		ug/kg	53.6	8.04	1	A
Aroclor 1254	ND		ug/kg	53.6	5.86	1	A
Aroclor 1260	ND		ug/kg	53.6	9.90	1	A
Aroclor 1262	ND		ug/kg	53.6	6.81	1	A
Aroclor 1268	ND		ug/kg	53.6	5.55	1	A
PCBs, Total	ND		ug/kg	53.6	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07 D
Client ID: B-16 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 14:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/18/24 03:43
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:06
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	263	23.3	5	A
Aroclor 1221	ND		ug/kg	263	26.3	5	A
Aroclor 1232	ND		ug/kg	263	55.7	5	A
Aroclor 1242	ND		ug/kg	263	35.4	5	A
Aroclor 1248	ND		ug/kg	263	39.4	5	A
Aroclor 1254	83.2	J	ug/kg	263	28.8	5	A
Aroclor 1260	ND		ug/kg	263	48.6	5	A
Aroclor 1262	ND		ug/kg	263	33.4	5	A
Aroclor 1268	ND		ug/kg	263	27.2	5	A
PCBs, Total	83.2	J	ug/kg	263	23.3	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/17/24 21:02
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:16
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): 01,03,07 Batch: WG1935034-1						
Aroclor 1016	ND		ug/kg	49.3	4.37	A
Aroclor 1221	ND		ug/kg	49.3	4.94	A
Aroclor 1232	ND		ug/kg	49.3	10.4	A
Aroclor 1242	ND		ug/kg	49.3	6.64	A
Aroclor 1248	ND		ug/kg	49.3	7.39	A
Aroclor 1254	ND		ug/kg	49.3	5.39	A
Aroclor 1260	ND		ug/kg	49.3	9.10	A
Aroclor 1262	ND		ug/kg	49.3	6.26	A
Aroclor 1268	ND		ug/kg	49.3	5.10	A
PCBs, Total	ND		ug/kg	49.3	4.37	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,07 Batch: WG1935034-2 WG1935034-3									
Aroclor 1016	76		82		40-140	8		50	A
Aroclor 1260	72		88		40-140	20		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		77		30-150	A
Decachlorobiphenyl	77		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		70		30-150	B
Decachlorobiphenyl	73		76		30-150	B

PESTICIDES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01
Client ID: B-10 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 08:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 17:51
Analyst: EMR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 14:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

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	0.640	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	0.950	1	A
Endrin	ND		ug/kg	0.704	0.288	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	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	7.92		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.985	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.557	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01 Date Collected: 06/11/24 08:35

Client ID: B-10 (3.5-4) Date Received: 06/11/24

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	74		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 18:02
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 14:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.697	0.312	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.635	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	1.67	1.35	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.976	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03 Date Collected: 06/11/24 11:20

Client ID: B-12 (3-3.5) Date Received: 06/11/24

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	87		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	**438**	Q	30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07
Client ID: B-16 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/11/24 14:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/17/24 18:13
Analyst: EMR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 14:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	B
Lindane	ND		ug/kg	0.716	0.320	1	B
Alpha-BHC	ND		ug/kg	0.716	0.203	1	B
Beta-BHC	ND		ug/kg	1.72	0.651	1	B
Heptachlor	ND		ug/kg	0.859	0.385	1	B
Aldrin	ND		ug/kg	1.72	0.605	1	B
Heptachlor epoxide	ND		ug/kg	3.22	0.966	1	B
Endrin	ND		ug/kg	0.716	0.293	1	B
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	B
Endrin ketone	ND		ug/kg	1.72	0.442	1	B
Dieldrin	ND		ug/kg	1.07	0.537	1	B
4,4'-DDE	ND		ug/kg	1.72	0.397	1	B
4,4'-DDD	ND		ug/kg	1.72	0.613	1	B
4,4'-DDT	ND		ug/kg	1.72	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.406	1	B
Endosulfan II	ND		ug/kg	1.72	0.574	1	B
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	B
Methoxychlor	ND		ug/kg	3.22	1.00	1	B
Toxaphene	ND		ug/kg	32.2	9.02	1	B
cis-Chlordane	ND		ug/kg	2.15	0.598	1	B
trans-Chlordane	ND		ug/kg	2.15	0.567	1	B
Chlordane	ND		ug/kg	14.3	5.69	1	B

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432804

Project Number: 13581 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07 Date Collected: 06/11/24 14:10

Client ID: B-16 (3.5-4) Date Received: 06/11/24

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	50		30-150	A
Decachlorobiphenyl	**22**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/17/24 09:54
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,07 Batch: WG1934962-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.650	0.290	A
Alpha-BHC	ND		ug/kg	0.650	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.591	A
Heptachlor	ND		ug/kg	0.780	0.350	A
Aldrin	ND		ug/kg	1.56	0.549	A
Heptachlor epoxide	ND		ug/kg	2.92	0.877	A
Endrin	ND		ug/kg	0.650	0.266	A
Endrin aldehyde	ND		ug/kg	1.95	0.682	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.975	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	1.56	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.910	A
Toxaphene	ND		ug/kg	29.2	8.19	A
cis-Chlordane	ND		ug/kg	1.95	0.543	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	13.0	5.16	A

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/17/24 09:54
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/16/24 10:43
Cleanup Method: EPA 3620B
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,07 Batch: WG1934962-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	88		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,07 Batch: WG1934962-2 WG1934962-3									
Delta-BHC	80		74		30-150	8		30	A
Lindane	75		72		30-150	4		30	A
Alpha-BHC	76		75		30-150	1		30	A
Beta-BHC	75		72		30-150	4		30	A
Heptachlor	76		76		30-150	0		30	A
Aldrin	74		72		30-150	3		30	A
Heptachlor epoxide	66		62		30-150	6		30	A
Endrin	83		77		30-150	8		30	A
Endrin aldehyde	72		66		30-150	9		30	A
Endrin ketone	75		70		30-150	7		30	A
Dieldrin	84		79		30-150	6		30	A
4,4'-DDE	74		70		30-150	6		30	A
4,4'-DDD	83		75		30-150	10		30	A
4,4'-DDT	83		70		30-150	17		30	A
Endosulfan I	75		70		30-150	7		30	A
Endosulfan II	81		74		30-150	9		30	A
Endosulfan sulfate	75		69		30-150	8		30	A
Methoxychlor	101		82		30-150	21		30	A
cis-Chlordane	70		67		30-150	4		30	A
trans-Chlordane	82		79		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,07 Batch: WG1934962-2 WG1934962-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		80		30-150	A
Decachlorobiphenyl	105		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		87		30-150	B
Decachlorobiphenyl	104		94		30-150	B

METALS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01
Client ID: B-10 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/11/24 08:35
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6580		mg/kg	8.44	2.28	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Antimony, Total	2.58	J	mg/kg	4.22	0.321	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Arsenic, Total	63.5		mg/kg	0.844	0.176	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Barium, Total	195		mg/kg	0.844	0.147	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.342	J	mg/kg	0.422	0.028	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.804	J	mg/kg	0.844	0.083	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Calcium, Total	2760		mg/kg	8.44	2.95	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Chromium, Total	42.7		mg/kg	0.844	0.081	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Cobalt, Total	6.93		mg/kg	1.69	0.140	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Copper, Total	125		mg/kg	0.844	0.218	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Iron, Total	24000		mg/kg	4.22	0.762	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Lead, Total	1050		mg/kg	4.22	0.226	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Magnesium, Total	2650		mg/kg	8.44	1.30	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Manganese, Total	289		mg/kg	0.844	0.134	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Mercury, Total	0.330		mg/kg	0.070	0.046	1	06/18/24 00:23	06/18/24 11:18	EPA 7471B	1,7471B	MJR
Nickel, Total	19.1		mg/kg	2.11	0.204	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Potassium, Total	1220		mg/kg	211	12.2	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Silver, Total	0.843		mg/kg	0.422	0.239	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Sodium, Total	198		mg/kg	169	2.66	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Thallium, Total	0.577	J	mg/kg	1.69	0.266	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Vanadium, Total	39.8		mg/kg	0.844	0.171	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM
Zinc, Total	332		mg/kg	4.22	0.247	2	06/17/24 23:32	06/18/24 08:52	EPA 3050B	1,6010D	HJM

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/11/24 11:20
Date Received: 06/11/24
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	2500		mg/kg	8.54	2.30	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Antimony, Total	0.840	J	mg/kg	4.27	0.324	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Arsenic, Total	59.3		mg/kg	0.854	0.178	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Barium, Total	86.9		mg/kg	0.854	0.148	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.298	J	mg/kg	0.427	0.028	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.854	0.084	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Calcium, Total	6000		mg/kg	8.54	2.99	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Chromium, Total	7.61		mg/kg	0.854	0.082	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Cobalt, Total	3.55		mg/kg	1.71	0.142	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Copper, Total	54.3		mg/kg	0.854	0.220	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Iron, Total	20700		mg/kg	4.27	0.771	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Lead, Total	168		mg/kg	4.27	0.229	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Magnesium, Total	611		mg/kg	8.54	1.31	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Manganese, Total	117		mg/kg	0.854	0.136	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Mercury, Total	0.103		mg/kg	0.075	0.049	1	06/18/24 00:23	06/18/24 12:31	EPA 7471B	1,7471B	MJR
Nickel, Total	13.9		mg/kg	2.13	0.206	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Potassium, Total	362		mg/kg	213	12.3	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Selenium, Total	0.267	J	mg/kg	1.71	0.220	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Silver, Total	0.714		mg/kg	0.427	0.242	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Sodium, Total	156	J	mg/kg	171	2.69	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Thallium, Total	0.386	J	mg/kg	1.71	0.269	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Vanadium, Total	31.9		mg/kg	0.854	0.173	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM
Zinc, Total	76.5		mg/kg	4.27	0.250	2	06/17/24 23:32	06/18/24 10:28	EPA 3050B	1,6010D	HJM

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07
Client ID: B-16 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/11/24 14:10
Date Received: 06/11/24
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	4250		mg/kg	8.43	2.28	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Antimony, Total	10.9		mg/kg	4.22	0.320	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Arsenic, Total	9.28		mg/kg	0.843	0.175	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Barium, Total	249		mg/kg	0.843	0.147	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.286	J	mg/kg	0.422	0.028	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.930		mg/kg	0.843	0.083	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Calcium, Total	4180		mg/kg	8.43	2.95	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Chromium, Total	23.9		mg/kg	0.843	0.081	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Cobalt, Total	4.63		mg/kg	1.69	0.140	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Copper, Total	118		mg/kg	0.843	0.218	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Iron, Total	22100		mg/kg	4.22	0.762	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Lead, Total	1640		mg/kg	4.22	0.226	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Magnesium, Total	1710		mg/kg	8.43	1.30	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Manganese, Total	162		mg/kg	0.843	0.134	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Mercury, Total	0.185		mg/kg	0.074	0.048	1	06/18/24 00:23	06/18/24 12:34	EPA 7471B	1,7471B	MJR
Nickel, Total	20.2		mg/kg	2.11	0.204	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Potassium, Total	555		mg/kg	211	12.1	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Selenium, Total	0.237	J	mg/kg	1.69	0.218	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Silver, Total	0.953		mg/kg	0.422	0.239	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Sodium, Total	157	J	mg/kg	169	2.66	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Thallium, Total	0.490	J	mg/kg	1.69	0.266	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Vanadium, Total	43.0		mg/kg	0.843	0.171	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM
Zinc, Total	576		mg/kg	4.22	0.247	2	06/17/24 23:32	06/18/24 10:32	EPA 3050B	1,6010D	HJM

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

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): 01,03,07 Batch: WG1935294-1										
Aluminum, Total	1.18	J	mg/kg	4.00	1.08	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Iron, Total	18.7		mg/kg	2.00	0.361	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Potassium, Total	ND		mg/kg	100	5.76	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/17/24 23:32	06/18/24 09:20	1,6010D	HJM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,07 Batch: WG1935297-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/18/24 00:23	06/18/24 11:11	1,7471B	MJR

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

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: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,07 Batch: WG1935294-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	105		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	101		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	100		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	103		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	102		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,07 Batch: WG1935294-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,07 Batch: WG1935297-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432804
Report Date: 07/02/24

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): 01,03,07 QC Batch ID: WG1935294-3 QC Sample: L2432804-01 Client ID: B-10 (3.5-4)												
Aluminum, Total	6580	166	7570	**598**	Q	-	-		75-125	-		20
Antimony, Total	2.58J	41.4	37.7	91		-	-		75-125	-		20
Arsenic, Total	63.5	9.94	59.3	**0**	Q	-	-		75-125	-		20
Barium, Total	195	166	321	76		-	-		75-125	-		20
Beryllium, Total	0.342J	4.14	4.34	105		-	-		75-125	-		20
Cadmium, Total	0.804J	4.39	4.36	99		-	-		75-125	-		20
Calcium, Total	2760	828	4580	**220**	Q	-	-		75-125	-		20
Chromium, Total	42.7	16.6	35.6	**0**	Q	-	-		75-125	-		20
Cobalt, Total	6.93	41.4	43.9	89		-	-		75-125	-		20
Copper, Total	125	20.7	103	**0**	Q	-	-		75-125	-		20
Iron, Total	24000	82.8	18800	**0**	Q	-	-		75-125	-		20
Lead, Total	1050	43.9	451	**0**	Q	-	-		75-125	-		20
Magnesium, Total	2650	828	4690	**246**	Q	-	-		75-125	-		20
Manganese, Total	289	41.4	285	**0**	Q	-	-		75-125	-		20
Nickel, Total	19.1	41.4	52.9	82		-	-		75-125	-		20
Potassium, Total	1220	828	2140	111		-	-		75-125	-		20
Selenium, Total	ND	9.94	9.03	91		-	-		75-125	-		20
Silver, Total	0.843	4.14	4.51	88		-	-		75-125	-		20
Sodium, Total	198	828	1000	97		-	-		75-125	-		20
Thallium, Total	0.577J	9.94	9.08	91		-	-		75-125	-		20
Vanadium, Total	39.8	41.4	73.0	80		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432804
Report Date: 07/02/24

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): 01,03,07 QC Batch ID: WG1935294-3 QC Sample: L2432804-01 Client ID: B-10 (3.5-4)										
Zinc, Total	332	41.4	268	**0**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,07 QC Batch ID: WG1935297-3 QC Sample: L2432804-01 Client ID: B-10 (3.5-4)										
Mercury, Total	0.330	1.41	1.72	98		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432804
Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,07 QC Batch ID: WG1935294-4 QC Sample: L2432804-01 Client ID: B-10 (3.5-4)						
Aluminum, Total	6580	7710	mg/kg	16		20
Antimony, Total	2.58J	2.36J	mg/kg	NC		20
Arsenic, Total	63.5	72.4	mg/kg	13		20
Barium, Total	195	207	mg/kg	6		20
Beryllium, Total	0.342J	0.349J	mg/kg	NC		20
Cadmium, Total	0.804J	0.776J	mg/kg	NC		20
Calcium, Total	2760	2430	mg/kg	13		20
Chromium, Total	42.7	23.6	mg/kg	**58**	Q	20
Cobalt, Total	6.93	6.73	mg/kg	3		20
Copper, Total	125	124	mg/kg	1		20
Iron, Total	24000	21400	mg/kg	11		20
Lead, Total	1050	667	mg/kg	**45**	Q	20
Magnesium, Total	2650	3210	mg/kg	19		20
Manganese, Total	289	267	mg/kg	8		20
Nickel, Total	19.1	20.0	mg/kg	5		20
Potassium, Total	1220	1360	mg/kg	11		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	0.843	0.725	mg/kg	15		20
Sodium, Total	198	212	mg/kg	7		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,07 QC Batch ID: WG1935294-4 QC Sample: L2432804-01 Client ID: B-10 (3.5-4)						
Thallium, Total	0.577J	0.867J	mg/kg	NC		20
Vanadium, Total	39.8	43.4	mg/kg	9		20
Zinc, Total	332	337	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,07 QC Batch ID: WG1935297-4 QC Sample: L2432804-01 Client ID: B-10 (3.5-4)						
Mercury, Total	0.330	0.622	mg/kg	**61**	Q	20

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2432804
Report Date: 07/02/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,07 QC Batch ID: WG1935294-6 QC Sample: L2432804-01 Client ID: B-10 (3.5-4)						
Aluminum, Total	6580	6800	mg/kg	3		20
Arsenic, Total	63.5	64.2	mg/kg	1		20
Barium, Total	195	202	mg/kg	4		20
Calcium, Total	2760	2900	mg/kg	5		20
Chromium, Total	42.7	45.0	mg/kg	5		20
Copper, Total	125	131	mg/kg	5		20
Iron, Total	24000	26400	mg/kg	10		20
Lead, Total	1050	1100	mg/kg	5		20
Magnesium, Total	2650	2880	mg/kg	9		20
Manganese, Total	289	306	mg/kg	6		20
Vanadium, Total	39.8	41.4	mg/kg	4		20
Zinc, Total	332	364	mg/kg	10		20

INORGANICS
&
MISCELLANEOUS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-01
Client ID: B-10 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 08:35
Date Received: 06/11/24
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	-	06/12/24 09:57	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/17/24 19:50	06/18/24 13:23	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-03
Client ID: B-12 (3-3.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 11:20
Date Received: 06/11/24
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	90.4		%	0.100	NA	1	-	06/12/24 09:57	121,2540G	ROI
Cyanide, Total	0.32	J	mg/kg	1.0	0.22	1	06/17/24 19:50	06/18/24 13:24	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2432804-07
Client ID: B-16 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/11/24 14:10
Date Received: 06/11/24
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	91.2		%	0.100	NA	1	-	06/12/24 09:57	121,2540G	ROI
Cyanide, Total	0.46	J	mg/kg	1.1	0.22	1	06/17/24 19:50	06/18/24 13:25	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

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): 01,03,07 Batch: WG1935519-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	06/17/24 19:50	06/18/24 13:14	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01,03,07		Batch: WG1935519-2		WG1935519-3			
Cyanide, Total	99		101		80-120	2		35

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

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): 01,03,07 QC Batch ID: WG1935519-4 WG1935519-5 QC Sample: L2432791-26 Client ID: MS Sample												
Cyanide, Total	ND	11	12	100		12	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432804

Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,07 QC Batch ID: WG1933215-1 QC Sample: L2432738-01 Client ID: DUP Sample						
Solids, Total	82.5	82.8	%	0		20

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432804
Report Date: 07/02/24

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(*)
L2432804-01A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-01B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-01C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-01D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2432804-01E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2432804-01F	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),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2432804-01G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2432804-01H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2432804-01X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-01Y	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	NYTCL-8260HLW(14)
L2432804-01Z	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	NYTCL-8260HLW(14)
L2432804-02A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-02B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-02C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-02D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2432804-02E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2432804-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2432804-02G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-1633(90)
L2432804-02H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2432804-02X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432804
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432804-02Y	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	HOLD-8260HLW(14)
L2432804-02Z	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	HOLD-8260HLW(14)
L2432804-03A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-03B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-03C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-03D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2432804-03E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2432804-03F	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),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2432804-03G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2432804-03H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2432804-03X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-03Y	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	NYTCL-8260HLW(14)
L2432804-03Z	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	NYTCL-8260HLW(14)
L2432804-04A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-04B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-04C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-04D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2432804-04E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2432804-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2432804-04G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-1633(90)
L2432804-04H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2432804-04X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-04Y	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	HOLD-8260HLW(14)
L2432804-04Z	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	HOLD-8260HLW(14)
L2432804-05A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432804
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432804-05B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-05C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-05D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2432804-05E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2432804-05F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2432804-05G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-1633(90)
L2432804-05H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2432804-05X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-05Y	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	HOLD-8260HLW(14)
L2432804-05Z	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	HOLD-8260HLW(14)
L2432804-06A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-06B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-06C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-06D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2432804-06E	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		HOLD-WETCHEM()
L2432804-06F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2432804-06G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-1633(90)
L2432804-06H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2432804-06X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		HOLD-8260HLW(14)
L2432804-06Y	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	HOLD-8260HLW(14)
L2432804-06Z	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	HOLD-8260HLW(14)
L2432804-07A	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-07B	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-07C	5 gram Encore Sampler	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-07D	Plastic 2oz unpreserved for TS	A	NA		2.7	Y	Absent		TS(7)
L2432804-07E	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: L2432804
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432804-07F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-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),CA-TI(180),K-TI(180)
L2432804-07G	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2432804-07H	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2432804-07X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L2432804-07Y	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	NYTCL-8260HLW(14)
L2432804-07Z	Vial Water preserved split	A	NA		2.7	Y	Absent	12-JUN-24 11:48	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432804
Report Date: 07/02/24

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: L2432804
Report Date: 07/02/24

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:**	L2432804
Project Number:	13581	**Report Date:**	07/02/24

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:**	L2432804
Project Number:	13581	**Report Date:**	07/02/24

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:**	L2432804
Project Number:	13581	**Report Date:**	07/02/24

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:**	L2432804
Project Number:	13581	**Report Date:**	07/02/24

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 1

Date Rec'd in Lab: 6/12/24

ALPHA Job #: 12432804

Client Information
Client: SESI
Address: 954 US46 F135300 Parsippany NJ 07054
Phone: 973 808 9050
Fax:
Email: AMW@sesi.org

Project Information
Project Name: Webster Ave Bronx
Project Location: 2780 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

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

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	Total Cyanide	1,4 Dioxane	PFAS	Pesticides	Total Bottle	Sample Specific Comments
32804-01	B-10(3.5-4)	6/11/24	835	Soil	CB	✓	✓	✓	✓	✓		
-02	B-11(4-4.5)		1430		CB	H	H	H	H	H		
-03	B-12(3-3.5)		1120		CB	✓	✓	✓	✓	✓		
-04	B-13(2.5-3)		915		CB	H	H	H	H	H		
-05	B-23(3-3.5)		1010		CB	H	H	H	H	H		
	B-14(											
-06	B-15(1.5-2)		1330		CB	H	H	H	H	H		
-07	B-16(3.5-4)		1410	↓	CB	✓	✓	✓	✓	✓		

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	A/P	A/P	P	P	A/P			
Preservative	-	-	-	-	-			

Relinquished By:	Date/Time	Received By:	Date/Time
	6/11/24	WIFI (Pace)	6/11/24 17:17
WIFI (Pace)	6/11/24 1900		6/11/24 19:20
	6/11/24		6/11 2200
	6/12 120		6/12/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2432305
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:	06/27/24

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).

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2432305-01	B-1 (11-11.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 10:40	06/10/24
L2432305-02	B-2 (2.5-3)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 11:20	06/10/24
L2432305-03	B-2 (11.5-12)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 11:25	06/10/24
L2432305-04	B-3 (1.5-2)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 12:20	06/10/24
L2432305-05	B-4 (2-2.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 12:45	06/10/24
L2432305-06	B-5 (9-9.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 14:10	06/10/24
L2432305-07	B-6 (4.5-5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 13:40	06/10/24
L2432305-08	B-7 (2-2.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 13:55	06/10/24
L2432305-09	B-8 (4-4.5)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 13:20	06/10/24
L2432305-10	B-9 (3.5-4)	SOIL	2740 WEBSTER AVE, BRONX, NY	06/10/24 13:00	06/10/24

Project Name:	WEBSTER AVE, BRONX	**Lab Number:**	L2432305
Project Number:	13581	**Report Date:**	06/27/24

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
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Case Narrative (continued)

Report Submission

June 27, 2024: This final report includes the results of all requested analyses.

June 24, 2024: This is a preliminary report.

June 17, 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

The analyses performed were specified by the client.

Volatile Organics

The WG1935169-5 Method Blank, associated with L2432305-07, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Perfluorinated Alkyl Acids by 1633

L2432305-01, -03, -05, -09, -10, WG1937729-1, WG1937729-2 and WG1937729-4/-5: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Total Metals

L2432305-01, -03, -05, -07, -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: Caitlin Walukevich

Title: Technical Director/Representative Date: 06/27/24

ORGANICS

VOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01
Client ID: B-1 (11-11.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 10:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 03:01
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	160	J	ug/kg	240	110	1
1,1-Dichloroethane	ND		ug/kg	49	7.1	1
Chloroform	ND		ug/kg	74	6.9	1
Carbon tetrachloride	ND		ug/kg	49	11.	1
1,2-Dichloropropane	ND		ug/kg	49	6.1	1
Dibromochloromethane	ND		ug/kg	49	6.9	1
1,1,2-Trichloroethane	ND		ug/kg	49	13.	1
Tetrachloroethene	ND		ug/kg	24	9.6	1
Chlorobenzene	ND		ug/kg	24	6.2	1
Trichlorofluoromethane	ND		ug/kg	200	34.	1
1,2-Dichloroethane	ND		ug/kg	49	13.	1
1,1,1-Trichloroethane	ND		ug/kg	24	8.2	1
Bromodichloromethane	ND		ug/kg	24	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	49	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	24	7.8	1
1,3-Dichloropropene, Total	ND		ug/kg	24	7.8	1
1,1-Dichloropropene	ND		ug/kg	24	7.8	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	24	8.1	1
Benzene	ND		ug/kg	24	8.1	1
Toluene	ND		ug/kg	49	27.	1
Ethylbenzene	8.7	J	ug/kg	49	6.9	1
Chloromethane	ND		ug/kg	200	46.	1
Bromomethane	ND		ug/kg	98	28.	1
Vinyl chloride	ND		ug/kg	49	16.	1
Chloroethane	ND		ug/kg	98	22.	1
1,1-Dichloroethene	ND		ug/kg	49	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	74	6.7	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01 Date Collected: 06/10/24 10:40

Client ID: B-1 (11-11.5) Date Received: 06/10/24

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 High - Westborough Lab						
Trichloroethene	ND		ug/kg	24	6.7	1
1,2-Dichlorobenzene	ND		ug/kg	98	7.1	1
1,3-Dichlorobenzene	ND		ug/kg	98	7.3	1
1,4-Dichlorobenzene	ND		ug/kg	98	8.4	1
Methyl tert butyl ether	ND		ug/kg	98	9.9	1
p/m-Xylene	36	J	ug/kg	98	27.	1
o-Xylene	22	J	ug/kg	49	14.	1
Xylenes, Total	58	J	ug/kg	49	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	49	8.6	1
1,2-Dichloroethene, Total	ND		ug/kg	49	6.7	1
Dibromomethane	ND		ug/kg	98	12.	1
Styrene	ND		ug/kg	49	9.6	1
Dichlorodifluoromethane	ND		ug/kg	490	45.	1
Acetone	ND		ug/kg	490	240	1
Carbon disulfide	ND		ug/kg	490	220	1
2-Butanone	ND		ug/kg	490	110	1
Vinyl acetate	ND		ug/kg	490	100	1
4-Methyl-2-pentanone	ND		ug/kg	490	63.	1
1,2,3-Trichloropropane	ND		ug/kg	98	6.2	1
2-Hexanone	ND		ug/kg	490	58.	1
Bromochloromethane	ND		ug/kg	98	10.	1
2,2-Dichloropropane	ND		ug/kg	98	9.9	1
1,2-Dibromoethane	ND		ug/kg	49	14.	1
1,3-Dichloropropane	ND		ug/kg	98	8.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	24	6.5	1
Bromobenzene	ND		ug/kg	98	7.1	1
n-Butylbenzene	12	J	ug/kg	49	8.2	1
sec-Butylbenzene	14	J	ug/kg	49	7.2	1
tert-Butylbenzene	ND		ug/kg	98	5.8	1
o-Chlorotoluene	ND		ug/kg	98	9.4	1
p-Chlorotoluene	ND		ug/kg	98	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	49.	1
Hexachlorobutadiene	ND		ug/kg	200	8.3	1
Isopropylbenzene	7.6	J	ug/kg	49	5.4	1
p-Isopropyltoluene	37	J	ug/kg	49	5.4	1
Naphthalene	11000		ug/kg	200	32.	1
Acrylonitrile	ND		ug/kg	200	56.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01 Date Collected: 06/10/24 10:40

Client ID: B-1 (11-11.5) Date Received: 06/10/24

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 High - Westborough Lab						
n-Propylbenzene	12	J	ug/kg	49	8.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	98	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	98	13.	1
1,3,5-Trimethylbenzene	120		ug/kg	98	9.5	1
1,2,4-Trimethylbenzene	210		ug/kg	98	16.	1
1,4-Dioxane	ND		ug/kg	3900	1700	1
p-Diethylbenzene	160		ug/kg	98	8.7	1
p-Ethyltoluene	91	J	ug/kg	98	19.	1
1,2,4,5-Tetramethylbenzene	110		ug/kg	98	9.4	1
Ethyl ether	ND		ug/kg	98	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	240	70.	1
Tentatively Identified Compounds						
Total TIC Compounds	27800	J	ug/kg			1
Unknown Aromatic	1460	J	ug/kg			1
Acenaphthene	3900	NJ	ug/kg			1
Unknown	8790	J	ug/kg			1
Unknown Naphthalene	2130	J	ug/kg			1
Fluorene	1220	NJ	ug/kg			1
Unknown Naphthalene	1130	J	ug/kg			1
Unknown Naphthalene	2360	J	ug/kg			1
Unknown	3870	J	ug/kg			1
Unknown Aromatic	934	J	ug/kg			1
Unknown	1970	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	103		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03
Client ID: B-2 (11.5-12)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 11:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 02:38
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	4.3	J	ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.72	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.3	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03 Date Collected: 06/10/24 11:25

Client ID: B-2 (11.5-12) Date Received: 06/10/24

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

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03 Date Collected: 06/10/24 11:25

Client ID: B-2 (11.5-12) Date Received: 06/10/24

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	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	2.0	1
Tentatively Identified Compounds						
Total TIC Compounds	7.00	J	ug/kg			1
Unknown	7.00	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	99		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05
Client ID: B-4 (2-2.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 12:45
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 02:15
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	3.6	J	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	0.82	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	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	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	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	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: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05 Date Collected: 06/10/24 12:45

Client ID: B-4 (2-2.5) Date Received: 06/10/24

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	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	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	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	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	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	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	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	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	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	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	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05 Date Collected: 06/10/24 12:45

Client ID: B-4 (2-2.5) Date Received: 06/10/24

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	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	5.45	J	ug/kg			1
Unknown	5.45	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	98		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07
Client ID: B-6 (4.5-5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 13:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 11:43
Analyst: RAW
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.5	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	0.49	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	0.97	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	0.97	0.26	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	0.15	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	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.33	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	1.5	0.13	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07 Date Collected: 06/10/24 13:40

Client ID: B-6 (4.5-5) Date Received: 06/10/24

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	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	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	5.6	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	0.49	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	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.11	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: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07
Client ID: B-6 (4.5-5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 13:40
Date Received: 06/10/24
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	0.17	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	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	9.10	J	ug/kg			1
Unknown	9.10	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	94		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09
Client ID: B-8 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 13:20
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/15/24 15:43
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09 Date Collected: 06/10/24 13:20

Client ID: B-8 (4-4.5) Date Received: 06/10/24

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	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	8.9	J	ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.82	1
Acrylonitrile	ND		ug/kg	5.1	1.4	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09 Date Collected: 06/10/24 13:20

Client ID: B-8 (4-4.5) Date Received: 06/10/24

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	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	105		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10
Client ID: B-9 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 13:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 01:29
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	3.0	J	ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	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	0.15	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	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	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: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10 Date Collected: 06/10/24 13:00

Client ID: B-9 (3.5-4) Date Received: 06/10/24

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	0.52	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	0.96	1
Acetone	15		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	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	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10 Date Collected: 06/10/24 13:00

Client ID: B-9 (3.5-4) Date Received: 06/10/24

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	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	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	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	4.42	J	ug/kg			1
Unknown	4.42	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	100		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05,10 Batch: WG1934454-5					
Methylene chloride	2.9	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:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05,10 Batch: WG1934454-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.32	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	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: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05,10 Batch: WG1934454-5					
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	1.2	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			
Total TIC Compounds	3.49	J	ug/kg
Unknown	3.49	J	ug/kg

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05,10 Batch: WG1934454-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	92		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1934458-5					
Methylene chloride	140	J	ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1934458-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	16	J	ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1934458-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	63	J	ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	174	J	ug/kg
Unknown	174	J	ug/kg

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/24 22:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1934458-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	92		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 10:04
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1935163-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 10:04
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1935163-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.35	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	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: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 10:04
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1935163-5					
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: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/15/24 10:04
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1935163-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/14/24 11:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1935169-5					
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	3.1		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:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/14/24 11:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1935169-5					
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: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/14/24 11:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1935169-5					
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	0.40	J	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	9.80	J	ug/kg
Unknown	9.80	J	ug/kg

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
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Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/14/24 11:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1935169-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05,10 Batch: WG1934454-3 WG1934454-4								
Methylene chloride	101		102		70-130	1		30
1,1-Dichloroethane	93		91		70-130	2		30
Chloroform	95		96		70-130	1		30
Carbon tetrachloride	93		94		70-130	1		30
1,2-Dichloropropane	89		88		70-130	1		30
Dibromochloromethane	98		96		70-130	2		30
1,1,2-Trichloroethane	98		93		70-130	5		30
Tetrachloroethene	90		86		70-130	5		30
Chlorobenzene	100		97		70-130	3		30
Trichlorofluoromethane	78		80		70-139	3		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	96		97		70-130	1		30
Bromodichloromethane	94		96		70-130	2		30
trans-1,3-Dichloropropene	109		102		70-130	7		30
cis-1,3-Dichloropropene	95		95		70-130	0		30
1,1-Dichloropropene	100		98		70-130	2		30
Bromoform	98		95		70-130	3		30
1,1,2,2-Tetrachloroethane	77		86		70-130	11		30
Benzene	100		97		70-130	3		30
Toluene	104		97		70-130	7		30
Ethylbenzene	101		98		70-130	3		30
Chloromethane	**46**	Q	**47**	Q	52-130	2		30
Bromomethane	73		69		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05,10 Batch: WG1934454-3 WG1934454-4								
Vinyl chloride	**59**	Q	**59**	Q	67-130	0		30
Chloroethane	71		64		50-151	10		30
1,1-Dichloroethene	100		105		65-135	5		30
trans-1,2-Dichloroethene	98		100		70-130	2		30
Trichloroethene	109		108		70-130	1		30
1,2-Dichlorobenzene	108		102		70-130	6		30
1,3-Dichlorobenzene	104		100		70-130	4		30
1,4-Dichlorobenzene	104		98		70-130	6		30
Methyl tert butyl ether	103		100		66-130	3		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	100		102		70-130	2		30
cis-1,2-Dichloroethene	97		97		70-130	0		30
Dibromomethane	86		88		70-130	2		30
Styrene	94		102		70-130	8		30
Dichlorodifluoromethane	52		53		30-146	2		30
Acetone	**53**	Q	55		54-140	4		30
Carbon disulfide	94		98		59-130	4		30
2-Butanone	**53**	Q	**52**	Q	70-130	2		30
Vinyl acetate	**44**	Q	**42**	Q	70-130	5		30
4-Methyl-2-pentanone	74		72		70-130	3		30
1,2,3-Trichloropropane	99		107		68-130	8		30
2-Hexanone	**55**	Q	**57**	Q	70-130	4		30
Bromochloromethane	94		97		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05,10 Batch: WG1934454-3 WG1934454-4								
2,2-Dichloropropane	99		97		70-130	2		30
1,2-Dibromoethane	102		100		70-130	2		30
1,3-Dichloropropane	104		97		69-130	7		30
1,1,1,2-Tetrachloroethane	102		99		70-130	3		30
Bromobenzene	101		104		70-130	3		30
n-Butylbenzene	116		110		70-130	5		30
sec-Butylbenzene	112		110		70-130	2		30
tert-Butylbenzene	115		115		70-130	0		30
o-Chlorotoluene	105		129		70-130	21		30
p-Chlorotoluene	112		116		70-130	4		30
1,2-Dibromo-3-chloropropane	91		86		68-130	6		30
Hexachlorobutadiene	108		100		67-130	8		30
Isopropylbenzene	118		117		70-130	1		30
p-Isopropyltoluene	98		103		70-130	5		30
Naphthalene	114		111		70-130	3		30
Acrylonitrile	71		71		70-130	0		30
n-Propylbenzene	102		112		70-130	9		30
1,2,3-Trichlorobenzene	107		100		70-130	7		30
1,2,4-Trichlorobenzene	111		103		70-130	7		30
1,3,5-Trimethylbenzene	111		118		70-130	6		30
1,2,4-Trimethylbenzene	116		117		70-130	1		30
1,4-Dioxane	76		83		65-136	9		30
p-Diethylbenzene	114		110		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05,10 Batch: WG1934454-3 WG1934454-4								
p-Ethyltoluene	111		114		70-130	3		30
1,2,4,5-Tetramethylbenzene	100		104		70-130	4		30
Ethyl ether	92		90		67-130	2		30
trans-1,4-Dichloro-2-butene	84		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		96		70-130
Toluene-d8	106		102		70-130
4-Bromofluorobenzene	108		122		70-130
Dibromofluoromethane	89		93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1934458-3 WG1934458-4								
Methylene chloride	101		102		70-130	1		30
1,1-Dichloroethane	93		91		70-130	2		30
Chloroform	95		96		70-130	1		30
Carbon tetrachloride	93		94		70-130	1		30
1,2-Dichloropropane	89		88		70-130	1		30
Dibromochloromethane	98		96		70-130	2		30
1,1,2-Trichloroethane	98		93		70-130	5		30
Tetrachloroethene	90		86		70-130	5		30
Chlorobenzene	100		97		70-130	3		30
Trichlorofluoromethane	78		80		70-139	3		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	96		97		70-130	1		30
Bromodichloromethane	94		96		70-130	2		30
trans-1,3-Dichloropropene	109		102		70-130	7		30
cis-1,3-Dichloropropene	95		95		70-130	0		30
1,1-Dichloropropene	100		98		70-130	2		30
Bromoform	98		95		70-130	3		30
1,1,2,2-Tetrachloroethane	77		86		70-130	11		30
Benzene	100		97		70-130	3		30
Toluene	104		97		70-130	7		30
Ethylbenzene	101		98		70-130	3		30
Chloromethane	**46**	Q	**47**	Q	52-130	2		30
Bromomethane	73		69		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1934458-3 WG1934458-4								
Vinyl chloride	**59**	Q	**59**	Q	67-130	0		30
Chloroethane	71		64		50-151	10		30
1,1-Dichloroethene	100		105		65-135	5		30
trans-1,2-Dichloroethene	98		100		70-130	2		30
Trichloroethene	109		108		70-130	1		30
1,2-Dichlorobenzene	108		102		70-130	6		30
1,3-Dichlorobenzene	104		100		70-130	4		30
1,4-Dichlorobenzene	104		98		70-130	6		30
Methyl tert butyl ether	103		100		66-130	3		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	100		102		70-130	2		30
cis-1,2-Dichloroethene	97		97		70-130	0		30
Dibromomethane	86		88		70-130	2		30
Styrene	94		102		70-130	8		30
Dichlorodifluoromethane	52		53		30-146	2		30
Acetone	**53**	Q	55		54-140	4		30
Carbon disulfide	94		98		59-130	4		30
2-Butanone	**53**	Q	**52**	Q	70-130	2		30
Vinyl acetate	**44**	Q	**42**	Q	70-130	5		30
4-Methyl-2-pentanone	74		72		70-130	3		30
1,2,3-Trichloropropane	99		107		68-130	8		30
2-Hexanone	**55**	Q	**57**	Q	70-130	4		30
Bromochloromethane	94		97		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1934458-3 WG1934458-4								
2,2-Dichloropropane	99		97		70-130	2		30
1,2-Dibromoethane	102		100		70-130	2		30
1,3-Dichloropropane	104		97		69-130	7		30
1,1,1,2-Tetrachloroethane	102		99		70-130	3		30
Bromobenzene	101		104		70-130	3		30
n-Butylbenzene	116		110		70-130	5		30
sec-Butylbenzene	112		110		70-130	2		30
tert-Butylbenzene	115		115		70-130	0		30
o-Chlorotoluene	105		129		70-130	21		30
p-Chlorotoluene	112		116		70-130	4		30
1,2-Dibromo-3-chloropropane	91		86		68-130	6		30
Hexachlorobutadiene	108		100		67-130	8		30
Isopropylbenzene	118		117		70-130	1		30
p-Isopropyltoluene	98		103		70-130	5		30
Naphthalene	114		111		70-130	3		30
Acrylonitrile	71		71		70-130	0		30
n-Propylbenzene	102		112		70-130	9		30
1,2,3-Trichlorobenzene	107		100		70-130	7		30
1,2,4-Trichlorobenzene	111		103		70-130	7		30
1,3,5-Trimethylbenzene	111		118		70-130	6		30
1,2,4-Trimethylbenzene	116		117		70-130	1		30
1,4-Dioxane	76		83		65-136	9		30
p-Diethylbenzene	114		110		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1934458-3 WG1934458-4								
p-Ethyltoluene	111		114		70-130	3		30
1,2,4,5-Tetramethylbenzene	100		104		70-130	4		30
Ethyl ether	92		90		67-130	2		30
trans-1,4-Dichloro-2-butene	84		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		96		70-130
Toluene-d8	106		102		70-130
4-Bromofluorobenzene	108		122		70-130
Dibromofluoromethane	89		93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1935163-3 WG1935163-4								
Methylene chloride	86		77		70-130	11		30
1,1-Dichloroethane	102		97		70-130	5		30
Chloroform	98		95		70-130	3		30
Carbon tetrachloride	93		89		70-130	4		30
1,2-Dichloropropane	100		98		70-130	2		30
Dibromochloromethane	82		82		70-130	0		30
1,1,2-Trichloroethane	92		95		70-130	3		30
Tetrachloroethene	98		94		70-130	4		30
Chlorobenzene	94		92		70-130	2		30
Trichlorofluoromethane	109		98		70-139	11		30
1,2-Dichloroethane	99		99		70-130	0		30
1,1,1-Trichloroethane	97		93		70-130	4		30
Bromodichloromethane	88		87		70-130	1		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	91		90		70-130	1		30
1,1-Dichloropropene	100		94		70-130	6		30
Bromoform	71		73		70-130	3		30
1,1,2,2-Tetrachloroethane	87		89		70-130	2		30
Benzene	98		94		70-130	4		30
Toluene	95		92		70-130	3		30
Ethylbenzene	98		93		70-130	5		30
Chloromethane	128		119		52-130	7		30
Bromomethane	114		108		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1935163-3 WG1935163-4								
Vinyl chloride	106		102		67-130	4		30
Chloroethane	106		100		50-151	6		30
1,1-Dichloroethene	91		80		65-135	13		30
trans-1,2-Dichloroethene	96		83		70-130	15		30
Trichloroethene	96		91		70-130	5		30
1,2-Dichlorobenzene	89		88		70-130	1		30
1,3-Dichlorobenzene	92		90		70-130	2		30
1,4-Dichlorobenzene	90		88		70-130	2		30
Methyl tert butyl ether	83		83		66-130	0		30
p/m-Xylene	99		95		70-130	4		30
o-Xylene	95		91		70-130	4		30
cis-1,2-Dichloroethene	85		82		70-130	4		30
Dibromomethane	88		90		70-130	2		30
Styrene	93		91		70-130	2		30
Dichlorodifluoromethane	96		91		30-146	5		30
Acetone	116		113		54-140	3		30
Carbon disulfide	101		86		59-130	16		30
2-Butanone	98		109		70-130	11		30
Vinyl acetate	103		108		70-130	5		30
4-Methyl-2-pentanone	79		85		70-130	7		30
1,2,3-Trichloropropane	89		92		68-130	3		30
2-Hexanone	82		90		70-130	9		30
Bromochloromethane	88		89		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1935163-3 WG1935163-4								
2,2-Dichloropropane	98		94		70-130	4		30
1,2-Dibromoethane	87		88		70-130	1		30
1,3-Dichloropropane	94		94		69-130	0		30
1,1,1,2-Tetrachloroethane	87		84		70-130	4		30
Bromobenzene	87		84		70-130	4		30
n-Butylbenzene	103		97		70-130	6		30
sec-Butylbenzene	99		93		70-130	6		30
tert-Butylbenzene	91		88		70-130	3		30
o-Chlorotoluene	110		106		70-130	4		30
p-Chlorotoluene	94		90		70-130	4		30
1,2-Dibromo-3-chloropropane	69		74		68-130	7		30
Hexachlorobutadiene	86		82		67-130	5		30
Isopropylbenzene	94		89		70-130	5		30
p-Isopropyltoluene	94		89		70-130	5		30
Naphthalene	74		78		70-130	5		30
Acrylonitrile	109		118		70-130	8		30
n-Propylbenzene	100		94		70-130	6		30
1,2,3-Trichlorobenzene	83		84		70-130	1		30
1,2,4-Trichlorobenzene	86		84		70-130	2		30
1,3,5-Trimethylbenzene	95		91		70-130	4		30
1,2,4-Trimethylbenzene	92		89		70-130	3		30
1,4-Dioxane	83		92		65-136	10		30
p-Diethylbenzene	93		88		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1935163-3 WG1935163-4								
p-Ethyltoluene	95		90		70-130	5		30
1,2,4,5-Tetramethylbenzene	84		81		70-130	4		30
Ethyl ether	85		82		67-130	4		30
trans-1,4-Dichloro-2-butene	90		93		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		111		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	104		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1935169-3 WG1935169-4								
Methylene chloride	95		92		70-130	3		30
1,1-Dichloroethane	91		**138**	Q	70-130	**41**	Q	30
Chloroform	92		91		70-130	1		30
Carbon tetrachloride	84		83		70-130	1		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	89		86		70-130	3		30
1,1,2-Trichloroethane	99		96		70-130	3		30
Tetrachloroethene	85		84		70-130	1		30
Chlorobenzene	94		90		70-130	4		30
Trichlorofluoromethane	97		92		70-139	5		30
1,2-Dichloroethane	92		94		70-130	2		30
1,1,1-Trichloroethane	91		92		70-130	1		30
Bromodichloromethane	90		92		70-130	2		30
trans-1,3-Dichloropropene	104		101		70-130	3		30
cis-1,3-Dichloropropene	98		96		70-130	2		30
1,1-Dichloropropene	90		91		70-130	1		30
Bromoform	83		82		70-130	1		30
1,1,2,2-Tetrachloroethane	95		98		70-130	3		30
Benzene	94		95		70-130	1		30
Toluene	92		91		70-130	1		30
Ethylbenzene	97		96		70-130	1		30
Chloromethane	82		79		52-130	4		30
Bromomethane	92		88		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1935169-3 WG1935169-4								
Vinyl chloride	90		87		67-130	3		30
Chloroethane	111		105		50-151	6		30
1,1-Dichloroethene	93		90		65-135	3		30
trans-1,2-Dichloroethene	112		106		70-130	6		30
Trichloroethene	98		98		70-130	0		30
1,2-Dichlorobenzene	92		93		70-130	1		30
1,3-Dichlorobenzene	94		95		70-130	1		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	**137**	Q	**131**	Q	66-130	4		30
p/m-Xylene	94		93		70-130	1		30
o-Xylene	92		90		70-130	2		30
cis-1,2-Dichloroethene	89		88		70-130	1		30
Dibromomethane	93		93		70-130	0		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	62		60		30-146	3		30
Acetone	110		108		54-140	2		30
Carbon disulfide	92		87		59-130	6		30
2-Butanone	94		94		70-130	0		30
Vinyl acetate	79		82		70-130	4		30
4-Methyl-2-pentanone	103		104		70-130	1		30
1,2,3-Trichloropropane	102		103		68-130	1		30
2-Hexanone	109		106		70-130	3		30
Bromochloromethane	85		81		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1935169-3 WG1935169-4								
2,2-Dichloropropane	93		94		70-130	1		30
1,2-Dibromoethane	96		93		70-130	3		30
1,3-Dichloropropane	100		100		69-130	0		30
1,1,1,2-Tetrachloroethane	90		90		70-130	0		30
Bromobenzene	92		91		70-130	1		30
n-Butylbenzene	104		104		70-130	0		30
sec-Butylbenzene	96		98		70-130	2		30
tert-Butylbenzene	93		95		70-130	2		30
o-Chlorotoluene	102		104		70-130	2		30
p-Chlorotoluene	100		104		70-130	4		30
1,2-Dibromo-3-chloropropane	86		90		68-130	5		30
Hexachlorobutadiene	74		76		67-130	3		30
Isopropylbenzene	98		100		70-130	2		30
p-Isopropyltoluene	95		97		70-130	2		30
Naphthalene	96		96		70-130	0		30
Acrylonitrile	92		95		70-130	3		30
n-Propylbenzene	103		104		70-130	1		30
1,2,3-Trichlorobenzene	87		86		70-130	1		30
1,2,4-Trichlorobenzene	90		88		70-130	2		30
1,3,5-Trimethylbenzene	98		98		70-130	0		30
1,2,4-Trimethylbenzene	99		100		70-130	1		30
1,4-Dioxane	96		98		65-136	2		30
p-Diethylbenzene	98		97		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1935169-3 WG1935169-4								
p-Ethyltoluene	98		99		70-130	1		30
1,2,4,5-Tetramethylbenzene	96		95		70-130	1		30
Ethyl ether	103		96		67-130	7		30
trans-1,4-Dichloro-2-butene	113		115		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	103		100		70-130
4-Bromofluorobenzene	108		107		70-130
Dibromofluoromethane	90		93		70-130

SEMIVOLATILES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01
Client ID: B-1 (11-11.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 10:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 11:09
Analyst: ALS
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1500		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	2200		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	2000		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01 Date Collected: 06/10/24 10:40

Client ID: B-1 (11-11.5) Date Received: 06/10/24

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	720		ug/kg	100	20.	1
Benzo(a)pyrene	430		ug/kg	140	43.	1
Benzo(b)fluoranthene	780		ug/kg	100	30.	1
Benzo(k)fluoranthene	180		ug/kg	100	28.	1
Chrysene	770		ug/kg	100	18.	1
Acenaphthylene	210		ug/kg	140	27.	1
Anthracene	730		ug/kg	100	34.	1
Benzo(ghi)perylene	200		ug/kg	140	21.	1
Fluorene	1400		ug/kg	180	17.	1
Phenanthrene	3100		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	58	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	210		ug/kg	140	24.	1
Pyrene	1600		ug/kg	100	17.	1
Biphenyl	310	J	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	1400		ug/kg	180	17.	1
2-Methylnaphthalene	1400		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01 Date Collected: 06/10/24 10:40

Client ID: B-1 (11-11.5) Date Received: 06/10/24

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	340		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	4520	J	ug/kg			1
Unknown PAH	525	J	ug/kg			1
Unknown Naphthalene	391	J	ug/kg			1
Unknown PAH	199	J	ug/kg			1
Unknown PAH	358	J	ug/kg			1
Unknown PAH	396	J	ug/kg			1
Unknown Thiophene	317	J	ug/kg			1
Unknown	362	J	ug/kg			1
Unknown Naphthalene	381	J	ug/kg			1
Unknown PAH	230	J	ug/kg			1
Unknown	207	J	ug/kg			1
Unknown Naphthalene	178	J	ug/kg			1
Unknown Naphthalene	420	J	ug/kg			1
Unknown PAH	180	J	ug/kg			1
Unknown Naphthalene	197	J	ug/kg			1
Unknown Ketone	178	J	ug/kg			1

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01
Client ID: B-1 (11-11.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 10:40
Date Received: 06/10/24
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	66		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	45		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01
Client ID: B-1 (11-11.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 10:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/23/24 20:41
Analyst: SL
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.772	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.386	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.193	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.193	0.045	1
Perfluoroheptanoic Acid (PFHpA)	0.029	J	ng/g	0.193	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.193	0.057	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.193	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.432	J	ng/g	0.772	0.270	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.193	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.193	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.193	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.193	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.772	0.374	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.193	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.193	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.193	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.193	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.193	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.193	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.193	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.193	0.103	1
PFOA/PFOS, Total	ND		ng/g	0.193	0.050	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01 Date Collected: 06/10/24 10:40

Client ID: B-1 (11-11.5) Date Received: 06/10/24

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)	86		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		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)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	114		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**212**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03
Client ID: B-2 (11.5-12)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 11:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 11:32
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03 Date Collected: 06/10/24 11:25

Client ID: B-2 (11.5-12) Date Received: 06/10/24

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	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03 Date Collected: 06/10/24 11:25

Client ID: B-2 (11.5-12) Date Received: 06/10/24

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	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	67		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03
Client ID: B-2 (11.5-12)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 11:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/23/24 21:19
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.785	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.392	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)	0.050	J	ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	0.059	J	ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	0.082	J	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)	0.049	J	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	0.082	J	ng/g	0.196	0.051	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03 Date Collected: 06/10/24 11:25

Client ID: B-2 (11.5-12) Date Received: 06/10/24

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)	81		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		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)	71		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		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)	90		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**166**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05
Client ID: B-4 (2-2.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 12:45
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 11:55
Analyst: ALS
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1300		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	42	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05 Date Collected: 06/10/24 12:45

Client ID: B-4 (2-2.5) Date Received: 06/10/24

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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	620		ug/kg	120	22.	1
Benzo(a)pyrene	500		ug/kg	160	48.	1
Benzo(b)fluoranthene	590		ug/kg	120	33.	1
Benzo(k)fluoranthene	180		ug/kg	120	31.	1
Chrysene	630		ug/kg	120	20.	1
Acenaphthylene	41	J	ug/kg	160	30.	1
Anthracene	240		ug/kg	120	38.	1
Benzo(ghi)perylene	400		ug/kg	160	23.	1
Fluorene	110	J	ug/kg	200	19.	1
Phenanthrene	1300		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	92	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	380		ug/kg	160	27.	1
Pyrene	1400		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	56	J	ug/kg	200	18.	1
2-Methylnaphthalene	55	J	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05 Date Collected: 06/10/24 12:45

Client ID: B-4 (2-2.5) Date Received: 06/10/24

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	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	53	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	4420	J	ug/kg			1
Unknown PAH	157	J	ug/kg			1
Unknown PAH	184	J	ug/kg			1
Unknown PAH	157	J	ug/kg			1
Unknown PAH	387	J	ug/kg			1
Unknown Ketone	173	J	ug/kg			1
Unknown PAH	300	J	ug/kg			1
Unknown	163	J	ug/kg			1
Unknown PAH	292	J	ug/kg			1
Unknown PAH	316	J	ug/kg			1
Unknown	447	J	ug/kg			1
Unknown PAH	246	J	ug/kg			1
Unknown PAH	389	J	ug/kg			1
Unknown Naphthalene	493	J	ug/kg			1
Unknown PAH	389	J	ug/kg			1
Unknown PAH	328	J	ug/kg			1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05 Date Collected: 06/10/24 12:45

Client ID: B-4 (2-2.5) Date Received: 06/10/24

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	63		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	49		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05
Client ID: B-4 (2-2.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 12:45
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/23/24 21:32
Analyst: SL
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.051	J	ng/g	0.795	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.096	J	ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	0.043	J	ng/g	0.199	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.126	J	ng/g	0.199	0.046	1
Perfluoroheptanoic Acid (PFHpA)	0.156	J	ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	0.096	J	ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.950		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)	0.115	J	ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.662		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	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
PFOA/PFOS, Total	1.61		ng/g	0.199	0.052	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05 Date Collected: 06/10/24 12:45

Client ID: B-4 (2-2.5) Date Received: 06/10/24

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)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		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)	93		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		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)	**173**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	108		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07
Client ID: B-6 (4.5-5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 12:17
Analyst: ALS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	79	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1800		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	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	80	J	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: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07 Date Collected: 06/10/24 13:40

Client ID: B-6 (4.5-5) Date Received: 06/10/24

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	38.	1
Benzo(a)anthracene	840		ug/kg	110	20.	1
Benzo(a)pyrene	1200		ug/kg	140	44.	1
Benzo(b)fluoranthene	1700		ug/kg	110	31.	1
Benzo(k)fluoranthene	420		ug/kg	110	29.	1
Chrysene	940		ug/kg	110	19.	1
Acenaphthylene	200		ug/kg	140	28.	1
Anthracene	330		ug/kg	110	36.	1
Benzo(ghi)perylene	700		ug/kg	140	21.	1
Fluorene	88	J	ug/kg	180	18.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	150		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	640		ug/kg	140	25.	1
Pyrene	1500		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	75.	1
Dibenzofuran	66	J	ug/kg	180	17.	1
2-Methylnaphthalene	47	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	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07 Date Collected: 06/10/24 13:40

Client ID: B-6 (4.5-5) Date Received: 06/10/24

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	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	170	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	1920	J	ug/kg			1
Unknown PAH	193	J	ug/kg			1
Unknown PAH	182	J	ug/kg			1
Unknown PAH	689	J	ug/kg			1
Unknown PAH	230	J	ug/kg			1
Unknown PAH	186	J	ug/kg			1
Unknown	438	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	43		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07
Client ID: B-6 (4.5-5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/23/24 21:45
Analyst: SL
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.780	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.390	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.195	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.195	0.045	1
Perfluoroheptanoic Acid (PFHpA)	0.038	J	ng/g	0.195	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.195	0.058	1
Perfluorooctanoic Acid (PFOA)	0.243		ng/g	0.195	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.780	0.273	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.195	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.195	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.240		ng/g	0.195	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.195	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.780	0.378	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.195	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.195	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.195	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.195	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.195	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.195	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.195	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.195	0.104	1
PFOA/PFOS, Total	0.483		ng/g	0.195	0.051	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07 Date Collected: 06/10/24 13:40

Client ID: B-6 (4.5-5) Date Received: 06/10/24

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)	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)	84		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)	107		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)	76		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)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	140		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)	70		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	61		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	55		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09
Client ID: B-8 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:20
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 12:40
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	29	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	720		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	36	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09 Date Collected: 06/10/24 13:20

Client ID: B-8 (4-4.5) Date Received: 06/10/24

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	370		ug/kg	110	21.	1
Benzo(a)pyrene	450		ug/kg	150	46.	1
Benzo(b)fluoranthene	670		ug/kg	110	32.	1
Benzo(k)fluoranthene	160		ug/kg	110	30.	1
Chrysene	410		ug/kg	110	20.	1
Acenaphthylene	120	J	ug/kg	150	29.	1
Anthracene	120		ug/kg	110	37.	1
Benzo(ghi)perylene	310		ug/kg	150	22.	1
Fluorene	37	J	ug/kg	190	18.	1
Phenanthrene	420		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	65	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	250		ug/kg	150	26.	1
Pyrene	650		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	28	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09 Date Collected: 06/10/24 13:20

Client ID: B-8 (4-4.5) Date Received: 06/10/24

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	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	56	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	358	J	ug/kg			1
Unknown Ketone	183	J	ug/kg			1
Unknown PAH	175	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	51		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09
Client ID: B-8 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:20
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/23/24 21:58
Analyst: SL
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.796	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)	0.036	J	ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.297		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.279	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)	1.22		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	0.796	0.385	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	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)	0.166	J	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	1.52		ng/g	0.199	0.052	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09 Date Collected: 06/10/24 13:20

Client ID: B-8 (4-4.5) Date Received: 06/10/24

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)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		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)	85		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)	106		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)	92		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	98		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**166**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	102		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	57		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10
Client ID: B-9 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 13:03
Analyst: ALS
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/15/24 00:01

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	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	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	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	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	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10 Date Collected: 06/10/24 13:00

Client ID: B-9 (3.5-4) Date Received: 06/10/24

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	100	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	150		ug/kg	110	31.	1
Benzo(k)fluoranthene	42	J	ug/kg	110	30.	1
Chrysene	120		ug/kg	110	19.	1
Acenaphthylene	44	J	ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	75	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	80	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	22	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	77	J	ug/kg	150	26.	1
Pyrene	150		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	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10 Date Collected: 06/10/24 13:00

Client ID: B-9 (3.5-4) Date Received: 06/10/24

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						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	50		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10
Client ID: B-9 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/23/24 22:11
Analyst: SL
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.789	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	0.092	J	ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	0.178	J	ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	1.02		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.789	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)	0.081	J	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	0.789	0.382	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.051	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	1.10	J	ng/g	0.197	0.051	1

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10 Date Collected: 06/10/24 13:00

Client ID: B-9 (3.5-4) Date Received: 06/10/24

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)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	115		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)	88		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		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)	**177**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	38		20-150

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/24 02:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/14/24 06:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09-10 Batch: WG1934254-1					
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	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/24 02:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/14/24 06:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09-10 Batch: WG1934254-1					
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	62.

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/24 02:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/14/24 06:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09-10 Batch: WG1934254-1					
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	96		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	105		18-120

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/23/24 20:02
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03,05,07,09-10 Batch: WG1937729-1					
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: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/23/24 20:02
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03,05,07,09-10 Batch: WG1937729-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112		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)	89		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)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**245**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	95		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934254-2 WG1934254-3								
Acenaphthene	86		81		31-137	6		50
1,2,4-Trichlorobenzene	93		83		38-107	11		50
Hexachlorobenzene	98		92		40-140	6		50
Bis(2-chloroethyl)ether	88		80		40-140	10		50
2-Chloronaphthalene	91		86		40-140	6		50
1,2-Dichlorobenzene	90		82		40-140	9		50
1,3-Dichlorobenzene	91		82		40-140	10		50
1,4-Dichlorobenzene	90		81		28-104	11		50
3,3'-Dichlorobenzidine	85		82		40-140	4		50
2,4-Dinitrotoluene	91		88		40-132	3		50
2,6-Dinitrotoluene	93		88		40-140	6		50
Fluoranthene	95		93		40-140	2		50
4-Chlorophenyl phenyl ether	100		96		40-140	4		50
4-Bromophenyl phenyl ether	101		97		40-140	4		50
Bis(2-chloroisopropyl)ether	94		85		40-140	10		50
Bis(2-chloroethoxy)methane	90		80		40-117	12		50
Hexachlorobutadiene	120		110		40-140	9		50
Hexachlorocyclopentadiene	127		118		40-140	7		50
Hexachloroethane	97		84		40-140	14		50
Isophorone	82		73		40-140	12		50
Naphthalene	88		84		40-140	5		50
Nitrobenzene	87		78		40-140	11		50
NDPA/DPA	89		84		36-157	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934254-2 WG1934254-3								
n-Nitrosodi-n-propylamine	90		83		32-121	8		50
Bis(2-ethylhexyl)phthalate	96		91		40-140	5		50
Butyl benzyl phthalate	98		97		40-140	1		50
Di-n-butylphthalate	95		92		40-140	3		50
Di-n-octylphthalate	99		97		40-140	2		50
Diethyl phthalate	91		86		40-140	6		50
Dimethyl phthalate	90		86		40-140	5		50
Benzo(a)anthracene	95		90		40-140	5		50
Benzo(a)pyrene	102		98		40-140	4		50
Benzo(b)fluoranthene	95		92		40-140	3		50
Benzo(k)fluoranthene	101		96		40-140	5		50
Chrysene	93		90		40-140	3		50
Acenaphthylene	89		84		40-140	6		50
Anthracene	93		90		40-140	3		50
Benzo(ghi)perylene	99		95		40-140	4		50
Fluorene	87		83		40-140	5		50
Phenanthrene	88		86		40-140	2		50
Dibenzo(a,h)anthracene	100		95		40-140	5		50
Indeno(1,2,3-cd)pyrene	100		94		40-140	6		50
Pyrene	94		92		35-142	2		50
Biphenyl	84		79		37-127	6		50
4-Chloroaniline	67		60		40-140	11		50
2-Nitroaniline	88		86		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934254-2 WG1934254-3								
3-Nitroaniline	58		56		26-129	4		50
4-Nitroaniline	81		76		41-125	6		50
Dibenzofuran	90		85		40-140	6		50
2-Methylnaphthalene	91		88		40-140	3		50
1,2,4,5-Tetrachlorobenzene	100		94		40-117	6		50
Acetophenone	86		78		14-144	10		50
2,4,6-Trichlorophenol	104		95		30-130	9		50
p-Chloro-m-cresol	90		86		26-103	5		50
2-Chlorophenol	92		82		25-102	11		50
2,4-Dichlorophenol	89		80		30-130	11		50
2,4-Dimethylphenol	84		76		30-130	10		50
2-Nitrophenol	94		85		30-130	10		50
4-Nitrophenol	85		83		11-114	2		50
2,4-Dinitrophenol	87		84		4-130	4		50
4,6-Dinitro-o-cresol	103		100		10-130	3		50
Pentachlorophenol	97		91		17-109	6		50
Phenol	90		82		26-90	9		50
2-Methylphenol	88		80		30-130.	10		50
3-Methylphenol/4-Methylphenol	86		77		30-130	11		50
2,4,5-Trichlorophenol	98		95		30-130	3		50
Benzoic Acid	62		65		10-110	5		50
Benzyl Alcohol	96		85		40-140	12		50
Carbazole	87		85		54-128	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934254-2 WG1934254-3								
1,4-Dioxane	69		64		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	100		89		25-120
Phenol-d6	90		79		10-120
Nitrobenzene-d5	84		73		23-120
2-Fluorobiphenyl	93		86		30-120
2,4,6-Tribromophenol	103		96		10-136
4-Terphenyl-d14	97		95		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

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): 01,03,05,07,09-10 Batch: WG1937729-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	103		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	107		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	98		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	100		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	107		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	121		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	105		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	116		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	106		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

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): 01,03,05,07,09-10 Batch: WG1937729-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	115				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)	93				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)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**229**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	102				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1937729-3								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	111		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	112		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	113		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	90		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	105		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	109		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	125		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	87		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	135		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	119		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	111		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	133		-		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: L2432305

Report Date: 06/27/24

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

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1937729-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				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)	87				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)	91				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	116				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)	89				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**211**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53				20-150

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 QC Batch ID: WG1937729-4 WG1937729-5 QC Sample: L2432305-01 Client ID: B-1 (11-11.5)												
Perfluorobutanoic Acid (PFBA)	ND	7.66	7.36	96		7.20	91		40-150	2		30
Perfluoropentanoic Acid (PFPeA)	ND	3.83	4.00	104		3.85	98		40-150	4		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.7	1.75	103		1.65	94		40-150	6		30
Perfluorohexanoic Acid (PFHxA)	ND	1.91	1.92	100		1.95	99		40-150	2		30
Perfluoroheptanoic Acid (PFHpA)	0.029J	1.91	2.01	104		1.95	98		40-150	3		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.75	1.67	96		1.61	89		40-150	4		30
Perfluorooctanoic Acid (PFOA)	ND	1.91	1.65	86		1.66	84		40-150	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.432J	7.27	8.08	105		7.41	93		40-150	9		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.82	1.71	94		1.72	92		40-150	1		30
Perfluorononanoic Acid (PFNA)	ND	1.91	1.85	97		1.82	92		40-150	2		30
Perfluorooctanesulfonic Acid (PFOS)	ND	1.78	1.66	94		1.72	94		40-150	4		30
Perfluorodecanoic Acid (PFDA)	ND	1.91	2.00	104		1.85	94		40-150	8		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.35	7.76	106		7.82	103		40-150	1		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.91	1.49	78		1.67	85		40-150	11		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.91	2.01	105		1.89	96		40-150	6		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.85	1.80	98		1.75	92		40-150	3		30
Perfluorooctanesulfonamide (PFOSA)	ND	1.91	1.88	98		1.85	94		40-150	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.91	1.78	93		1.87	95		40-150	5		30
Perfluorododecanoic Acid (PFDoA)	ND	1.91	2.01	105		1.99	101		40-150	1		30
Perfluorotridecanoic Acid (PFTrDA)	ND	1.91	2.34	122		2.00	102		40-150	16		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.91	2.29	120		2.03	103		40-150	12		30

Matrix Spike Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 QC Batch ID: WG1937729-4 WG1937729-5 QC Sample: L2432305-01 Client ID: B-1 (11-11.5)												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84		90		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		86		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**171**	Q	**200**	Q	20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		91		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		95		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		95		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		45		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86		91		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112		116		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		88		20-150

PCBS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01
Client ID: B-1 (11-11.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 10:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 08:46
Analyst: RMP
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.61	1	A
Aroclor 1221	ND		ug/kg	51.9	5.20	1	A
Aroclor 1232	ND		ug/kg	51.9	11.0	1	A
Aroclor 1242	ND		ug/kg	51.9	7.00	1	A
Aroclor 1248	ND		ug/kg	51.9	7.79	1	A
Aroclor 1254	ND		ug/kg	51.9	5.68	1	A
Aroclor 1260	ND		ug/kg	51.9	9.60	1	A
Aroclor 1262	ND		ug/kg	51.9	6.59	1	A
Aroclor 1268	ND		ug/kg	51.9	5.38	1	A
PCBs, Total	ND		ug/kg	51.9	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03
Client ID: B-2 (11.5-12)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 11:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 08:54
Analyst: RMP
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.70	1	A
Aroclor 1248	ND		ug/kg	57.1	8.57	1	A
Aroclor 1254	ND		ug/kg	57.1	6.25	1	A
Aroclor 1260	ND		ug/kg	57.1	10.6	1	A
Aroclor 1262	ND		ug/kg	57.1	7.25	1	A
Aroclor 1268	ND		ug/kg	57.1	5.92	1	A
PCBs, Total	ND		ug/kg	57.1	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05
Client ID: B-4 (2-2.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 12:45
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 09:02
Analyst: RMP
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.5	5.20	1	A
Aroclor 1221	ND		ug/kg	58.5	5.86	1	A
Aroclor 1232	ND		ug/kg	58.5	12.4	1	A
Aroclor 1242	ND		ug/kg	58.5	7.89	1	A
Aroclor 1248	ND		ug/kg	58.5	8.78	1	A
Aroclor 1254	ND		ug/kg	58.5	6.40	1	A
Aroclor 1260	ND		ug/kg	58.5	10.8	1	A
Aroclor 1262	ND		ug/kg	58.5	7.43	1	A
Aroclor 1268	ND		ug/kg	58.5	6.06	1	A
PCBs, Total	ND		ug/kg	58.5	5.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07
Client ID: B-6 (4.5-5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 09:10
Analyst: RMP
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.7	4.68	1	A
Aroclor 1221	ND		ug/kg	52.7	5.28	1	A
Aroclor 1232	ND		ug/kg	52.7	11.2	1	A
Aroclor 1242	ND		ug/kg	52.7	7.10	1	A
Aroclor 1248	ND		ug/kg	52.7	7.90	1	A
Aroclor 1254	ND		ug/kg	52.7	5.76	1	A
Aroclor 1260	13.4	J	ug/kg	52.7	9.73	1	A
Aroclor 1262	ND		ug/kg	52.7	6.69	1	A
Aroclor 1268	6.47	J	ug/kg	52.7	5.46	1	A
PCBs, Total	19.9	J	ug/kg	52.7	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09
Client ID: B-8 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:20
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 09:17
Analyst: RMP
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.4	4.83	1	A
Aroclor 1221	ND		ug/kg	54.4	5.44	1	A
Aroclor 1232	ND		ug/kg	54.4	11.5	1	A
Aroclor 1242	ND		ug/kg	54.4	7.33	1	A
Aroclor 1248	ND		ug/kg	54.4	8.15	1	A
Aroclor 1254	ND		ug/kg	54.4	5.94	1	A
Aroclor 1260	ND		ug/kg	54.4	10.0	1	B
Aroclor 1262	ND		ug/kg	54.4	6.90	1	A
Aroclor 1268	ND		ug/kg	54.4	5.63	1	A
PCBs, Total	ND		ug/kg	54.4	4.83	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10
Client ID: B-9 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 09:25
Analyst: RMP
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

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	5.27	1	A
Aroclor 1232	ND		ug/kg	52.6	11.2	1	A
Aroclor 1242	ND		ug/kg	52.6	7.09	1	A
Aroclor 1248	ND		ug/kg	52.6	7.89	1	A
Aroclor 1254	ND		ug/kg	52.6	5.76	1	B
Aroclor 1260	ND		ug/kg	52.6	9.72	1	A
Aroclor 1262	ND		ug/kg	52.6	6.68	1	A
Aroclor 1268	ND		ug/kg	52.6	5.45	1	A
PCBs, Total	ND		ug/kg	52.6	4.67	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/15/24 08:15
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/14/24 21:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09-10 Batch: WG1934655-1						
Aroclor 1016	ND		ug/kg	49.8	4.42	A
Aroclor 1221	ND		ug/kg	49.8	4.98	A
Aroclor 1232	ND		ug/kg	49.8	10.5	A
Aroclor 1242	ND		ug/kg	49.8	6.71	A
Aroclor 1248	ND		ug/kg	49.8	7.46	A
Aroclor 1254	ND		ug/kg	49.8	5.44	A
Aroclor 1260	ND		ug/kg	49.8	9.19	A
Aroclor 1262	ND		ug/kg	49.8	6.32	A
Aroclor 1268	ND		ug/kg	49.8	5.15	A
PCBs, Total	ND		ug/kg	49.8	4.42	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934655-2 WG1934655-3									
Aroclor 1016	81		79		40-140	3		50	A
Aroclor 1260	74		70		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		71		30-150	A
Decachlorobiphenyl	77		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	B
Decachlorobiphenyl	76		77		30-150	B

PESTICIDES

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01
Client ID: B-1 (11-11.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 10:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 12:08
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.846	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	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.603	1	A
4,4'-DDT	2.94		ug/kg	1.69	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.88	1	A
cis-Chlordane	ND		ug/kg	2.11	0.589	1	A
trans-Chlordane	ND		ug/kg	2.11	0.558	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01 Date Collected: 06/10/24 10:40

Client ID: B-1 (11-11.5) Date Received: 06/10/24

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	78		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03
Client ID: B-2 (11.5-12)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 11:25
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 12:20
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.673	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.625	1	A
Heptachlor epoxide	ND		ug/kg	3.33	0.999	1	A
Endrin	ND		ug/kg	0.740	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	ND		ug/kg	1.78	0.410	1	A
4,4'-DDD	ND		ug/kg	1.78	0.633	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.419	1	A
Endosulfan II	ND		ug/kg	1.78	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03 Date Collected: 06/10/24 11:25

Client ID: B-2 (11.5-12) Date Received: 06/10/24

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	70		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05
Client ID: B-4 (2-2.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 12:45
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 12:32
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

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	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.641	1	A
4,4'-DDT	ND		ug/kg	1.80	1.44	1	B
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	ND		ug/kg	2.25	0.626	1	A
trans-Chlordane	ND		ug/kg	2.25	0.593	1	A
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05 Date Collected: 06/10/24 12:45

Client ID: B-4 (2-2.5) Date Received: 06/10/24

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	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07
Client ID: B-6 (4.5-5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 13:32
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.317	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.533	1	A
4,4'-DDE	3.61		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	6.31		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.994	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	1.72	J	ug/kg	2.13	0.594	1	B
trans-Chlordane	2.48	IP	ug/kg	2.13	0.562	1	A
Chlordane	ND		ug/kg	14.2	5.64	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07 Date Collected: 06/10/24 13:40

Client ID: B-6 (4.5-5) Date Received: 06/10/24

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	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09
Client ID: B-8 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:20
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 13:44
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

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	0.679	1	A
Heptachlor	ND		ug/kg	0.896	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	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	0.664	J	ug/kg	1.79	0.414	1	B
4,4'-DDD	1.12	J	ug/kg	1.79	0.639	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.747	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.41	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	ND		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.9	5.94	1	A

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09 Date Collected: 06/10/24 13:20

Client ID: B-8 (4-4.5) Date Received: 06/10/24

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	71		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10
Client ID: B-9 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY

Date Collected: 06/10/24 13:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/15/24 13:56
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.733	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.549	1	A
4,4'-DDE	1.14	J	ug/kg	1.76	0.407	1	A
4,4'-DDD	1.08	J	ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	ND		ug/kg	2.20	0.612	1	A
trans-Chlordane	0.702	JIP	ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: WEBSTER AVE, BRONX
Lab Number: L2432305
Project Number: 13581
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10
Client ID: B-9 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 13:00
Date Received: 06/10/24
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	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/24 10:21
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/14/24 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09-10 Batch: WG1934401-1						
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	0.878	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.976	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	0.515	A
Chlordane	ND		ug/kg	13.0	5.17	A

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/24 10:21
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 06/14/24 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09-10 Batch: WG1934401-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		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: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934401-2 WG1934401-3									
Delta-BHC	88		82		30-150	7		30	A
Lindane	86		85		30-150	1		30	A
Alpha-BHC	87		87		30-150	0		30	A
Beta-BHC	82		81		30-150	1		30	A
Heptachlor	85		84		30-150	1		30	A
Aldrin	86		85		30-150	1		30	A
Heptachlor epoxide	89		86		30-150	3		30	A
Endrin	93		90		30-150	3		30	A
Endrin aldehyde	78		76		30-150	3		30	A
Endrin ketone	95		92		30-150	3		30	A
Dieldrin	98		94		30-150	4		30	A
4,4'-DDE	91		87		30-150	4		30	A
4,4'-DDD	97		92		30-150	5		30	A
4,4'-DDT	90		88		30-150	2		30	A
Endosulfan I	87		83		30-150	5		30	A
Endosulfan II	91		86		30-150	6		30	A
Endosulfan sulfate	86		81		30-150	6		30	A
Methoxychlor	94		90		30-150	4		30	A
cis-Chlordane	79		78		30-150	1		30	A
trans-Chlordane	76		72		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934401-2 WG1934401-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	A
Decachlorobiphenyl	70		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		88		30-150	B
Decachlorobiphenyl	107		105		30-150	B

METALS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01
Client ID: B-1 (11-11.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 10:40
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7460		mg/kg	8.30	2.24	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.15	0.315	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.49		mg/kg	0.830	0.173	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Barium, Total	64.0		mg/kg	0.830	0.144	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.396	J	mg/kg	0.415	0.027	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.094	J	mg/kg	0.830	0.081	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Calcium, Total	1070		mg/kg	8.30	2.90	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Chromium, Total	32.3		mg/kg	0.830	0.080	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.45		mg/kg	1.66	0.138	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Copper, Total	6.92		mg/kg	0.830	0.214	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Iron, Total	14100		mg/kg	4.15	0.750	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Lead, Total	6.83		mg/kg	4.15	0.222	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Magnesium, Total	2020		mg/kg	8.30	1.28	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Manganese, Total	118		mg/kg	0.830	0.132	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Mercury, Total	0.059	J	mg/kg	0.068	0.045	1	06/14/24 09:25	06/17/24 10:28	EPA 7471B	1,7471B	MJR
Nickel, Total	10.2		mg/kg	2.08	0.201	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Potassium, Total	407		mg/kg	208	12.0	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.66	0.214	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.415	0.235	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Sodium, Total	132	J	mg/kg	166	2.62	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.66	0.262	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Vanadium, Total	24.6		mg/kg	0.830	0.168	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF
Zinc, Total	29.4		mg/kg	4.15	0.243	2	06/14/24 10:30	06/14/24 20:14	EPA 3050B	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03
Client ID: B-2 (11.5-12)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 11:25
Date Received: 06/10/24
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	6590		mg/kg	8.86	2.39	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.43	0.337	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.85		mg/kg	0.886	0.184	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Barium, Total	79.4		mg/kg	0.886	0.154	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.394	J	mg/kg	0.443	0.029	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.202	J	mg/kg	0.886	0.087	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Calcium, Total	3710		mg/kg	8.86	3.10	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Chromium, Total	69.6		mg/kg	0.886	0.085	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.15		mg/kg	1.77	0.147	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Copper, Total	42.1		mg/kg	0.886	0.229	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Iron, Total	12900		mg/kg	4.43	0.800	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Lead, Total	33.9		mg/kg	4.43	0.237	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Magnesium, Total	2750		mg/kg	8.86	1.36	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Manganese, Total	146		mg/kg	0.886	0.141	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Mercury, Total	0.424		mg/kg	0.073	0.048	1	06/14/24 09:25	06/17/24 10:31	EPA 7471B	1,7471B	MJR
Nickel, Total	12.7		mg/kg	2.22	0.214	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Potassium, Total	802		mg/kg	222	12.8	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Selenium, Total	0.466	J	mg/kg	1.77	0.229	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Sodium, Total	226		mg/kg	177	2.79	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.77	0.279	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.0		mg/kg	0.886	0.180	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF
Zinc, Total	49.4		mg/kg	4.43	0.260	2	06/14/24 10:30	06/14/24 20:18	EPA 3050B	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05
Client ID: B-4 (2-2.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 12:45
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6840		mg/kg	8.92	2.41	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Antimony, Total	2.44	J	mg/kg	4.46	0.339	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Arsenic, Total	16.0		mg/kg	0.892	0.186	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Barium, Total	86.4		mg/kg	0.892	0.155	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.334	J	mg/kg	0.446	0.029	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.06		mg/kg	0.892	0.087	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Calcium, Total	3650		mg/kg	8.92	3.12	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Chromium, Total	19.8		mg/kg	0.892	0.086	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.84		mg/kg	1.78	0.148	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Copper, Total	155		mg/kg	0.892	0.230	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Iron, Total	19600		mg/kg	4.46	0.806	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Lead, Total	345		mg/kg	4.46	0.239	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Magnesium, Total	2990		mg/kg	8.92	1.37	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Manganese, Total	239		mg/kg	0.892	0.142	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Mercury, Total	1.22		mg/kg	0.074	0.048	1	06/14/24 09:25	06/17/24 10:34	EPA 7471B	1,7471B	MJR
Nickel, Total	16.1		mg/kg	2.23	0.216	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Potassium, Total	1410		mg/kg	223	12.8	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Selenium, Total	0.680	J	mg/kg	1.78	0.230	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.446	0.252	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Sodium, Total	376		mg/kg	178	2.81	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Thallium, Total	0.288	J	mg/kg	1.78	0.281	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Vanadium, Total	27.7		mg/kg	0.892	0.181	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF
Zinc, Total	275		mg/kg	4.46	0.261	2	06/14/24 10:30	06/14/24 20:22	EPA 3050B	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07
Client ID: B-6 (4.5-5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 13:40
Date Received: 06/10/24
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	8440		mg/kg	8.56	2.31	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Antimony, Total	1.68	J	mg/kg	4.28	0.325	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Arsenic, Total	9.78		mg/kg	0.856	0.178	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Barium, Total	82.8		mg/kg	0.856	0.149	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.321	J	mg/kg	0.428	0.028	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.863		mg/kg	0.856	0.084	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Calcium, Total	2180		mg/kg	8.56	3.00	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Chromium, Total	29.9		mg/kg	0.856	0.082	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.41		mg/kg	1.71	0.142	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Copper, Total	63.9		mg/kg	0.856	0.221	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Iron, Total	20800		mg/kg	4.28	0.773	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Lead, Total	634		mg/kg	4.28	0.229	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Magnesium, Total	4070		mg/kg	8.56	1.32	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Manganese, Total	289		mg/kg	0.856	0.136	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Mercury, Total	0.261		mg/kg	0.069	0.045	1	06/14/24 09:25	06/17/24 10:38	EPA 7471B	1,7471B	MJR
Nickel, Total	17.1		mg/kg	2.14	0.207	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Potassium, Total	1240		mg/kg	214	12.3	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.428	0.242	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Sodium, Total	238		mg/kg	171	2.70	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Thallium, Total	0.631	J	mg/kg	1.71	0.270	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Vanadium, Total	35.7		mg/kg	0.856	0.174	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF
Zinc, Total	332		mg/kg	4.28	0.251	2	06/14/24 10:30	06/14/24 20:26	EPA 3050B	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09
Client ID: B-8 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 13:20
Date Received: 06/10/24
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	8310		mg/kg	8.75	2.36	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Antimony, Total	0.523	J	mg/kg	4.38	0.333	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.18		mg/kg	0.875	0.182	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Barium, Total	64.6		mg/kg	0.875	0.152	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.307	J	mg/kg	0.438	0.029	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.265	J	mg/kg	0.875	0.086	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Calcium, Total	7420		mg/kg	8.75	3.06	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Chromium, Total	21.6		mg/kg	0.875	0.084	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.53		mg/kg	1.75	0.145	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Copper, Total	23.4		mg/kg	0.875	0.226	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Iron, Total	17400		mg/kg	4.38	0.790	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Lead, Total	58.0		mg/kg	4.38	0.235	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Magnesium, Total	4060		mg/kg	8.75	1.35	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Manganese, Total	395		mg/kg	0.875	0.139	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Mercury, Total	0.070	J	mg/kg	0.072	0.047	1	06/14/24 09:25	06/17/24 10:41	EPA 7471B	1,7471B	MJR
Nickel, Total	15.6		mg/kg	2.19	0.212	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Potassium, Total	1710		mg/kg	219	12.6	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.438	0.248	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Sodium, Total	278		mg/kg	175	2.76	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Thallium, Total	0.496	J	mg/kg	1.75	0.276	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Vanadium, Total	28.9		mg/kg	0.875	0.178	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF
Zinc, Total	51.8		mg/kg	4.38	0.256	2	06/14/24 10:30	06/14/24 20:38	EPA 3050B	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10
Client ID: B-9 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Date Collected: 06/10/24 13:00
Date Received: 06/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15200		mg/kg	8.58	2.32	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.29	0.326	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.14		mg/kg	0.858	0.178	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Barium, Total	51.3		mg/kg	0.858	0.149	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.424	J	mg/kg	0.429	0.028	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.098	J	mg/kg	0.858	0.084	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Calcium, Total	1010		mg/kg	8.58	3.00	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Chromium, Total	24.9		mg/kg	0.858	0.082	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.48		mg/kg	1.72	0.142	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Copper, Total	12.2		mg/kg	0.858	0.221	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Iron, Total	23900		mg/kg	4.29	0.775	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Lead, Total	9.03		mg/kg	4.29	0.230	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Magnesium, Total	3340		mg/kg	8.58	1.32	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Manganese, Total	128		mg/kg	0.858	0.136	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Mercury, Total	0.048	J	mg/kg	0.071	0.046	1	06/14/24 09:25	06/17/24 10:44	EPA 7471B	1,7471B	MJR
Nickel, Total	14.1		mg/kg	2.14	0.208	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Potassium, Total	774		mg/kg	214	12.4	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Selenium, Total	0.229	J	mg/kg	1.72	0.221	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.429	0.243	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Sodium, Total	213		mg/kg	172	2.70	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Thallium, Total	0.555	J	mg/kg	1.72	0.270	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.5		mg/kg	0.858	0.174	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF
Zinc, Total	33.7		mg/kg	4.29	0.251	2	06/14/24 10:30	06/14/24 20:42	EPA 3050B	1,6010D	JMF

Project Name: WEBSTER AVE, BRONX **Lab Number:** L2432305

Project Number: 13581 **Report Date:** 06/27/24

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): 01,03,05,07,09-10 Batch: WG1934051-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Iron, Total	0.973	J	mg/kg	2.00	0.361	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/14/24 10:30	06/14/24 18:58	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09-10 Batch: WG1934053-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/14/24 09:25	06/14/24 11:19	1,7471B	JWN

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

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: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934051-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	99		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	99		-		80-120	-		
Potassium, Total	105		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	102		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934051-2					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934053-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

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): 01,03,05,07,09-10 QC Batch ID: WG1934051-3 QC Sample: L2432281-01 Client ID: MS Sample												
Aluminum, Total	13800	199	14900	**553**	Q	-	-		75-125	-		20
Antimony, Total	0.608J	49.7	31.2	**63**	Q	-	-		75-125	-		20
Arsenic, Total	5.35	11.9	16.5	93		-	-		75-125	-		20
Barium, Total	62.2	199	201	**70**	Q	-	-		75-125	-		20
Beryllium, Total	0.694	4.97	4.78	82		-	-		75-125	-		20
Cadmium, Total	ND	5.27	3.92	**74**	Q	-	-		75-125	-		20
Calcium, Total	587	994	1200	**62**	Q	-	-		75-125	-		20
Chromium, Total	34.2	19.9	47.2	**65**	Q	-	-		75-125	-		20
Cobalt, Total	20.8	49.7	48.2	**55**	Q	-	-		75-125	-		20
Copper, Total	25.0	24.8	50.6	103		-	-		75-125	-		20
Iron, Total	27100	99.4	28200	**1110**	Q	-	-		75-125	-		20
Lead, Total	15.7	52.7	58.1	80		-	-		75-125	-		20
Magnesium, Total	641	994	1620	98		-	-		75-125	-		20
Manganese, Total	519	49.7	444	**0**	Q	-	-		75-125	-		20
Nickel, Total	24.0	49.7	49.3	**51**	Q	-	-		75-125	-		20
Potassium, Total	188J	994	1000	101		-	-		75-125	-		20
Selenium, Total	ND	11.9	8.10	**68**	Q	-	-		75-125	-		20
Silver, Total	ND	4.97	3.78	76		-	-		75-125	-		20
Sodium, Total	371	994	1170	80		-	-		75-125	-		20
Thallium, Total	0.440J	11.9	10.4	87		-	-		75-125	-		20
Vanadium, Total	46.7	49.7	85.1	77		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

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): 01,03,05,07,09-10 QC Batch ID: WG1934051-3 QC Sample: L2432281-01 Client ID: MS Sample									
Zinc, Total	21.1	49.7	62.3	83	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 QC Batch ID: WG1934053-3 QC Sample: L2433405-01 Client ID: MS Sample									
Mercury, Total	ND	1.28	1.25	98	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 QC Batch ID: WG1934051-4 QC Sample: L2432281-01 Client ID: DUP Sample						
Arsenic, Total	5.35	6.41	mg/kg	18		20
Barium, Total	62.2	57.8	mg/kg	7		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	34.2	36.1	mg/kg	5		20
Lead, Total	15.7	14.7	mg/kg	7		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09-10 QC Batch ID: WG1934053-4 QC Sample: L2433405-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-01
Client ID: B-1 (11-11.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 10:40
Date Received: 06/10/24
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	93.3		%	0.100	NA	1	-	06/11/24 12:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/15/24 07:30	06/17/24 13:31	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-03
Client ID: B-2 (11.5-12)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 11:25
Date Received: 06/10/24
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	85.5		%	0.100	NA	1	-	06/11/24 12:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/15/24 07:30	06/17/24 13:32	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-05
Client ID: B-4 (2-2.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 12:45
Date Received: 06/10/24
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	84.6		%	0.100	NA	1	-	06/11/24 12:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/15/24 07:30	06/17/24 13:33	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-07
Client ID: B-6 (4.5-5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 13:40
Date Received: 06/10/24
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	91.2		%	0.100	NA	1	-	06/11/24 12:35	121,2540G	ROI
Cyanide, Total	0.57	J	mg/kg	1.0	0.21	1	06/15/24 07:30	06/17/24 13:36	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-09
Client ID: B-8 (4-4.5)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 13:20
Date Received: 06/10/24
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	87.2		%	0.100	NA	1	-	06/11/24 12:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/15/24 07:30	06/17/24 13:37	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2432305-10
Client ID: B-9 (3.5-4)
Sample Location: 2740 WEBSTER AVE, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/10/24 13:00
Date Received: 06/10/24
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	88.0		%	0.100	NA	1	-	06/11/24 12:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/15/24 07:30	06/17/24 13:38	1,9010C/9012B	JER

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

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): 01,03,05,07,09-10 Batch: WG1934711-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/15/24 07:30	06/17/24 13:24	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09-10 Batch: WG1934711-2 WG1934711-3								
Cyanide, Total	90		92		80-120	8		35

Matrix Spike Analysis
Batch Quality Control

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

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): 01,03,05,07,09-10 QC Batch ID: WG1934711-4 WG1934711-5 QC Sample: L2432297-01 Client ID: MS Sample												
Cyanide, Total	ND	13	11	86		10	79		75-125	10		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: WEBSTER AVE, BRONX

Project Number: 13581

Lab Number: L2432305

Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09-10 QC Batch ID: WG1932664-1 QC Sample: L2432413-05 Client ID: DUP Sample						
Solids, Total	78.6	82.5	%	5		20

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

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(*)
L2432305-01A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-01B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-01C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-01D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-01E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2432305-01G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2432305-01H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2432305-01X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-01Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-01Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-02A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-02B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-02C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-02D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2432305-02E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2432305-02F	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		HOLD-METAL(180)
L2432305-02G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		HOLD-1633(90)
L2432305-02H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2432305-02X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432305-02Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	HOLD-8260HLW(14)
L2432305-02Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	HOLD-8260HLW(14)
L2432305-03A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-03B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-03C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-03D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-03E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-03F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2432305-03G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2432305-03H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2432305-03X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-03Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-03Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-04A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-04B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-04C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-04D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2432305-04E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2432305-04F	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		HOLD-METAL(180)
L2432305-04G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		HOLD-1633(90)
L2432305-04H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2432305-04X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-04Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	HOLD-8260HLW(14)
L2432305-04Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	HOLD-8260HLW(14)
L2432305-05A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432305-05B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-05C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-05D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-05E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-05F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2432305-05G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2432305-05H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2432305-05X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-05Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-05Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-06A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-06B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-06C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-06D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2432305-06E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2432305-06F	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		HOLD-METAL(180)
L2432305-06G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		HOLD-1633(90)
L2432305-06H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2432305-06X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-06Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	HOLD-8260HLW(14)
L2432305-06Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	HOLD-8260HLW(14)
L2432305-07A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-07B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-07C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-07D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432305-07E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-07F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2432305-07G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2432305-07H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2432305-07X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-07Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-07Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-08A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-08B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-08C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-08D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2432305-08E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		HOLD-WETCHEM()
L2432305-08F	Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		HOLD-METAL(180)
L2432305-08G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		HOLD-1633(90)
L2432305-08H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2432305-08X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		HOLD-8260HLW(14)
L2432305-08Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	HOLD-8260HLW(14)
L2432305-08Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	HOLD-8260HLW(14)
L2432305-09A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-09B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-09C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-09D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-09E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581

Lab Number: L2432305
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432305-09F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2432305-09G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2432305-09H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2432305-09X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-09Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-09Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-10A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-10B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-10C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-10D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-10E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2432305-10F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2432305-10G	Plastic 8oz unpreserved	A	NA		3.2	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2432305-10H	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2432305-10X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L2432305-10Y	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)
L2432305-10Z	Vial Water preserved split	A	NA		3.2	Y	Absent	11-JUN-24 13:30	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: WEBSTER AVE, BRONX
Project Number: 13581
Lab Number: L2432305
Report Date: 06/27/24

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
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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

Project Name:	WEBSTER AVE, BRONX	**Lab Number:**	L2432305
Project Number:	13581	**Report Date:**	06/27/24

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

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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

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

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

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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.)

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REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: 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

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: 6/11/24

ALPHA Job #: L2432305

Client Information
Client: SESI
Address: 959 US46 Ft 35300
Parsippany, NJ 07054
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:
H means ~~Hold for analyses~~ Extract and Hold for analyses

Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	Total Cyanide	1,4-Dioxane	PFAS (1633)	Pesticides				Total Bottle	Sample Specific Comments
32305-01	B-1 (11-11.5)	6/10/24	1040	Soil	CB	✓	✓	✓	✓						
-02	B-2 (2.5-3)		1120		CB	H ✓	H ✓	H ✓	H ✓						
-03	B-2 (11.5-12)		1125		CB	✓	✓	✓	✓						
-04	B-3 (1.5-2)		1220		CB	H ✓	H ✓	H ✓	H ✓						
-05	B-4 (2-2.5)		1245		CB	✓	✓	✓	✓	✓					
-06	B-5 (4-4.5)		1410		CB	H ✓	H ✓	H ✓	H ✓						
-07	B-6 (4.5-5)		1340		CB	✓	✓	✓	✓						
-08	B-7 (2-2.5)		1355		CB	H ✓	H ✓	H ✓	H ✓						
-09	B-8 (4-4.5)		1320		CB	✓	✓	✓	✓						
-10	B-9 (3.5-4)	↓	1300	↓	CB	✓	✓	✓	✓	✓					
					Container Type	A/P	A/P	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
	6/10/24	MRW (FAC(E))	6/10/24 1454
MRW	6/10 1820		6/10/24 19:18
	6/10/24		6/10 2200
	6/11 0830		6/11/24 0030

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)